

## Renewable fuel statistics, 2023 (fifth provisional)

This spreadsheet presents data on fuel supplied to the UK that is obligated under the Renewable Transport Fuel Obligation Order.

### Department for Transport

#### Introduction

This is the fifth update of 2023, out of five provisional reports. This will be followed by the final update for 2023 in November 2024.

The data in this table is from information received by the DfT as of the 5 August 2024.

The time series data in these tables has been backdated using a updated weighting by energy density. This has caused a small change to the historic figures published before 2023, but these are now more accurate.

These statistics are [official statistics](#).

They comply with the standards of trustworthiness, quality, and value in the [Code of Practice for Statistics](#).

More information about these statistics can be found in the [Renewable fuel statistics: Notes and definitions](#).

#### Further information

For further details alongside these tables, see the following sites and documents:

[Renewable Fuel Statistics on GOV.UK](#)

[Guidance on the RTFO](#)

#### Values

Cells containing [low] equate to less than 500,000 or 0.5 million and cells containing [low%] equate to less than 0.5%. If you select a [low] or [low%] cell it will still provide the actual numeric value.

#### Source

Department for Transport, Renewable Transport Fuel Statistics

#### Last updated

14 August 2024

#### Contact

[environment.stats@dft.gov.uk](mailto:environment.stats@dft.gov.uk)

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## Worksheet title

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RF0102: Renewable Transport Fuel Certificates (RTFCs), number of certificates and related fuel volumes, by category and supply period, United Kingdom, 2023 (fifth provisional)

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## Notes

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| Note ID | Note Description   |
|---------|--|
| Note 1  | Methyl tert-butyl ether (MTBE) is a fuel additive used to increase the octane rating of petrol.  |
| Note 2  | Renewable gases (such as biomethane and biopropane) are reported in kg but are converted to equivalent litres using standard multiplication factors (1.9 and 1.75 respectively) as stated in the RTFO Order.   |
| Note 3  | "Pure bio oil" was a new fuel type classification for 2021 and includes fuels referred to as "Pure vegetable oil" in previous years' reports.  |
| Note 4  | "HVO" (hydrotreated vegetable oil) was named "Biodiesel HVO" in previous pre-2021 reports.   |
| Note 5  | Development fuel Renewable Fuel Transport Certificates (dRTFC), and an associated obligation, were introduced in 2019.   |
| Note 6  | Due to the change from financial to calendar year, 2018 is a short covering April to December 2018. From 2019 onwards all data will be reported for calendar years.  |
| Note 7  | From 15 April 2018 new RTFC categories were introduced (general, relevant crop and development fuel). These replaced the GHG emission categories used in 2017 to 2018 and in previous reports.   |
| Note 8  | Development Fuel RTFCs were introduced in 2019.  |
| Note 9  | From 2023 onwards, the account types breakdown has been consolidated. This reflects the fact that RTFO fuel suppliers are no longer categorised according to the HMRC tax forms they use (HO10 and HO930).   |
| Note 10 | Greenhouse gas (GHG) savings percentage is calculated by comparing the carbon intensity of the renewable fuel to the carbon intensity of the fossil equivalent if that had been used instead. For comparison, this table uses a comparator of 94 grams of carbon dioxide per megajoule of fuel used (gCO <sub>2</sub> /MJ) for fossil fuels, to reflect a better estimate being available. Reports prior to 2022 used a comparator of 83.8 gCO <sub>2</sub> /MJ. |

RF0101: Volume of fuels in million litres (equivalent), by fuel type and supply period, United Kingdom, 2023 (fifth provisional)

This is the fifth provisional report, containing information received by the DfT as of the 5 August 2024.

This worksheet contains one table. Notes for this table can be seen in the Notes worksheet.

This table includes information on renewable fuel certified and accepted as sustainable as well as in progress applications of renewable fuel which are yet to be accepted as sustainable by the RTFO Unit.

Supply periods start on the 15 of one month and end on the 14 of the next, except for January (starts on the 1, ends on the 14) and December (starts on the 15, ends on the 31).

There is some shorthand used in this table: [low] refers to a value less than 0.5, [low%] refers to a value less than 0.5%. [x] means no notes apply to that row.

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| Renewable status           | Fuel type                           | Jan   | Jan to Feb | Feb to Mar | Mar to Apr | Apr to May | May to Jun | Jun to Jul | Jul to Aug | Aug to Sep | Sep to Oct | Oct to Nov | Nov to Dec | Dec   | Total  | Percent of all fuel supplied | Notes    |
|----------------------------|-------------------------------------|-------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|-------|--------|------------------------------|----------|
| Fossil fuel                | Diesel                              | 997   | 2,396      | 2,193      | 2,290      | 2,258      | 2,360      | 2,336      | 2,317      | 2,256      | 2,235      | 2,374      | 2,339      | 1,101 | 27,451 | 56%                          | [x]      |
| Fossil fuel                | Low sulphur gas oil                 | 60    | 156        | 162        | 169        | 181        | 218        | 201        | 205        | 286        | 201        | 133        | 145        | 68    | 2,184  | 4%                           | [x]      |
| Fossil fuel                | MTBE (fossil portion)               | [low] | [low]      | [low]      | [low]      | [low]      | [low]      | [low]      | [low]      | [low]      | [low]      | [low]      | [low]      | [low] | [low]  | 0%                           | [Note 1] |
| Fossil fuel                | Petrol                              | 626   | 1,340      | 1,151      | 1,242      | 1,331      | 1,342      | 1,349      | 1,345      | 1,357      | 1,308      | 1,349      | 1,329      | 696   | 15,765 | 32%                          | [x]      |
| Fossil fuel                | Total fossil fuel                   | 1,683 | 3,892      | 3,507      | 3,701      | 3,770      | 3,919      | 3,886      | 3,867      | 3,898      | 3,744      | 3,855      | 3,813      | 1,865 | 45,400 | 92%                          | [x]      |
| Regular renewable fuel     | Avtur (renewable)                   | 0     | 10         | 2          | 7          | 1          | [low]      | 20         | 14         | 7          | 14         | [low]      | 20         | [low] | 97     | [low%]                       | [x]      |
| Regular renewable fuel     | Bio Petrol                          | 0     | 0          | 0          | 0          | 0          | 0          | 0          | 0          | [low]      | [low]      | 0          | 0          | [low] | [low]  | 0%                           | [x]      |
| Regular renewable fuel     | Biobutane                           | 0     | 0          | 0          | [low]      | 0          | 0          | [low]      | 0          | 0          | [low]      | 0          | 0          | [low] | [low]  | 0%                           | [x]      |
| Regular renewable fuel     | Biodiesel ME                        | 60    | 122        | 104        | 171        | 131        | 129        | 138        | 110        | 127        | 112        | 94         | 86         | 29    | 1,414  | 3%                           | [x]      |
| Regular renewable fuel     | Bioethanol                          | 54    | 115        | 104        | 116        | 110        | 122        | 118        | 121        | 122        | 123        | 124        | 122        | 57    | 1,408  | 3%                           | [x]      |
| Regular renewable fuel     | Biomethane (compressed)             | 0     | 6          | 5          | 8          | 6          | 7          | 9          | 8          | 8          | 10         | 8          | 8          | 9     | 92     | [low%]                       | [Note 2] |
| Regular renewable fuel     | Biomethane (liquified)              | 0     | 2          | 2          | 14         | 1          | 1          | 6          | 1          | 1          | 6          | [low]      | 0          | 5     | 39     | [low%]                       | [Note 2] |
| Regular renewable fuel     | Biopropane                          | 0     | 0          | 0          | 4          | 0          | [low]      | 4          | [low]      | 0          | 5          | [low]      | [low]      | 3     | 17     | [low%]                       | [Note 2] |
| Regular renewable fuel     | HVO                                 | 25    | 57         | 37         | 32         | 32         | 30         | 29         | 37         | 42         | 52         | 55         | 61         | 16    | 506    | 1%                           | [Note 4] |
| Regular renewable fuel     | Methanol (bio)                      | 1     | 5          | 7          | 7          | 3          | 3          | 3          | 3          | 3          | 1          | [low]      | 3          | 2     | 40     | [low%]                       | [x]      |
| Regular renewable fuel     | Methanol (non bio, renewable)       | 0     | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0     | 0      | 0%                           | [x]      |
| Regular renewable fuel     | Off road biodiesel                  | 1     | 4          | 4          | 4          | 4          | 5          | 4          | 3          | 4          | 3          | 2          | 1          | [low] | 39     | [low%]                       | [x]      |
| Regular renewable fuel     | Pure bio oil                        | [low] | 1          | 1          | [low]      | [low]      | [low]      | [low]      | [low]      | [low]      | [low]      | 1          | [low]      | [low] | 4      | [low%]                       | [Note 3] |
| Regular renewable fuel     | Total regular renewable fuel        | 140   | 322        | 266        | 362        | 289        | 297        | 332        | 298        | 315        | 326        | 285        | 303        | 122   | 3,656  | 7%                           | [x]      |
| Development renewable fuel | Aviation turbine fuel (development) | [low] | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0     | [low]  | 0%                           | [x]      |
| Development renewable fuel | Development diesel                  | 0     | [low]      | [low]      | [low]      | [low]      | [low]      | 0          | [low]      | 24         | [low]      | [low]      | [low]      | 16    | 42     | [low%]                       | [x]      |
| Development renewable fuel | Development petrol                  | 0     | [low]      | [low]      | [low]      | [low]      | [low]      | [low]      | [low]      | 4          | [low]      | [low]      | [low]      | 5     | 11     | [low%]                       | [x]      |
| Development renewable fuel | Hydrogen                            | 0     | 0          | 0          | [low]      | [low]      | [low]      | [low]      | [low]      | [low]      | [low]      | [low]      | [low]      | [low] | [low]  | 0%                           | [Note 2] |
| Development renewable fuel | Total development renewable fuel    | [low] | [low]      | [low]      | 1          | 1          | 1          | [low]      | [low]      | 28         | 1          | 1          | [low]      | 21    | 53     | [low%]                       | [x]      |
| Renewable fuel             | Total renewable fuel                | 140   | 322        | 266        | 363        | 289        | 298        | 332        | 298        | 343        | 327        | 285        | 304        | 143   | 3,709  | 8%                           | [x]      |
| All fuel                   | Total all fuel                      | 1,824 | 4,214      | 3,773      | 4,063      | 4,059      | 4,217      | 4,218      | 4,165      | 4,241      | 4,071      | 4,140      | 4,117      | 2,008 | 49,109 | 100%                         | [x]      |

RF0102: Renewable Transport Fuel Certificates (RTFCs), number of certificates and related fuel volumes, by category and supply period, United Kingdom, 2023 (fifth provisional)

This is the fifth provisional report, containing information received by the DfT as of the 5 August 2024.

This worksheet contains one table. Notes for this table can be seen in the Notes worksheet.

This table includes information on renewable fuel certified and accepted as sustainable as well as in progress applications of renewable fuel which are yet to be accepted as sustainable by the RTFO Unit.

Figures may include any RTFCs where a proposal of revocation has been issued but the RTFCs have not yet been revoked.

Supply periods start on the 15 of one month and end on the 14 of the next, except for January (starts on the 1, ends on the 14) and December (starts on the 15, ends on the 31).

There is some shorthand used in this table: [low] refers to a value less than 0.5, [low%] refers to a value less than 0.5%. [x] means no notes apply to that row.

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| Measure  | RTFC Category<br>[Note 7] | Jan | Jan to<br>Feb | Feb to<br>Mar | Mar to<br>Apr | Apr to<br>May | May to<br>Jun | Jun to<br>Jul | Jul to<br>Aug | Aug to<br>Sep | Sep to<br>Oct | Oct to<br>Nov | Nov to<br>Dec | Dec | Total | Of which were from<br>double counting<br>feedstocks | Notes    |
|--|---------------------------|-----|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|-----|-------|---|----------|
| Number of RTFCs issued (millions)                            | Development Fuel          | 0   | [low]         | [low]         | 2             | 1             | 1             | [low]         | [low]         | 56            | 1             | 1             | [low]         | 42  | 105   | 105   | [Note 5] |
| Number of RTFCs issued (millions)                            | General                   | 188 | 440           | 358           | 496           | 429           | 398           | 441           | 481           | 397           | 446           | 381           | 401           | 104 | 4,961 | 4,954   | [x]      |
| Number of RTFCs issued (millions)                            | Relevant Crop             | 45  | 100           | 86            | 111           | 74            | 97            | 106           | 56            | 96            | 75            | 66            | 57            | 53  | 1,021 | 0   | [x]      |
| Number of RTFCs issued (millions)                            | Total                     | 233 | 540           | 444           | 609           | 504           | 496           | 547           | 538           | 548           | 522           | 449           | 458           | 199 | 6,086 | 5,059   | [x]      |
| Fuel volumes (RTFCs issued) (millions)                       | Development Fuel          | 0   | [low]         | [low]         | 1             | 1             | 1             | [low]         | [low]         | 28            | 1             | [low]         | [low]         | 21  | 52    | 52  | [Note 5] |
| Fuel volumes (RTFCs issued) (millions)                       | General                   | 94  | 221           | 180           | 248           | 215           | 199           | 221           | 241           | 198           | 223           | 191           | 201           | 53  | 2,484 | 2,477   | [x]      |
| Fuel volumes (RTFCs issued) (millions)                       | Relevant Crop             | 45  | 100           | 86            | 111           | 74            | 97            | 106           | 56            | 96            | 75            | 66            | 57            | 53  | 1,021 | 0   | [x]      |
| Fuel volumes (RTFCs issued) (millions)                       | Total                     | 139 | 321           | 266           | 360           | 289           | 297           | 326           | 297           | 322           | 298           | 257           | 258           | 126 | 3,557 | 2,529   | [x]      |
| Total volume of renewable fuel                               | Total                     | 140 | 322           | 266           | 363           | 289           | 298           | 332           | 298           | 343           | 327           | 285           | 304           | 143 | 3,709 | [No Data]   | [x]      |
| Percentage of renewable fuel to which RTFCs have been issued | Percent                   | 99% | 100%          | 100%          | 99%           | 100%          | 100%          | 98%           | 100%          | 94%           | 91%           | 90%           | 85%           | 88% | 96%   | [No Data]   | [x]      |

**RF0103: RTFC balances by obligation period: United Kingdom, 2020 to 2023 (fifth provisional)**

This is the fifth provisional report, containing information received by the DfT as of the 5 August 2024.  
This worksheet contains one table. Notes for this table can be seen in the Notes worksheet.  
This table contains data on RTFCs issued to renewable fuel certified as sustainable.  
There is some shorthand used in this table: [low] refers to a value less than 0.5. [x] means no notes apply to that row.

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The values in this table are in the unit of certificates (millions).

| Status             | GHG saving category / RTFC category<br>[Note 7] | 2020         | 2021         | 2022         | 2023 Notes<br>(provisional) |
|--------------------|---|--------------|--------------|--------------|-----------------------------|
| Issued             | Development Fuel                                | [low]        | 48           | 56           | 105 [Note 8]                |
| Issued             | General   | 3,878        | 3,937        | 4,309        | 5,034 [x]                   |
| Issued             | Relevant Crop                                   | 598          | 614          | 1,134        | 1,022 [x]                   |
| <b>Issued</b>      | <b>Total Issued</b>                             | <b>4,476</b> | <b>4,600</b> | <b>5,499</b> | <b>6,160 [x]</b>            |
| Revoked            | Development Fuel                                | 0            | 0            | 0            | 0 [Note 8]                  |
| Revoked            | General   | 3            | 98           | [low]        | 73 [x]                      |
| Revoked            | Relevant Crop                                   | 2            | 0            | [low]        | 1 [x]                       |
| <b>Revoked</b>     | <b>Total Revoked</b>                            | <b>5</b>     | <b>98</b>    | <b>[low]</b> | <b>74 [x]</b>               |
| Redeemed           | Development Fuel                                | [low]        | 48           | 56           | 0 [Note 8]                  |
| Redeemed           | General   | 3,875        | 3,839        | 4,285        | 0 [x]                       |
| Redeemed           | Relevant Crop                                   | 596          | 614          | 1,133        | 0 [x]                       |
| <b>Redeemed</b>    | <b>Total Redeemed</b>                           | <b>4,472</b> | <b>4,502</b> | <b>5,474</b> | <b>0 [x]</b>                |
| Still in existence | All categories                                  | [low]        | [low]        | 25           | 6,086 [x]                   |

RF0104: RTFCs transferred by quarter, certificate category and RTFO account holder type: United Kingdom, RTFCs issued for the 2022 to 2023 (fifth provisional) periods

This is the fifth provisional report, containing information received by the DfT as of the 5 August 2024.  
This worksheet contains one table. Notes for this table can be seen in the Notes worksheet.  
This table contains data on RTFCs issued to renewable fuel certified as sustainable.  
There is some shorthand used in this table: [low] refers to a value less than 0.5.

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The values in this table are in the unit of certificates (millions).

| Obligation period for which RTFCs were issued | Quarter in which transfer occurred | Account types [Note 10] | RTFC Category: Development Fuels | RTFC Category: General | RTFC Category: Relevant Crop | Total |
|---|------------------------------------|-------------------------|----------------------------------|------------------------|------------------------------|-------|
| 2022  | Q60 - Jan22 to Apr22               | Supplier to Supplier    | 0                                | 23                     | 0                            | 23    |
| 2022  | Q60 - Jan22 to Apr22               | Supplier to Trader      | 0                                | 4                      | 0                            | 4     |
| 2022  | Q60 - Jan22 to Apr22               | Trader to Supplier      | 0                                | [low]                  | 0                            | [low] |
| 2022  | Q60 - Jan22 to Apr22               | Trader to Trader        | 0                                | 0                      | 0                            | 0     |
| 2022  | Q60 - Jan22 to Apr22               | All account types       | 0                                | 28                     | 0                            | 28    |
| 2022  | Q61 - Apr22 to Jul22               | Supplier to Supplier    | 0                                | 62                     | 22                           | 84    |
| 2022  | Q61 - Apr22 to Jul22               | Supplier to Trader      | 0                                | 94                     | 0                            | 94    |
| 2022  | Q61 - Apr22 to Jul22               | Trader to Supplier      | 0                                | 54                     | 0                            | 54    |
| 2022  | Q61 - Apr22 to Jul22               | Trader to Trader        | 0                                | 0                      | 0                            | 0     |
| 2022  | Q61 - Apr22 to Jul22               | All account types       | 0                                | 210                    | 22                           | 232   |
| 2022  | Q62 - Jul22 to Oct22               | Supplier to Supplier    | 0                                | 166                    | 74                           | 239   |
| 2022  | Q62 - Jul22 to Oct22               | Supplier to Trader      | 0                                | 142                    | 0                            | 142   |
| 2022  | Q62 - Jul22 to Oct22               | Trader to Supplier      | 0                                | 64                     | 0                            | 64    |
| 2022  | Q62 - Jul22 to Oct22               | Trader to Trader        | 0                                | 4                      | 0                            | 4     |
| 2022  | Q62 - Jul22 to Oct22               | All account types       | 0                                | 376                    | 74                           | 450   |
| 2022  | Q63 - Oct22 to Dec22               | Supplier to Supplier    | 0                                | 391                    | 257                          | 648   |
| 2022  | Q63 - Oct22 to Dec22               | Supplier to Trader      | 0                                | 440                    | 26                           | 466   |
| 2022  | Q63 - Oct22 to Dec22               | Trader to Supplier      | 0                                | 104                    | 0                            | 104   |
| 2022  | Q63 - Oct22 to Dec22               | Trader to Trader        | 0                                | 1                      | 0                            | 1     |
| 2022  | Q63 - Oct22 to Dec22               | All account types       | 0                                | 937                    | 283                          | 1,220 |
| 2022  | Q64 - Jan23 to Apr23               | Supplier to Supplier    | 0                                | 860                    | 251                          | 1,111 |
| 2022  | Q64 - Jan23 to Apr23               | Supplier to Trader      | 0                                | 649                    | 39                           | 688   |
| 2022  | Q64 - Jan23 to Apr23               | Trader to Supplier      | 0                                | 666                    | 51                           | 717   |
| 2022  | Q64 - Jan23 to Apr23               | Trader to Trader        | 0                                | 25                     | 0                            | 25    |
| 2022  | Q64 - Jan23 to Apr23               | All account types       | 0                                | 2,200                  | 341                          | 2,541 |
| 2022  | Q65 - Apr23 to Jul23               | Supplier to Supplier    | 0                                | 548                    | 254                          | 802   |
| 2022  | Q65 - Apr23 to Jul23               | Supplier to Trader      | 0                                | 1,388                  | 333                          | 1,721 |
| 2022  | Q65 - Apr23 to Jul23               | Trader to Supplier      | 0                                | 628                    | 66                           | 694   |
| 2022  | Q65 - Apr23 to Jul23               | Trader to Trader        | 0                                | 1                      | 0                            | 1     |
| 2022  | Q65 - Apr23 to Jul23               | All account types       | 0                                | 2,566                  | 654                          | 3,219 |
| 2022  | All quarters                       | Supplier to Supplier    | 0                                | 2,051                  | 857                          | 2,908 |
| 2022  | All quarters                       | Supplier to Trader      | 0                                | 2,717                  | 399                          | 3,116 |

|             |                             |                          |              |              |              |              |
|-------------|-----------------------------|--------------------------|--------------|--------------|--------------|--------------|
| 2022        | All quarters                | Trader to Supplier       | 0            | 1,517        | 117          | 1,634        |
| 2022        | All quarters                | Trader to Trader         | 0            | 31           | 0            | 31           |
| <b>2022</b> | <b>All quarters</b>         | <b>All account types</b> | <b>0</b>     | <b>6,316</b> | <b>1,373</b> | <b>7,689</b> |
| 2023        | Q60 - Jan23 to Apr23        | Supplier to Supplier     | 0            | 34           | 0            | 34           |
| 2023        | Q60 - Jan23 to Apr23        | Supplier to Trader       | 0            | 1            | [low]        | 1            |
| 2023        | Q60 - Jan23 to Apr23        | Trader to Supplier       | 0            | 0            | [low]        | [low]        |
| 2023        | Q60 - Jan23 to Apr23        | Trader to Trader         | 0            | 0            | 0            | 0            |
| <b>2023</b> | <b>Q60 - Jan23 to Apr23</b> | <b>All account types</b> | <b>0</b>     | <b>35</b>    | <b>[low]</b> | <b>35</b>    |
| 2023        | Q61 - Apr23 to Jul23        | Supplier to Supplier     | 0            | 430          | 42           | 472          |
| 2023        | Q61 - Apr23 to Jul23        | Supplier to Trader       | 0            | 409          | 138          | 546          |
| 2023        | Q61 - Apr23 to Jul23        | Trader to Supplier       | 0            | 25           | 0            | 25           |
| 2023        | Q61 - Apr23 to Jul23        | Trader to Trader         | 0            | 0            | 0            | 0            |
| <b>2023</b> | <b>Q61 - Apr23 to Jul23</b> | <b>All account types</b> | <b>0</b>     | <b>864</b>   | <b>180</b>   | <b>1,044</b> |
| 2023        | Q62 - Jul23 to Oct23        | Supplier to Supplier     | 0            | 450          | 64           | 514          |
| 2023        | Q62 - Jul23 to Oct23        | Supplier to Trader       | 0            | 695          | 110          | 805          |
| 2023        | Q62 - Jul23 to Oct23        | Trader to Supplier       | 0            | 386          | 0            | 386          |
| 2023        | Q62 - Jul23 to Oct23        | Trader to Trader         | 0            | 2            | 0            | 2            |
| <b>2023</b> | <b>Q62 - Jul23 to Oct23</b> | <b>All account types</b> | <b>0</b>     | <b>1,532</b> | <b>174</b>   | <b>1,706</b> |
| 2023        | Q63 - Oct23 to Dec23        | Supplier to Supplier     | 0            | 529          | 44           | 573          |
| 2023        | Q63 - Oct23 to Dec23        | Supplier to Trader       | 0            | 1,273        | 145          | 1,418        |
| 2023        | Q63 - Oct23 to Dec23        | Trader to Supplier       | 0            | 555          | 11           | 566          |
| 2023        | Q63 - Oct23 to Dec23        | Trader to Trader         | 0            | 0            | 0            | 0            |
| <b>2023</b> | <b>Q63 - Oct23 to Dec23</b> | <b>All account types</b> | <b>0</b>     | <b>2,357</b> | <b>200</b>   | <b>2,557</b> |
| 2023        | Q64 - Jan24 to Apr24        | Supplier to Supplier     | 11           | 1,439        | 515          | 1,965        |
| 2023        | Q64 - Jan24 to Apr24        | Supplier to Trader       | 0            | 1,033        | 211          | 1,244        |
| 2023        | Q64 - Jan24 to Apr24        | Trader to Supplier       | 0            | 794          | 467          | 1,262        |
| 2023        | Q64 - Jan24 to Apr24        | Trader to Trader         | 0            | 0            | 0            | 0            |
| <b>2023</b> | <b>Q64 - Jan24 to Apr24</b> | <b>All account types</b> | <b>11</b>    | <b>3,266</b> | <b>1,193</b> | <b>4,471</b> |
| 2023        | Q65 - Apr24 to Jul24        | Supplier to Supplier     | 14           | 284          | 39           | 337          |
| 2023        | Q65 - Apr24 to Jul24        | Supplier to Trader       | 0            | 691          | 105          | 796          |
| 2023        | Q65 - Apr24 to Jul24        | Trader to Supplier       | 0            | 814          | 90           | 904          |
| 2023        | Q65 - Apr24 to Jul24        | Trader to Trader         | 0            | 1            | 0            | 1            |
| <b>2023</b> | <b>Q65 - Apr24 to Jul24</b> | <b>All account types</b> | <b>14</b>    | <b>1,789</b> | <b>234</b>   | <b>2,038</b> |
| 2023        | Q66 - Jul24 to Oct24        | Supplier to Supplier     | [low]        | 137          | 23           | 160          |
| 2023        | Q66 - Jul24 to Oct24        | Supplier to Trader       | 0            | 0            | 0            | 0            |
| 2023        | Q66 - Jul24 to Oct24        | Trader to Supplier       | 0            | 51           | 33           | 84           |
| 2023        | Q66 - Jul24 to Oct24        | Trader to Trader         | 0            | 0            | 0            | 0            |
| <b>2023</b> | <b>Q66 - Jul24 to Oct24</b> | <b>All account types</b> | <b>[low]</b> | <b>187</b>   | <b>56</b>    | <b>244</b>   |
| 2023        | All quarters                | Supplier to Supplier     | 26           | 3,301        | 728          | 4,055        |
| 2023        | All quarters                | Supplier to Trader       | 0            | 4,100        | 710          | 4,810        |
| 2023        | All quarters                | Trader to Supplier       | 0            | 2,625        | 601          | 3,226        |
| 2023        | All quarters                | Trader to Trader         | 0            | 3            | 0            | 3            |



|      |              |                   |    |        |       |        |
|------|--------------|-------------------|----|--------|-------|--------|
| 2023 | All quarters | All account types | 26 | 10,029 | 2,039 | 12,094 |
|------|--------------|-------------------|----|--------|-------|--------|

RF0105a: Carbon and sustainability data of renewable transport fuel: United Kingdom, 2023 (fifth provisional)

This is the fifth provisional report, containing information received by the DfT as of the 5 August 2024.

This worksheet contains one table. Notes for this table can be seen in the Notes worksheet.

This table contains data on RTFCs issued to renewable fuel certified as sustainable.

There is some shorthand used in this table: [low] refers to a value less than 0.5, [low%] refers to a value less than 0.5%.

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| Fuel type                      | Feedstock             | Country of origin    | RTFC Category<br>[Note 7][Note 8] | Double counted<br>feedstock? | Volume (million<br>litres eq.)<br>[Note 2] | Volume (% of<br>fuel) | ILUC factor<br>(gCO2e/MJ) | Carbon intensity<br>excl. ILUC<br>(gCO2e/MJ) | Carbon intensity<br>incl. ILUC<br>(gCO2e/MJ) | GHG savings %<br>excl. ILUC (%)<br>[Note 9] | GHG savings % incl.<br>ILUC (%)<br>[Note 9] |
|--------------------------------|-----------------------|----------------------|-----------------------------------|------------------------------|--|-----------------------|---------------------------|--|--|---|---|
| Avtur (renewable)              | Food waste            | Spain                | General                           | Yes                          | [low]                                      | 0%                    | 0                         | 5  | 5  | 95%   | 95%   |
| Avtur (renewable)              | Food waste            | United Kingdom       | General                           | Yes                          | [low]                                      | [low%]                | 0                         | 11   | 11   | 88%   | 88%   |
| Avtur (renewable)              | Used cooking oil UCO  | Argentina            | General                           | Yes                          | [low]                                      | 0%                    | 0                         | 16   | 16   | 83%   | 83%   |
| Avtur (renewable)              | Used cooking oil UCO  | Belgium              | General                           | Yes                          | [low]                                      | [low%]                | 0                         | 16   | 16   | 83%   | 83%   |
| Avtur (renewable)              | Used cooking oil UCO  | Bolivia              | General                           | Yes                          | [low]                                      | 0%                    | 0                         | 16   | 16   | 83%   | 83%   |
| Avtur (renewable)              | Used cooking oil UCO  | Chile                | General                           | Yes                          | 1  | [low%]                | 0                         | 4  | 4  | 96%   | 96%   |
| Avtur (renewable)              | Used cooking oil UCO  | China                | General                           | Yes                          | 37   | 1%                    | 0                         | 15   | 15   | 84%   | 84%   |
| Avtur (renewable)              | Used cooking oil UCO  | Colombia             | General                           | Yes                          | [low]                                      | [low%]                | 0                         | 5  | 5  | 95%   | 95%   |
| Avtur (renewable)              | Used cooking oil UCO  | Cyprus               | General                           | Yes                          | [low]                                      | 0%                    | 0                         | 16   | 16   | 83%   | 83%   |
| Avtur (renewable)              | Used cooking oil UCO  | Czech Republic       | General                           | Yes                          | [low]                                      | 0%                    | 0                         | 16   | 16   | 83%   | 83%   |
| Avtur (renewable)              | Used cooking oil UCO  | Denmark              | General                           | Yes                          | [low]                                      | 0%                    | 0                         | 16   | 16   | 83%   | 83%   |
| Avtur (renewable)              | Used cooking oil UCO  | Ecuador              | General                           | Yes                          | [low]                                      | 0%                    | 0                         | 16   | 16   | 83%   | 83%   |
| Avtur (renewable)              | Used cooking oil UCO  | Egypt                | General                           | Yes                          | [low]                                      | [low%]                | 0                         | 4  | 4  | 96%   | 96%   |
| Avtur (renewable)              | Used cooking oil UCO  | Estonia              | General                           | Yes                          | [low]                                      | 0%                    | 0                         | 16   | 16   | 83%   | 83%   |
| Avtur (renewable)              | Used cooking oil UCO  | Finland              | General                           | Yes                          | [low]                                      | [low%]                | 0                         | 16   | 16   | 83%   | 83%   |
| Avtur (renewable)              | Used cooking oil UCO  | France               | General                           | Yes                          | [low]                                      | [low%]                | 0                         | 16   | 16   | 83%   | 83%   |
| Avtur (renewable)              | Used cooking oil UCO  | Germany              | General                           | Yes                          | [low]                                      | [low%]                | 0                         | 16   | 16   | 83%   | 83%   |
| Avtur (renewable)              | Used cooking oil UCO  | Greece               | General                           | Yes                          | [low]                                      | 0%                    | 0                         | 16   | 16   | 83%   | 83%   |
| Avtur (renewable)              | Used cooking oil UCO  | Hong Kong            | General                           | Yes                          | [low]                                      | 0%                    | 0                         | 4  | 4  | 96%   | 96%   |
| Avtur (renewable)              | Used cooking oil UCO  | Indonesia            | General                           | Yes                          | 4  | [low%]                | 0                         | 11   | 11   | 89%   | 89%   |
| Avtur (renewable)              | Used cooking oil UCO  | Ireland, Republic of | General                           | Yes                          | 1  | [low%]                | 0                         | 16   | 16   | 83%   | 83%   |
| Avtur (renewable)              | Used cooking oil UCO  | Israel               | General                           | Yes                          | [low]                                      | [low%]                | 0                         | 16   | 16   | 83%   | 83%   |
| Avtur (renewable)              | Used cooking oil UCO  | Italy                | General                           | Yes                          | 1  | [low%]                | 0                         | 16   | 16   | 83%   | 83%   |
| Avtur (renewable)              | Used cooking oil UCO  | Japan                | General                           | Yes                          | [low]                                      | 0%                    | 0                         | 4  | 4  | 96%   | 96%   |
| Avtur (renewable)              | Used cooking oil UCO  | Jordan               | General                           | Yes                          | [low]                                      | [low%]                | 0                         | 16   | 16   | 83%   | 83%   |
| Avtur (renewable)              | Used cooking oil UCO  | Latvia               | General                           | Yes                          | [low]                                      | 0%                    | 0                         | 16   | 16   | 83%   | 83%   |
| Avtur (renewable)              | Used cooking oil UCO  | Lebanon              | General                           | Yes                          | [low]                                      | 0%                    | 0                         | 16   | 16   | 83%   | 83%   |
| Avtur (renewable)              | Used cooking oil UCO  | Malaysia             | General                           | Yes                          | 27   | 1%                    | 0                         | 4  | 4  | 95%   | 95%   |
| Avtur (renewable)              | Used cooking oil UCO  | Netherlands          | General                           | Yes                          | 2  | [low%]                | 0                         | 8  | 8  | 91%   | 91%   |
| Avtur (renewable)              | Used cooking oil UCO  | Panama               | General                           | Yes                          | [low]                                      | 0%                    | 0                         | 16   | 16   | 83%   | 83%   |
| Avtur (renewable)              | Used cooking oil UCO  | Paraguay             | General                           | Yes                          | [low]                                      | 0%                    | 0                         | 16   | 16   | 83%   | 83%   |
| Avtur (renewable)              | Used cooking oil UCO  | Peru                 | General                           | Yes                          | [low]                                      | [low%]                | 0                         | 8  | 8  | 92%   | 92%   |
| Avtur (renewable)              | Used cooking oil UCO  | Philippines          | General                           | Yes                          | [low]                                      | 0%                    | 0                         | 4  | 4  | 96%   | 96%   |
| Avtur (renewable)              | Used cooking oil UCO  | Poland               | General                           | Yes                          | [low]                                      | [low%]                | 0                         | 16   | 16   | 83%   | 83%   |
| Avtur (renewable)              | Used cooking oil UCO  | Portugal             | General                           | Yes                          | [low]                                      | 0%                    | 0                         | 16   | 16   | 83%   | 83%   |
| Avtur (renewable)              | Used cooking oil UCO  | Qatar                | General                           | Yes                          | 1  | [low%]                | 0                         | 10   | 10   | 90%   | 90%   |
| Avtur (renewable)              | Used cooking oil UCO  | Republic of Korea    | General                           | Yes                          | [low]                                      | 0%                    | 0                         | 4  | 4  | 96%   | 96%   |
| Avtur (renewable)              | Used cooking oil UCO  | Saudi Arabia         | General                           | Yes                          | 4  | [low%]                | 0                         | 14   | 14   | 85%   | 85%   |
| Avtur (renewable)              | Used cooking oil UCO  | Singapore            | General                           | Yes                          | 1  | [low%]                | 0                         | 7  | 7  | 92%   | 92%   |
| Avtur (renewable)              | Used cooking oil UCO  | South Africa         | General                           | Yes                          | [low]                                      | 0%                    | 0                         | 12   | 12   | 87%   | 87%   |
| Avtur (renewable)              | Used cooking oil UCO  | Spain                | General                           | Yes                          | 2  | [low%]                | 0                         | 16   | 16   | 83%   | 83%   |
| Avtur (renewable)              | Used cooking oil UCO  | Sweden               | General                           | Yes                          | [low]                                      | 0%                    | 0                         | 16   | 16   | 83%   | 83%   |
| Avtur (renewable)              | Used cooking oil UCO  | Taiwan               | General                           | Yes                          | [low]                                      | [low%]                | 0                         | 5  | 5  | 95%   | 95%   |
| Avtur (renewable)              | Used cooking oil UCO  | Thailand             | General                           | Yes                          | [low]                                      | 0%                    | 0                         | 4  | 4  | 96%   | 96%   |
| Avtur (renewable)              | Used cooking oil UCO  | United Arab Emirates | General                           | Yes                          | 1  | [low%]                | 0                         | 9  | 9  | 91%   | 91%   |
| Avtur (renewable)              | Used cooking oil UCO  | United Kingdom       | General                           | Yes                          | 8  | [low%]                | 0                         | 8  | 8  | 92%   | 92%   |
| Avtur (renewable)              | Used cooking oil UCO  | United States        | General                           | Yes                          | 1  | [low%]                | 0                         | 16   | 16   | 83%   | 83%   |
| Avtur (renewable)              | Used cooking oil UCO  | Uruguay              | General                           | Yes                          | [low]                                      | 0%                    | 0                         | 4  | 4  | 96%   | 96%   |
| Avtur (renewable)              | Used cooking oil UCO  | Vietnam              | General                           | Yes                          | 1  | [low%]                | 0                         | 11   | 11   | 89%   | 89%   |
| <b>Avtur (renewable) Total</b> | <b>All feedstocks</b> | <b>All countries</b> | <b>All certificates</b>           | <b>All counting types</b>    | <b>97</b>                                  | <b>3%</b>             | <b>0</b>                  | <b>11</b>                                    | <b>11</b>                                    | <b>89%</b>                                  | <b>89%</b>                                  |
| Biobutane                      | Food waste            | Poland               | General                           | Yes                          | [low]                                      | [low%]                | 0                         | 17   | 17   | 82%   | 82%   |
| Biobutane                      | Food waste            | Ukraine              | General                           | Yes                          | [low]                                      | 0%                    | 0                         | 24   | 24   | 74%   | 74%   |
| <b>Biobutane Total</b>         | <b>All feedstocks</b> | <b>All countries</b> | <b>All certificates</b>           | <b>All counting types</b>    | <b>[low]</b>                               | <b>[low%]</b>         | <b>0</b>                  | <b>17</b>                                    | <b>17</b>                                    | <b>81%</b>                                  | <b>81%</b>                                  |

|              |  |                             |               |     |       |        |    |    |    |     |     |
|--------------|--|-----------------------------|---------------|-----|-------|--------|----|----|----|-----|-----|
| Biodiesel ME | Brown grease                                 | Argentina                   | General       | Yes | [low] | 0%     | 0  | 24 | 24 | 75% | 75% |
| Biodiesel ME | Brown grease                                 | China                       | General       | Yes | 33    | 1%     | 0  | 12 | 12 | 87% | 87% |
| Biodiesel ME | Brown grease                                 | United Kingdom              | General       | Yes | 1     | [low%] | 0  | 29 | 29 | 69% | 69% |
| Biodiesel ME | Crude glycerine                              | United Kingdom              | General       | Yes | [low] | [low%] | 0  | 15 | 15 | 84% | 84% |
| Biodiesel ME | Empty palm fruit bunches                     | Indonesia                   | General       | Yes | [low] | [low%] | 0  | 17 | 17 | 82% | 82% |
| Biodiesel ME | Empty palm fruit bunches                     | Malaysia                    | General       | Yes | 3     | [low%] | 0  | 13 | 13 | 86% | 86% |
| Biodiesel ME | Food waste                                   | China                       | General       | Yes | 1     | [low%] | 0  | 12 | 12 | 88% | 88% |
| Biodiesel ME | Food waste                                   | Poland                      | General       | Yes | [low] | 0%     | 0  | 13 | 13 | 86% | 86% |
| Biodiesel ME | Food waste                                   | Romania                     | General       | Yes | [low] | 0%     | 0  | 13 | 13 | 86% | 86% |
| Biodiesel ME | Food waste                                   | Spain                       | General       | Yes | [low] | 0%     | 0  | 38 | 38 | 60% | 60% |
| Biodiesel ME | Food waste                                   | United Kingdom              | General       | Yes | 5     | [low%] | 0  | 12 | 12 | 87% | 87% |
| Biodiesel ME | Oilseed rape                                 | Australia                   | Relevant Crop | No  | 9     | [low%] | 55 | 29 | 84 | 69% | 10% |
| Biodiesel ME | Oilseed rape                                 | Bulgaria                    | Relevant Crop | No  | [low] | 0%     | 55 | 31 | 86 | 67% | 9%  |
| Biodiesel ME | Oilseed rape                                 | Czech Republic              | Relevant Crop | No  | 1     | [low%] | 55 | 32 | 87 | 66% | 8%  |
| Biodiesel ME | Oilseed rape                                 | Denmark                     | Relevant Crop | No  | 5     | [low%] | 55 | 36 | 91 | 62% | 3%  |
| Biodiesel ME | Oilseed rape                                 | France                      | Relevant Crop | No  | [low] | 0%     | 55 | 34 | 89 | 64% | 5%  |
| Biodiesel ME | Oilseed rape                                 | Germany                     | Relevant Crop | No  | 4     | [low%] | 55 | 32 | 87 | 66% | 7%  |
| Biodiesel ME | Oilseed rape                                 | Latvia                      | Relevant Crop | No  | 3     | [low%] | 55 | 39 | 94 | 58% | 0%  |
| Biodiesel ME | Oilseed rape                                 | Lithuania                   | Relevant Crop | No  | 2     | [low%] | 55 | 38 | 93 | 59% | 1%  |
| Biodiesel ME | Oilseed rape                                 | Poland                      | Relevant Crop | No  | 1     | [low%] | 55 | 32 | 87 | 66% | 8%  |
| Biodiesel ME | Oilseed rape                                 | Ukraine                     | Relevant Crop | No  | 1     | [low%] | 55 | 42 | 97 | 55% | -3% |
| Biodiesel ME | Palm   | Indonesia                   | Relevant Crop | No  | 2     | [low%] | 55 | 37 | 92 | 61% | 2%  |
| Biodiesel ME | Palm   | Malaysia                    | Relevant Crop | No  | 1     | [low%] | 55 | 36 | 91 | 62% | 3%  |
| Biodiesel ME | Palm fatty acid distillate                   | Indonesia                   | Relevant Crop | No  | [low] | 0%     | 55 | 13 | 68 | 86% | 27% |
| Biodiesel ME | Palm oil mill effluent                       | Cote d'Ivoire (Ivory Coast) | General       | Yes | [low] | [low%] | 0  | 21 | 21 | 78% | 78% |
| Biodiesel ME | Palm oil mill effluent                       | Ecuador                     | General       | Yes | [low] | 0%     | 0  | 21 | 21 | 78% | 78% |
| Biodiesel ME | Palm oil mill effluent                       | Honduras                    | General       | Yes | [low] | [low%] | 0  | 18 | 18 | 81% | 81% |
| Biodiesel ME | Palm oil mill effluent                       | Indonesia                   | General       | Yes | 135   | 4%     | 0  | 16 | 16 | 83% | 83% |
| Biodiesel ME | Palm oil mill effluent                       | Malaysia                    | General       | Yes | 60    | 2%     | 0  | 15 | 15 | 85% | 85% |
| Biodiesel ME | Palm oil mill effluent                       | Mexico                      | General       | Yes | [low] | 0%     | 0  | 21 | 21 | 78% | 78% |
| Biodiesel ME | Palm oil mill effluent                       | Panama                      | General       | Yes | [low] | 0%     | 0  | 21 | 21 | 78% | 78% |
| Biodiesel ME | Rapeseed residue - single counting           | Australia                   | General       | No  | [low] | [low%] | 0  | 28 | 40 | 70% | 58% |
| Biodiesel ME | Rapeseed residue - single counting           | Lithuania                   | General       | No  | [low] | [low%] | 0  | 27 | 27 | 71% | 71% |
| Biodiesel ME | Rapeseed residue - single counting           | Poland                      | General       | No  | 1     | [low%] | 0  | 34 | 34 | 64% | 64% |
| Biodiesel ME | Rapeseed residue - single counting           | Romania                     | General       | No  | [low] | 0%     | 0  | 34 | 89 | 64% | 6%  |
| Biodiesel ME | Rapeseed residue - single counting           | Ukraine                     | General       | No  | [low] | 0%     | 0  | 36 | 36 | 62% | 62% |
| Biodiesel ME | Sewage sludge                                | China                       | General       | Yes | [low] | 0%     | 0  | 12 | 12 | 88% | 88% |
| Biodiesel ME | Sewage sludge                                | Indonesia                   | General       | Yes | 4     | [low%] | 0  | 14 | 14 | 85% | 85% |
| Biodiesel ME | Sewage sludge                                | Malaysia                    | General       | Yes | [low] | 0%     | 0  | 12 | 12 | 88% | 88% |
| Biodiesel ME | Sewage system FOG                            | Argentina                   | General       | Yes | [low] | 0%     | 0  | 16 | 16 | 83% | 83% |
| Biodiesel ME | Sewage system FOG                            | United Kingdom              | General       | Yes | [low] | 0%     | 0  | 12 | 12 | 88% | 88% |
| Biodiesel ME | Soapstock acid oil contaminated with sulphur | Argentina                   | General       | Yes | [low] | 0%     | 0  | 23 | 23 | 76% | 76% |
| Biodiesel ME | Soapstock acid oil contaminated with sulphur | Belgium                     | General       | Yes | [low] | [low%] | 0  | 18 | 18 | 81% | 81% |
| Biodiesel ME | Soapstock acid oil contaminated with sulphur | Brazil                      | General       | Yes | 7     | [low%] | 0  | 21 | 21 | 78% | 78% |
| Biodiesel ME | Soapstock acid oil contaminated with sulphur | Bulgaria                    | General       | Yes | [low] | [low%] | 0  | 7  | 7  | 92% | 92% |
| Biodiesel ME | Soapstock acid oil contaminated with sulphur | Colombia                    | General       | Yes | [low] | 0%     | 0  | 18 | 18 | 81% | 81% |
| Biodiesel ME | Soapstock acid oil contaminated with sulphur | Egypt                       | General       | Yes | [low] | 0%     | 0  | 17 | 17 | 82% | 82% |
| Biodiesel ME | Soapstock acid oil contaminated with sulphur | France                      | General       | Yes | 1     | [low%] | 0  | 23 | 23 | 76% | 76% |
| Biodiesel ME | Soapstock acid oil contaminated with sulphur | Germany                     | General       | Yes | [low] | [low%] | 0  | 19 | 19 | 80% | 80% |
| Biodiesel ME | Soapstock acid oil contaminated with sulphur | Indonesia                   | General       | Yes | [low] | 0%     | 0  | 12 | 12 | 88% | 88% |
| Biodiesel ME | Soapstock acid oil contaminated with sulphur | Italy                       | General       | Yes | 1     | [low%] | 0  | 21 | 21 | 77% | 77% |
| Biodiesel ME | Soapstock acid oil contaminated with sulphur | Malaysia                    | General       | Yes | [low] | [low%] | 0  | 15 | 15 | 84% | 84% |
| Biodiesel ME | Soapstock acid oil contaminated with sulphur | Morocco                     | General       | Yes | 1     | [low%] | 0  | 14 | 14 | 85% | 85% |
| Biodiesel ME | Soapstock acid oil contaminated with sulphur | Netherlands                 | General       | Yes | 1     | [low%] | 0  | 17 | 17 | 82% | 82% |
| Biodiesel ME | Soapstock acid oil contaminated with sulphur | Poland                      | General       | Yes | [low] | 0%     | 0  | 20 | 20 | 79% | 79% |
| Biodiesel ME | Soapstock acid oil contaminated with sulphur | Portugal                    | General       | Yes | [low] | [low%] | 0  | 15 | 15 | 84% | 84% |
| Biodiesel ME | Soapstock acid oil contaminated with sulphur | Spain                       | General       | Yes | 6     | [low%] | 0  | 15 | 15 | 84% | 84% |
| Biodiesel ME | Soapstock acid oil contaminated with sulphur | Tunisia                     | General       | Yes | [low] | 0%     | 0  | 20 | 20 | 78% | 78% |
| Biodiesel ME | Soapstock acid oil contaminated with sulphur | Turkey                      | General       | Yes | 3     | [low%] | 0  | 19 | 19 | 80% | 80% |
| Biodiesel ME | Soapstock acid oil contaminated with sulphur | Ukraine                     | General       | Yes | [low] | 0%     | 0  | 21 | 21 | 78% | 78% |
| Biodiesel ME | Soapstock acid oil contaminated with sulphur | United Kingdom              | General       | Yes | 3     | [low%] | 0  | 19 | 19 | 80% | 80% |
| Biodiesel ME | Soy  | Argentina                   | Relevant Crop | No  | 75    | 2%     | 55 | 36 | 91 | 62% | 4%  |
| Biodiesel ME | Soy  | Brazil                      | Relevant Crop | No  | 8     | [low%] | 55 | 33 | 88 | 65% | 7%  |
| Biodiesel ME | Soy  | Czech Republic              | Relevant Crop | No  | [low] | 0%     | 55 | 40 | 95 | 58% | -1% |
| Biodiesel ME | Soy  | Indonesia                   | Relevant Crop | No  | [low] | 0%     | 55 | 27 | 82 | 72% | 13% |
| Biodiesel ME | Soy  | Paraguay                    | Relevant Crop | No  | 5     | [low%] | 55 | 37 | 92 | 61% | 2%  |
| Biodiesel ME | Soy  | Ukraine                     | Relevant Crop | No  | [low] | [low%] | 55 | 40 | 95 | 57% | -1% |

|              |                       |                      |         |     |       |        |   |    |    |     |     |
|--------------|-----------------------|----------------------|---------|-----|-------|--------|---|----|----|-----|-----|
| Biodiesel ME | Spent bleaching earth | China                | General | Yes | 2     | [low%] | 0 | 12 | 12 | 88% | 88% |
| Biodiesel ME | Spent bleaching earth | Malaysia             | General | Yes | 2     | [low%] | 0 | 20 | 20 | 78% | 78% |
| Biodiesel ME | Tallow - category 1   | Belgium              | General | Yes | [low] | 0%     | 0 | 20 | 20 | 79% | 79% |
| Biodiesel ME | Tallow - category 1   | Chile                | General | Yes | [low] | 0%     | 0 | 12 | 12 | 87% | 87% |
| Biodiesel ME | Tallow - category 1   | China                | General | Yes | [low] | 0%     | 0 | 8  | 8  | 91% | 91% |
| Biodiesel ME | Tallow - category 1   | France               | General | Yes | [low] | 0%     | 0 | 20 | 20 | 78% | 78% |
| Biodiesel ME | Tallow - category 1   | Germany              | General | Yes | [low] | 0%     | 0 | 20 | 20 | 78% | 78% |
| Biodiesel ME | Tallow - category 1   | Ireland, Republic of | General | Yes | 5     | [low%] | 0 | 18 | 18 | 81% | 81% |
| Biodiesel ME | Tallow - category 1   | Israel               | General | Yes | [low] | 0%     | 0 | 21 | 21 | 78% | 78% |
| Biodiesel ME | Tallow - category 1   | Italy                | General | Yes | [low] | 0%     | 0 | 21 | 21 | 78% | 78% |
| Biodiesel ME | Tallow - category 1   | Netherlands          | General | Yes | 1     | [low%] | 0 | 21 | 21 | 78% | 78% |
| Biodiesel ME | Tallow - category 1   | Poland               | General | Yes | 1     | [low%] | 0 | 21 | 21 | 78% | 78% |
| Biodiesel ME | Tallow - category 1   | Portugal             | General | Yes | [low] | 0%     | 0 | 21 | 21 | 78% | 78% |
| Biodiesel ME | Tallow - category 1   | Serbia               | General | Yes | [low] | 0%     | 0 | 20 | 20 | 79% | 79% |
| Biodiesel ME | Tallow - category 1   | Spain                | General | Yes | [low] | 0%     | 0 | 20 | 20 | 79% | 79% |
| Biodiesel ME | Tallow - category 1   | Switzerland          | General | Yes | [low] | 0%     | 0 | 21 | 21 | 78% | 78% |
| Biodiesel ME | Tallow - category 1   | United Kingdom       | General | Yes | 10    | [low%] | 0 | 19 | 19 | 80% | 80% |
| Biodiesel ME | Used cooking oil UCO  | Argentina            | General | Yes | 4     | [low%] | 0 | 11 | 11 | 88% | 88% |
| Biodiesel ME | Used cooking oil UCO  | Aruba                | General | Yes | [low] | 0%     | 0 | 11 | 11 | 89% | 89% |
| Biodiesel ME | Used cooking oil UCO  | Australia            | General | Yes | 1     | [low%] | 0 | 11 | 11 | 88% | 88% |
| Biodiesel ME | Used cooking oil UCO  | Austria              | General | Yes | [low] | [low%] | 0 | 17 | 17 | 82% | 82% |
| Biodiesel ME | Used cooking oil UCO  | Bahamas              | General | Yes | [low] | 0%     | 0 | 9  | 9  | 90% | 90% |
| Biodiesel ME | Used cooking oil UCO  | Bahrain              | General | Yes | 1     | [low%] | 0 | 11 | 11 | 88% | 88% |
| Biodiesel ME | Used cooking oil UCO  | Bangladesh           | General | Yes | [low] | 0%     | 0 | 12 | 12 | 87% | 87% |
| Biodiesel ME | Used cooking oil UCO  | Belarus              | General | Yes | [low] | 0%     | 0 | 13 | 13 | 86% | 86% |
| Biodiesel ME | Used cooking oil UCO  | Belgium              | General | Yes | 4     | [low%] | 0 | 12 | 12 | 88% | 88% |
| Biodiesel ME | Used cooking oil UCO  | Bolivia              | General | Yes | [low] | 0%     | 0 | 9  | 9  | 90% | 90% |
| Biodiesel ME | Used cooking oil UCO  | Brazil               | General | Yes | [low] | 0%     | 0 | 11 | 11 | 88% | 88% |
| Biodiesel ME | Used cooking oil UCO  | Bulgaria             | General | Yes | 8     | [low%] | 0 | 9  | 9  | 90% | 90% |
| Biodiesel ME | Used cooking oil UCO  | Cambodia             | General | Yes | 1     | [low%] | 0 | 13 | 13 | 87% | 87% |
| Biodiesel ME | Used cooking oil UCO  | Canada               | General | Yes | [low] | [low%] | 0 | 12 | 12 | 87% | 87% |
| Biodiesel ME | Used cooking oil UCO  | Chile                | General | Yes | 7     | [low%] | 0 | 10 | 10 | 89% | 89% |
| Biodiesel ME | Used cooking oil UCO  | China                | General | Yes | 506   | 14%    | 0 | 10 | 10 | 89% | 89% |
| Biodiesel ME | Used cooking oil UCO  | Colombia             | General | Yes | 2     | [low%] | 0 | 11 | 11 | 88% | 88% |
| Biodiesel ME | Used cooking oil UCO  | Croatia              | General | Yes | [low] | 0%     | 0 | 10 | 10 | 90% | 90% |
| Biodiesel ME | Used cooking oil UCO  | Cyprus               | General | Yes | [low] | 0%     | 0 | 13 | 13 | 86% | 86% |
| Biodiesel ME | Used cooking oil UCO  | Czech Republic       | General | Yes | 1     | [low%] | 0 | 10 | 10 | 89% | 89% |
| Biodiesel ME | Used cooking oil UCO  | Denmark              | General | Yes | 1     | [low%] | 0 | 9  | 9  | 90% | 90% |
| Biodiesel ME | Used cooking oil UCO  | Ecuador              | General | Yes | [low] | 0%     | 0 | 9  | 9  | 91% | 91% |
| Biodiesel ME | Used cooking oil UCO  | Egypt                | General | Yes | 5     | [low%] | 0 | 11 | 11 | 88% | 88% |
| Biodiesel ME | Used cooking oil UCO  | Estonia              | General | Yes | [low] | 0%     | 0 | 10 | 10 | 89% | 89% |
| Biodiesel ME | Used cooking oil UCO  | Finland              | General | Yes | [low] | 0%     | 0 | 12 | 12 | 87% | 87% |
| Biodiesel ME | Used cooking oil UCO  | France               | General | Yes | 7     | [low%] | 0 | 11 | 11 | 89% | 89% |
| Biodiesel ME | Used cooking oil UCO  | Germany              | General | Yes | 22    | 1%     | 0 | 10 | 10 | 89% | 89% |
| Biodiesel ME | Used cooking oil UCO  | Ghana                | General | Yes | [low] | 0%     | 0 | 12 | 12 | 87% | 87% |
| Biodiesel ME | Used cooking oil UCO  | Greece               | General | Yes | 4     | [low%] | 0 | 11 | 11 | 88% | 88% |
| Biodiesel ME | Used cooking oil UCO  | Guatemala            | General | Yes | [low] | 0%     | 0 | 12 | 12 | 87% | 87% |
| Biodiesel ME | Used cooking oil UCO  | Hong Kong            | General | Yes | 1     | [low%] | 0 | 13 | 13 | 87% | 87% |
| Biodiesel ME | Used cooking oil UCO  | Hungary              | General | Yes | [low] | 0%     | 0 | 13 | 13 | 86% | 86% |
| Biodiesel ME | Used cooking oil UCO  | Indonesia            | General | Yes | 20    | 1%     | 0 | 13 | 13 | 86% | 86% |
| Biodiesel ME | Used cooking oil UCO  | Iran                 | General | Yes | [low] | 0%     | 0 | 11 | 11 | 88% | 88% |
| Biodiesel ME | Used cooking oil UCO  | Iraq                 | General | Yes | 1     | [low%] | 0 | 10 | 10 | 89% | 89% |
| Biodiesel ME | Used cooking oil UCO  | Ireland, Republic of | General | Yes | 3     | [low%] | 0 | 14 | 14 | 85% | 85% |
| Biodiesel ME | Used cooking oil UCO  | Israel               | General | Yes | 1     | [low%] | 0 | 11 | 11 | 89% | 89% |
| Biodiesel ME | Used cooking oil UCO  | Italy                | General | Yes | 3     | [low%] | 0 | 14 | 14 | 85% | 85% |
| Biodiesel ME | Used cooking oil UCO  | Japan                | General | Yes | 9     | [low%] | 0 | 12 | 12 | 87% | 87% |
| Biodiesel ME | Used cooking oil UCO  | Jordan               | General | Yes | 1     | [low%] | 0 | 12 | 12 | 87% | 87% |
| Biodiesel ME | Used cooking oil UCO  | Kazakhstan           | General | Yes | 3     | [low%] | 0 | 11 | 11 | 88% | 88% |
| Biodiesel ME | Used cooking oil UCO  | Kenya                | General | Yes | [low] | 0%     | 0 | 10 | 10 | 90% | 90% |
| Biodiesel ME | Used cooking oil UCO  | Kuwait               | General | Yes | 3     | [low%] | 0 | 11 | 11 | 88% | 88% |
| Biodiesel ME | Used cooking oil UCO  | Latvia               | General | Yes | [low] | 0%     | 0 | 9  | 9  | 90% | 90% |
| Biodiesel ME | Used cooking oil UCO  | Lebanon              | General | Yes | 1     | [low%] | 0 | 12 | 12 | 88% | 88% |
| Biodiesel ME | Used cooking oil UCO  | Lithuania            | General | Yes | 2     | [low%] | 0 | 8  | 8  | 91% | 91% |
| Biodiesel ME | Used cooking oil UCO  | Luxembourg           | General | Yes | [low] | 0%     | 0 | 11 | 11 | 88% | 88% |
| Biodiesel ME | Used cooking oil UCO  | Malaysia             | General | Yes | 70    | 2%     | 0 | 13 | 13 | 86% | 86% |
| Biodiesel ME | Used cooking oil UCO  | Mexico               | General | Yes | [low] | 0%     | 0 | 13 | 13 | 87% | 87% |
| Biodiesel ME | Used cooking oil UCO  | Morocco              | General | Yes | [low] | 0%     | 0 | 9  | 9  | 91% | 91% |

|                           |   |                            |                         |                           |              |            |          |           |           |            |            |
|---------------------------|---|----------------------------|-------------------------|---------------------------|--------------|------------|----------|-----------|-----------|------------|------------|
| Biodiesel ME              | Used cooking oil UCO                              | Namibia                    | General                 | Yes                       | [low]        | 0%         | 0        | 13        | 13        | 86%        | 86%        |
| Biodiesel ME              | Used cooking oil UCO                              | Netherlands                | General                 | Yes                       | 9            | [low%]     | 0        | 12        | 12        | 88%        | 88%        |
| Biodiesel ME              | Used cooking oil UCO                              | New Zealand                | General                 | Yes                       | [low]        | 0%         | 0        | 13        | 13        | 86%        | 86%        |
| Biodiesel ME              | Used cooking oil UCO                              | Norway                     | General                 | Yes                       | [low]        | 0%         | 0        | 12        | 12        | 87%        | 87%        |
| Biodiesel ME              | Used cooking oil UCO                              | Oman                       | General                 | Yes                       | 1            | [low%]     | 0        | 11        | 11        | 88%        | 88%        |
| Biodiesel ME              | Used cooking oil UCO                              | Pakistan                   | General                 | Yes                       | 1            | [low%]     | 0        | 10        | 10        | 90%        | 90%        |
| Biodiesel ME              | Used cooking oil UCO                              | Panama                     | General                 | Yes                       | [low]        | [low%]     | 0        | 12        | 12        | 87%        | 87%        |
| Biodiesel ME              | Used cooking oil UCO                              | Peru                       | General                 | Yes                       | 6            | [low%]     | 0        | 10        | 10        | 90%        | 90%        |
| Biodiesel ME              | Used cooking oil UCO                              | Philippines                | General                 | Yes                       | 1            | [low%]     | 0        | 12        | 12        | 87%        | 87%        |
| Biodiesel ME              | Used cooking oil UCO                              | Poland                     | General                 | Yes                       | 50           | 1%         | 0        | 10        | 10        | 90%        | 90%        |
| Biodiesel ME              | Used cooking oil UCO                              | Qatar                      | General                 | Yes                       | 3            | [low%]     | 0        | 12        | 12        | 87%        | 87%        |
| Biodiesel ME              | Used cooking oil UCO                              | Republic of Korea          | General                 | Yes                       | 8            | [low%]     | 0        | 15        | 15        | 84%        | 84%        |
| Biodiesel ME              | Used cooking oil UCO                              | Romania                    | General                 | Yes                       | 1            | [low%]     | 0        | 8         | 8         | 91%        | 91%        |
| Biodiesel ME              | Used cooking oil UCO                              | Russian Federation         | General                 | Yes                       | [low]        | 0%         | 0        | 11        | 11        | 88%        | 88%        |
| Biodiesel ME              | Used cooking oil UCO                              | Saint Martin (French part) | General                 | Yes                       | [low]        | 0%         | 0        | 15        | 15        | 84%        | 84%        |
| Biodiesel ME              | Used cooking oil UCO                              | Saudi Arabia               | General                 | Yes                       | 25           | 1%         | 0        | 10        | 10        | 89%        | 89%        |
| Biodiesel ME              | Used cooking oil UCO                              | Singapore                  | General                 | Yes                       | 20           | 1%         | 0        | 13        | 13        | 86%        | 86%        |
| Biodiesel ME              | Used cooking oil UCO                              | Slovakia                   | General                 | Yes                       | 3            | [low%]     | 0        | 10        | 10        | 90%        | 90%        |
| Biodiesel ME              | Used cooking oil UCO                              | Slovenia                   | General                 | Yes                       | [low]        | 0%         | 0        | 10        | 10        | 90%        | 90%        |
| Biodiesel ME              | Used cooking oil UCO                              | South Africa               | General                 | Yes                       | 5            | [low%]     | 0        | 11        | 11        | 88%        | 88%        |
| Biodiesel ME              | Used cooking oil UCO                              | Spain                      | General                 | Yes                       | 12           | [low%]     | 0        | 13        | 13        | 87%        | 87%        |
| Biodiesel ME              | Used cooking oil UCO                              | Sri Lanka                  | General                 | Yes                       | [low]        | 0%         | 0        | 12        | 12        | 87%        | 87%        |
| Biodiesel ME              | Used cooking oil UCO                              | Sweden                     | General                 | Yes                       | [low]        | 0%         | 0        | 11        | 11        | 89%        | 89%        |
| Biodiesel ME              | Used cooking oil UCO                              | Switzerland                | General                 | Yes                       | [low]        | 0%         | 0        | 15        | 15        | 84%        | 84%        |
| Biodiesel ME              | Used cooking oil UCO                              | Taiwan                     | General                 | Yes                       | 26           | 1%         | 0        | 15        | 15        | 85%        | 85%        |
| Biodiesel ME              | Used cooking oil UCO                              | Tanzania                   | General                 | Yes                       | [low]        | 0%         | 0        | 10        | 10        | 90%        | 90%        |
| Biodiesel ME              | Used cooking oil UCO                              | Thailand                   | General                 | Yes                       | 22           | 1%         | 0        | 12        | 12        | 88%        | 88%        |
| Biodiesel ME              | Used cooking oil UCO                              | Trinidad and Tobago        | General                 | Yes                       | [low]        | [low%]     | 0        | 11        | 11        | 88%        | 88%        |
| Biodiesel ME              | Used cooking oil UCO                              | Tunisia                    | General                 | Yes                       | 1            | [low%]     | 0        | 9         | 9         | 91%        | 91%        |
| Biodiesel ME              | Used cooking oil UCO                              | Turkey                     | General                 | Yes                       | 1            | [low%]     | 0        | 14        | 14        | 85%        | 85%        |
| Biodiesel ME              | Used cooking oil UCO                              | Ukraine                    | General                 | Yes                       | 26           | 1%         | 0        | 10        | 10        | 89%        | 89%        |
| Biodiesel ME              | Used cooking oil UCO                              | United Arab Emirates       | General                 | Yes                       | 9            | [low%]     | 0        | 12        | 12        | 87%        | 87%        |
| Biodiesel ME              | Used cooking oil UCO                              | United Kingdom             | General                 | Yes                       | 53           | 1%         | 0        | 12        | 12        | 87%        | 87%        |
| Biodiesel ME              | Used cooking oil UCO                              | United States              | General                 | Yes                       | 3            | [low%]     | 0        | 13        | 13        | 86%        | 86%        |
| Biodiesel ME              | Used cooking oil UCO                              | Uruguay                    | General                 | Yes                       | [low]        | [low%]     | 0        | 10        | 10        | 89%        | 89%        |
| Biodiesel ME              | Used cooking oil UCO                              | Vietnam                    | General                 | Yes                       | 11           | [low%]     | 0        | 14        | 14        | 85%        | 85%        |
| Biodiesel ME              | Waste pressings from production of vegetable oils | Argentina                  | General                 | Yes                       | 1            | [low%]     | 0        | 14        | 14        | 85%        | 85%        |
| Biodiesel ME              | Waste pressings from production of vegetable oils | Belgium                    | General                 | Yes                       | [low]        | [low%]     | 0        | 14        | 14        | 85%        | 85%        |
| Biodiesel ME              | Waste pressings from production of vegetable oils | Germany                    | General                 | Yes                       | [low]        | [low%]     | 0        | 15        | 15        | 84%        | 84%        |
| Biodiesel ME              | Waste pressings from production of vegetable oils | Netherlands                | General                 | Yes                       | [low]        | [low%]     | 0        | 18        | 18        | 81%        | 81%        |
| Biodiesel ME              | Waste pressings from production of vegetable oils | Portugal                   | General                 | Yes                       | [low]        | 0%         | 0        | 23        | 23        | 76%        | 76%        |
| Biodiesel ME              | Waste pressings from production of vegetable oils | Spain                      | General                 | Yes                       | 10           | [low%]     | 0        | 8         | 8         | 92%        | 92%        |
| <b>Biodiesel ME Total</b> | <b>All feedstocks</b>                             | <b>All countries</b>       | <b>All certificates</b> | <b>All counting types</b> | <b>1,412</b> | <b>40%</b> | <b>5</b> | <b>14</b> | <b>19</b> | <b>85%</b> | <b>80%</b> |
| Bioethanol                | Barley  | Germany                    | Relevant Crop           | No                        | 1            | [low%]     | 12       | 24        | 36        | 74%        | 62%        |
| Bioethanol                | Corn  | Argentina                  | Relevant Crop           | No                        | 12           | [low%]     | 12       | 23        | 35        | 75%        | 63%        |
| Bioethanol                | Corn  | Brazil                     | Relevant Crop           | No                        | 2            | [low%]     | 12       | 33        | 45        | 65%        | 52%        |
| Bioethanol                | Corn  | Canada                     | Relevant Crop           | No                        | 16           | [low%]     | 12       | 29        | 41        | 69%        | 57%        |
| Bioethanol                | Corn  | France                     | Relevant Crop           | No                        | 2            | [low%]     | 12       | 18        | 30        | 81%        | 68%        |
| Bioethanol                | Corn  | Hungary                    | Relevant Crop           | No                        | 3            | [low%]     | 12       | 23        | 35        | 75%        | 62%        |
| Bioethanol                | Corn  | Paraguay                   | Relevant Crop           | No                        | 10           | [low%]     | 12       | 17        | 29        | 82%        | 70%        |
| Bioethanol                | Corn  | Poland                     | Relevant Crop           | No                        | 59           | 2%         | 12       | 19        | 31        | 80%        | 67%        |
| Bioethanol                | Corn  | Romania                    | Relevant Crop           | No                        | 2            | [low%]     | 12       | 17        | 29        | 82%        | 69%        |
| Bioethanol                | Corn  | Spain                      | Relevant Crop           | No                        | 2            | [low%]     | 12       | 31        | 43        | 67%        | 54%        |
| Bioethanol                | Corn  | Ukraine                    | Relevant Crop           | No                        | 46           | 1%         | 12       | 21        | 33        | 78%        | 65%        |
| Bioethanol                | Corn  | United States              | Relevant Crop           | No                        | 315          | 9%         | 12       | 37        | 49        | 60%        | 48%        |
| Bioethanol                | Ethanol from cleaning/extraction of blood plasma  | Germany                    | General                 | Yes                       | 2            | [low%]     | 0        | 25        | 25        | 74%        | 74%        |
| Bioethanol                | Ethanol from extraction from medicinal plants     | Germany                    | General                 | Yes                       | 2            | [low%]     | 0        | 24        | 24        | 75%        | 75%        |
| Bioethanol                | Food waste  | Belgium                    | General                 | Yes                       | [low]        | 0%         | 0        | 33        | 33        | 65%        | 65%        |
| Bioethanol                | Food waste  | Finland                    | General                 | Yes                       | [low]        | 0%         | 0        | 8         | 8         | 92%        | 92%        |
| Bioethanol                | Food waste  | France                     | General                 | Yes                       | 1            | [low%]     | 0        | 34        | 34        | 64%        | 64%        |
| Bioethanol                | Food waste  | Germany                    | General                 | Yes                       | 6            | [low%]     | 0        | 25        | 25        | 73%        | 73%        |
| Bioethanol                | Food waste  | Hungary                    | General                 | Yes                       | 2            | [low%]     | 0        | 13        | 13        | 86%        | 86%        |
| Bioethanol                | Food waste  | Latvia                     | General                 | Yes                       | 2            | [low%]     | 0        | 10        | 10        | 90%        | 90%        |
| Bioethanol                | Food waste  | Lithuania                  | General                 | Yes                       | [low]        | 0%         | 0        | 9         | 9         | 90%        | 90%        |
| Bioethanol                | Food waste  | Panama                     | General                 | Yes                       | 1            | [low%]     | 0        | 30        | 30        | 68%        | 68%        |
| Bioethanol                | Food waste  | Poland                     | General                 | Yes                       | 17           | [low%]     | 0        | 21        | 21        | 78%        | 78%        |

|                         |   |                      |                         |                           |              |            |          |           |           |            |            |
|-------------------------|---|----------------------|-------------------------|---------------------------|--------------|------------|----------|-----------|-----------|------------|------------|
| Bioethanol              | Food waste  | Sweden               | General                 | Yes                       | [low]        | [low%]     | 0        | 5         | 5         | 95%        | 95%        |
| Bioethanol              | Food waste  | Ukraine              | General                 | Yes                       | 6            | [low%]     | 0        | 3         | 3         | 97%        | 97%        |
| Bioethanol              | Out of date disinfectant                            | Germany              | General                 | Yes                       | [low]        | [low%]     | 0        | 12        | 12        | 87%        | 87%        |
| Bioethanol              | Out of date disinfectant                            | Netherlands          | General                 | Yes                       | [low]        | [low%]     | 0        | 12        | 12        | 88%        | 88%        |
| Bioethanol              | Starch slurry (waste)                               | Austria              | General                 | Yes                       | 7            | [low%]     | 0        | 1         | 1         | 99%        | 99%        |
| Bioethanol              | Starch slurry (waste)                               | Belgium              | General                 | Yes                       | 5            | [low%]     | 0        | 5         | 5         | 95%        | 95%        |
| Bioethanol              | Starch slurry (waste)                               | France               | General                 | Yes                       | 41           | 1%         | 0        | 10        | 10        | 89%        | 89%        |
| Bioethanol              | Starch slurry (waste)                               | Germany              | General                 | Yes                       | 14           | [low%]     | 0        | -[low]    | -[low]    | 102%       | 102%       |
| Bioethanol              | Starch slurry (waste)                               | Hungary              | General                 | Yes                       | 7            | [low%]     | 0        | 15        | 15        | 84%        | 84%        |
| Bioethanol              | Starch slurry (waste)                               | Kazakhstan           | General                 | Yes                       | 15           | [low%]     | 0        | 26        | 29        | 73%        | 69%        |
| Bioethanol              | Starch slurry (waste)                               | Lithuania            | General                 | Yes                       | 4            | [low%]     | 0        | 11        | 11        | 88%        | 88%        |
| Bioethanol              | Starch slurry (waste)                               | United States        | General                 | Yes                       | 38           | 1%         | 0        | 19        | 19        | 80%        | 80%        |
| Bioethanol              | Straw   | Ukraine              | General                 | Yes                       | 1            | [low%]     | 0        | 5         | 5         | 95%        | 95%        |
| Bioethanol              | Sugar beet  | France               | Relevant Crop           | No                        | 5            | [low%]     | 13       | 38        | 50        | 59%        | 47%        |
| Bioethanol              | Sugar beet betaine residue                          | United Kingdom       | General                 | Yes                       | 49           | 1%         | 0        | 14        | 14        | 85%        | 85%        |
| Bioethanol              | Sugar beet tops, tails, chips & process water       | Ukraine              | General                 | Yes                       | 18           | 1%         | 0        | 10        | 10        | 89%        | 89%        |
| Bioethanol              | Sugar cane  | Bolivia              | Relevant Crop           | No                        | [low]        | 0%         | 13       | 29        | 42        | 70%        | 56%        |
| Bioethanol              | Sugar cane  | Brazil               | Relevant Crop           | No                        | 201          | 6%         | 13       | 27        | 39        | 71%        | 59%        |
| Bioethanol              | Sugar cane  | Costa Rica           | Relevant Crop           | No                        | [low]        | [low%]     | 13       | 16        | 29        | 83%        | 69%        |
| Bioethanol              | Sugar cane  | Guatemala            | Relevant Crop           | No                        | 16           | [low%]     | 13       | 21        | 34        | 78%        | 64%        |
| Bioethanol              | Sugar cane  | United States        | Relevant Crop           | No                        | 3            | [low%]     | 13       | 29        | 42        | 70%        | 56%        |
| Bioethanol              | Unrefined liquid dextrose ultrafiltration retentate | United States        | General                 | Yes                       | 270          | 8%         | 0        | 20        | 20        | 79%        | 79%        |
| Bioethanol              | Wheat   | Belgium              | Relevant Crop           | No                        | 1            | [low%]     | 12       | 25        | 37        | 74%        | 61%        |
| Bioethanol              | Wheat   | Czech Republic       | Relevant Crop           | No                        | 3            | [low%]     | 12       | 18        | 30        | 81%        | 68%        |
| Bioethanol              | Wheat   | France               | Relevant Crop           | No                        | 4            | [low%]     | 12       | 31        | 43        | 67%        | 55%        |
| Bioethanol              | Wheat   | Germany              | Relevant Crop           | No                        | 1            | [low%]     | 12       | 24        | 36        | 74%        | 61%        |
| Bioethanol              | Wheat   | Latvia               | Relevant Crop           | No                        | [low]        | 0%         | 12       | 27        | 39        | 71%        | 58%        |
| Bioethanol              | Wheat   | United Kingdom       | Relevant Crop           | No                        | 195          | 5%         | 12       | 18        | 30        | 81%        | 68%        |
| <b>Bioethanol Total</b> | <b>All feedstocks</b>                               | <b>All countries</b> | <b>All certificates</b> | <b>All counting types</b> | <b>1,406</b> | <b>40%</b> | <b>8</b> | <b>24</b> | <b>31</b> | <b>75%</b> | <b>67%</b> |
|                         |   |                      |                         |                           |              |            |          |           |           |            |            |
| Biomethane (compressed) | Brown grease  | Ireland, Republic of | General                 | Yes                       | [low]        | 0%         | 0        | 15        | 15        | 84%        | 84%        |
| Biomethane (compressed) | Brown grease  | Netherlands          | General                 | Yes                       | 6            | [low%]     | 0        | 14        | 14        | 85%        | 85%        |
| Biomethane (compressed) | Cobs  | Belgium              | General                 | Yes                       | [low]        | 0%         | 0        | 13        | 13        | 86%        | 86%        |
| Biomethane (compressed) | Crude glycerine                                     | Belgium              | General                 | Yes                       | [low]        | 0%         | 0        | 14        | 14        | 86%        | 86%        |
| Biomethane (compressed) | Crude glycerine                                     | Brazil               | General                 | Yes                       | [low]        | 0%         | 0        | 29        | 29        | 69%        | 69%        |
| Biomethane (compressed) | Crude glycerine                                     | France               | General                 | Yes                       | [low]        | 0%         | 0        | 19        | 19        | 80%        | 80%        |
| Biomethane (compressed) | Crude glycerine                                     | Germany              | General                 | Yes                       | 6            | [low%]     | 0        | 24        | 24        | 75%        | 75%        |
| Biomethane (compressed) | Crude glycerine                                     | Ireland, Republic of | General                 | Yes                       | [low]        | 0%         | 0        | 17        | 17        | 82%        | 82%        |
| Biomethane (compressed) | Crude glycerine                                     | Italy                | General                 | Yes                       | [low]        | 0%         | 0        | 27        | 27        | 71%        | 71%        |
| Biomethane (compressed) | Crude glycerine                                     | Netherlands          | General                 | Yes                       | 3            | [low%]     | 0        | 15        | 15        | 84%        | 84%        |
| Biomethane (compressed) | Crude glycerine                                     | Sweden               | General                 | Yes                       | [low]        | 0%         | 0        | 29        | 29        | 69%        | 69%        |
| Biomethane (compressed) | Crude glycerine                                     | United Kingdom       | General                 | Yes                       | [low]        | [low%]     | 0        | 17        | 17        | 82%        | 82%        |
| Biomethane (compressed) | Draff   | United Kingdom       | General                 | No                        | 1            | [low%]     | 0        | 16        | 16        | 83%        | 83%        |
| Biomethane (compressed) | Dry manure  | Denmark              | General                 | Yes                       | [low]        | 0%         | 0        | -[low]    | -[low]    | 198%       | 198%       |
| Biomethane (compressed) | Dry manure  | Netherlands          | General                 | Yes                       | [low]        | 0%         | 0        | -[low]    | -[low]    | 197%       | 197%       |
| Biomethane (compressed) | Food waste  | Belgium              | General                 | Yes                       | 2            | [low%]     | 0        | 20        | 20        | 78%        | 78%        |
| Biomethane (compressed) | Food waste  | Czech Republic       | General                 | Yes                       | [low]        | 0%         | 0        | 17        | 17        | 82%        | 82%        |
| Biomethane (compressed) | Food waste  | Denmark              | General                 | Yes                       | [low]        | [low%]     | 0        | 10        | 10        | 90%        | 90%        |
| Biomethane (compressed) | Food waste  | France               | General                 | Yes                       | [low]        | 0%         | 0        | 21        | 21        | 77%        | 77%        |
| Biomethane (compressed) | Food waste  | Germany              | General                 | Yes                       | [low]        | [low%]     | 0        | 18        | 18        | 81%        | 81%        |
| Biomethane (compressed) | Food waste  | Ireland, Republic of | General                 | Yes                       | [low]        | 0%         | 0        | 14        | 14        | 85%        | 85%        |
| Biomethane (compressed) | Food waste  | Netherlands          | General                 | Yes                       | 6            | [low%]     | 0        | 16        | 16        | 83%        | 83%        |
| Biomethane (compressed) | Food waste  | Spain                | General                 | Yes                       | 1            | [low%]     | 0        | 11        | 11        | 88%        | 88%        |
| Biomethane (compressed) | Food waste  | Sweden               | General                 | Yes                       | 6            | [low%]     | 0        | 12        | 12        | 87%        | 87%        |
| Biomethane (compressed) | Food waste  | United Kingdom       | General                 | Yes                       | 4            | [low%]     | 0        | 19        | 19        | 80%        | 80%        |
| Biomethane (compressed) | Glycerol  | United Kingdom       | General                 | No                        | [low]        | 0%         | 0        | 19        | 19        | 80%        | 80%        |
| Biomethane (compressed) | Husks   | Belgium              | General                 | Yes                       | [low]        | 0%         | 0        | 17        | 17        | 82%        | 82%        |
| Biomethane (compressed) | Husks   | Denmark              | General                 | Yes                       | [low]        | 0%         | 0        | 26        | 26        | 72%        | 72%        |
| Biomethane (compressed) | Husks   | Germany              | General                 | Yes                       | [low]        | [low%]     | 0        | 22        | 22        | 77%        | 77%        |
| Biomethane (compressed) | Husks   | Latvia               | General                 | Yes                       | [low]        | 0%         | 0        | 16        | 16        | 83%        | 83%        |
| Biomethane (compressed) | Husks   | Netherlands          | General                 | Yes                       | [low]        | [low%]     | 0        | 18        | 18        | 81%        | 81%        |
| Biomethane (compressed) | Matter organic non glycerol                         | Poland               | General                 | Yes                       | [low]        | 0%         | 0        | 32        | 32        | 66%        | 66%        |
| Biomethane (compressed) | Municipal grass cuttings                            | Belgium              | General                 | Yes                       | [low]        | [low%]     | 0        | 15        | 15        | 84%        | 84%        |
| Biomethane (compressed) | Municipal grass cuttings                            | Netherlands          | General                 | Yes                       | [low]        | 0%         | 0        | 21        | 21        | 78%        | 78%        |
| Biomethane (compressed) | Nut shells  | Netherlands          | General                 | Yes                       | 1            | [low%]     | 0        | 19        | 19        | 79%        | 79%        |
| Biomethane (compressed) | Organic municipal solid waste                       | Netherlands          | General                 | Yes                       | 11           | [low%]     | 0        | 15        | 15        | 84%        | 84%        |
| Biomethane (compressed) | Organic municipal solid waste                       | Spain                | General                 | Yes                       | 21           | 1%         | 0        | 18        | 18        | 81%        | 81%        |

|                                      |   |                      |                         |                           |           |           |          |           |           |            |            |
|--------------------------------------|---|----------------------|-------------------------|---------------------------|-----------|-----------|----------|-----------|-----------|------------|------------|
| Biomethane (compressed)              | Pot Ale   | United Kingdom       | General                 | Yes                       | [low]     | 0%        | 0        | 17        | 17        | 82%        | 82%        |
| Biomethane (compressed)              | Pot Ale Syrup                                       | United Kingdom       | General                 | No                        | [low]     | 0%        | 0        | 16        | 16        | 83%        | 83%        |
| Biomethane (compressed)              | Sewage sludge                                       | Belgium              | General                 | Yes                       | [low]     | 0%        | 0        | 19        | 19        | 80%        | 80%        |
| Biomethane (compressed)              | Sewage sludge                                       | Netherlands          | General                 | Yes                       | 1         | [low%]    | 0        | 23        | 23        | 75%        | 75%        |
| Biomethane (compressed)              | Sewage sludge                                       | Spain                | General                 | Yes                       | 2         | [low%]    | 0        | 13        | 13        | 87%        | 87%        |
| Biomethane (compressed)              | Sewage sludge                                       | Sweden               | General                 | Yes                       | 9         | [low%]    | 0        | 11        | 11        | 89%        | 89%        |
| Biomethane (compressed)              | Sewage sludge                                       | United Kingdom       | General                 | Yes                       | 1         | [low%]    | 0        | 21        | 21        | 78%        | 78%        |
| Biomethane (compressed)              | Sewage system FOG                                   | Netherlands          | General                 | Yes                       | [low]     | 0%        | 0        | 19        | 19        | 80%        | 80%        |
| Biomethane (compressed)              | Soapstock acid oil contaminated with sulphur        | Germany              | General                 | Yes                       | [low]     | 0%        | 0        | 28        | 28        | 70%        | 70%        |
| Biomethane (compressed)              | Spent wheat grains                                  | United Kingdom       | General                 | No                        | [low]     | 0%        | 0        | 23        | 23        | 75%        | 75%        |
| Biomethane (compressed)              | Straw   | Denmark              | General                 | Yes                       | 2         | [low%]    | 0        | 25        | 25        | 73%        | 73%        |
| Biomethane (compressed)              | Sugar beet tops, tails, chips & process water       | Netherlands          | General                 | Yes                       | [low]     | [low%]    | 0        | 19        | 20        | 79%        | 79%        |
| Biomethane (compressed)              | Sugar beet tops, tails, chips & process water       | Sweden               | General                 | Yes                       | [low]     | [low%]    | 0        | 10        | 12        | 89%        | 87%        |
| Biomethane (compressed)              | Waste pressings from production of vegetable oils   | Germany              | General                 | Yes                       | [low]     | 0%        | 0        | 21        | 21        | 78%        | 78%        |
| Biomethane (compressed)              | Waste pressings from production of vegetable oils   | Netherlands          | General                 | Yes                       | [low]     | 0%        | 0        | 15        | 15        | 84%        | 84%        |
| Biomethane (compressed)              | Waste pressings from production of vegetable oils   | Spain                | General                 | Yes                       | [low]     | 0%        | 0        | 9         | 9         | 90%        | 90%        |
| Biomethane (compressed)              | Waste pressings from production of vegetable oils   | United Kingdom       | General                 | Yes                       | [low]     | 0%        | 0        | 18        | 18        | 81%        | 81%        |
| Biomethane (compressed)              | Waste slurry from the distillation of grain mixture | United Kingdom       | General                 | Yes                       | [low]     | 0%        | 0        | 17        | 17        | 82%        | 82%        |
| Biomethane (compressed)              | Wet manure  | Belgium              | General                 | Yes                       | [low]     | [low%]    | 0        | -[low]    | -[low]    | 217%       | 217%       |
| Biomethane (compressed)              | Wet manure  | Denmark              | General                 | Yes                       | 1         | [low%]    | 0        | -[low]    | -[low]    | 202%       | 202%       |
| Biomethane (compressed)              | Wet manure  | Ireland, Republic of | General                 | Yes                       | [low]     | [low%]    | 0        | -[low]    | -[low]    | 131%       | 131%       |
| Biomethane (compressed)              | Wet manure  | Netherlands          | General                 | Yes                       | 1         | [low%]    | 0        | -[low]    | -[low]    | 183%       | 183%       |
| Biomethane (compressed)              | Wet manure  | Spain                | General                 | Yes                       | [low]     | 0%        | 0        | -[low]    | -[low]    | 189%       | 189%       |
| Biomethane (compressed)              | Wet manure  | United Kingdom       | General                 | Yes                       | 1         | [low%]    | 0        | -[low]    | -[low]    | 108%       | 108%       |
| Biomethane (compressed)              | Whole crop rye                                      | United Kingdom       | Relevant Crop           | No                        | [low]     | 0%        | 12       | 25        | 37        | 73%        | 61%        |
| <b>Biomethane (compressed) Total</b> | <b>All feedstocks</b>                               | <b>All countries</b> | <b>All certificates</b> | <b>All counting types</b> | <b>87</b> | <b>2%</b> | <b>0</b> | <b>14</b> | <b>14</b> | <b>86%</b> | <b>86%</b> |
| Biomethane (liquified)               | Brown grease  | Ireland, Republic of | General                 | Yes                       | [low]     | 0%        | 0        | 29        | 29        | 69%        | 69%        |
| Biomethane (liquified)               | Brown grease  | Netherlands          | General                 | Yes                       | 1         | [low%]    | 0        | 22        | 22        | 76%        | 76%        |
| Biomethane (liquified)               | Crude glycerine                                     | Belgium              | General                 | Yes                       | 1         | [low%]    | 0        | 24        | 24        | 74%        | 74%        |
| Biomethane (liquified)               | Crude glycerine                                     | Germany              | General                 | Yes                       | 1         | [low%]    | 0        | 26        | 26        | 73%        | 73%        |
| Biomethane (liquified)               | Crude glycerine                                     | Ireland, Republic of | General                 | Yes                       | [low]     | 0%        | 0        | 26        | 26        | 72%        | 72%        |
| Biomethane (liquified)               | Crude glycerine                                     | Netherlands          | General                 | Yes                       | 1         | [low%]    | 0        | 25        | 25        | 73%        | 73%        |
| Biomethane (liquified)               | Crude glycerine                                     | United Kingdom       | General                 | Yes                       | [low]     | 0%        | 0        | 29        | 29        | 69%        | 69%        |
| Biomethane (liquified)               | Draff   | Ireland, Republic of | General                 | No                        | [low]     | 0%        | 0        | 29        | 29        | 69%        | 69%        |
| Biomethane (liquified)               | Food waste  | Czech Republic       | General                 | Yes                       | 1         | [low%]    | 0        | 18        | 18        | 81%        | 81%        |
| Biomethane (liquified)               | Food waste  | Germany              | General                 | Yes                       | [low]     | [low%]    | 0        | 24        | 24        | 74%        | 74%        |
| Biomethane (liquified)               | Food waste  | Netherlands          | General                 | Yes                       | 5         | [low%]    | 0        | 23        | 23        | 75%        | 75%        |
| Biomethane (liquified)               | Food waste  | Spain                | General                 | Yes                       | [low]     | 0%        | 0        | 28        | 28        | 70%        | 70%        |
| Biomethane (liquified)               | Food waste  | Sweden               | General                 | Yes                       | 3         | [low%]    | 0        | 24        | 24        | 74%        | 74%        |
| Biomethane (liquified)               | Food waste  | United Kingdom       | General                 | Yes                       | 5         | [low%]    | 0        | 27        | 27        | 71%        | 71%        |
| Biomethane (liquified)               | Husks   | Belgium              | General                 | Yes                       | [low]     | 0%        | 0        | 22        | 22        | 76%        | 76%        |
| Biomethane (liquified)               | Husks   | Denmark              | General                 | Yes                       | [low]     | [low%]    | 0        | 25        | 25        | 74%        | 74%        |
| Biomethane (liquified)               | Husks   | Germany              | General                 | Yes                       | [low]     | [low%]    | 0        | 24        | 24        | 75%        | 75%        |
| Biomethane (liquified)               | Husks   | Netherlands          | General                 | Yes                       | 1         | [low%]    | 0        | 23        | 23        | 75%        | 75%        |
| Biomethane (liquified)               | Husks   | Portugal             | General                 | Yes                       | [low]     | 0%        | 0        | 25        | 25        | 74%        | 74%        |
| Biomethane (liquified)               | Municipal grass cuttings                            | Netherlands          | General                 | Yes                       | [low]     | 0%        | 0        | 21        | 21        | 78%        | 78%        |
| Biomethane (liquified)               | Nut shells  | Netherlands          | General                 | Yes                       | 1         | [low%]    | 0        | 25        | 25        | 74%        | 74%        |
| Biomethane (liquified)               | Organic municipal solid waste                       | Ireland, Republic of | General                 | Yes                       | [low]     | 0%        | 0        | 33        | 33        | 65%        | 65%        |
| Biomethane (liquified)               | Organic municipal solid waste                       | Netherlands          | General                 | Yes                       | 3         | [low%]    | 0        | 23        | 23        | 76%        | 76%        |
| Biomethane (liquified)               | Organic municipal solid waste                       | Spain                | General                 | Yes                       | 1         | [low%]    | 0        | 23        | 23        | 76%        | 76%        |
| Biomethane (liquified)               | Sewage sludge                                       | Germany              | General                 | Yes                       | [low]     | 0%        | 0        | 23        | 23        | 75%        | 75%        |
| Biomethane (liquified)               | Sewage sludge                                       | Netherlands          | General                 | Yes                       | 5         | [low%]    | 0        | 25        | 25        | 73%        | 73%        |
| Biomethane (liquified)               | Sewage sludge                                       | Spain                | General                 | Yes                       | [low]     | 0%        | 0        | 28        | 28        | 70%        | 70%        |
| Biomethane (liquified)               | Sewage sludge                                       | United Kingdom       | General                 | Yes                       | 2         | [low%]    | 0        | 27        | 27        | 72%        | 72%        |
| Biomethane (liquified)               | Soapstock acid oil contaminated with sulphur        | Germany              | General                 | Yes                       | 1         | [low%]    | 0        | 29        | 29        | 69%        | 69%        |
| Biomethane (liquified)               | Soapstock acid oil contaminated with sulphur        | United Kingdom       | General                 | Yes                       | [low]     | 0%        | 0        | 29        | 29        | 69%        | 69%        |
| Biomethane (liquified)               | Sugar beet tops, tails, chips & process water       | Germany              | General                 | Yes                       | [low]     | [low%]    | 0        | 18        | 18        | 80%        | 80%        |
| Biomethane (liquified)               | Sugar beet tops, tails, chips & process water       | Netherlands          | General                 | Yes                       | [low]     | 0%        | 0        | 24        | 24        | 74%        | 74%        |
| Biomethane (liquified)               | Used cooking oil UCO                                | Czech Republic       | General                 | Yes                       | [low]     | 0%        | 0        | 12        | 12        | 88%        | 88%        |
| Biomethane (liquified)               | Used cooking oil UCO                                | Netherlands          | General                 | Yes                       | [low]     | 0%        | 0        | 28        | 28        | 71%        | 71%        |
| Biomethane (liquified)               | Wet manure  | Ireland, Republic of | General                 | Yes                       | [low]     | [low%]    | 0        | 20        | 20        | 79%        | 79%        |
| Biomethane (liquified)               | Wet manure  | Netherlands          | General                 | Yes                       | 6         | [low%]    | 0        | -[low]    | -[low]    | 142%       | 142%       |
| Biomethane (liquified)               | Wet manure  | Spain                | General                 | Yes                       | [low]     | 0%        | 0        | -[low]    | -[low]    | 122%       | 122%       |
| Biomethane (liquified)               | Wet manure  | United Kingdom       | General                 | Yes                       | [low]     | 0%        | 0        | 26        | 26        | 72%        | 72%        |
| <b>Biomethane (liquified) Total</b>  | <b>All feedstocks</b>                               | <b>All countries</b> | <b>All certificates</b> | <b>All counting types</b> | <b>39</b> | <b>1%</b> | <b>0</b> | <b>14</b> | <b>14</b> | <b>85%</b> | <b>85%</b> |

|                                 |   |                      |                         |                           |           |               |           |           |           |            |            |
|---------------------------------|---|----------------------|-------------------------|---------------------------|-----------|---------------|-----------|-----------|-----------|------------|------------|
| Biopropane                      | End of life tyres (renewable component) | Poland               | General                 | Yes                       | [low]     | 0%            | 0         | 17        | 17        | 82%        | 82%        |
| Biopropane                      | End of life tyres (renewable component) | Sweden               | General                 | Yes                       | [low]     | 0%            | 0         | 17        | 17        | 82%        | 82%        |
| Biopropane                      | End of life tyres (renewable component) | Turkey               | General                 | Yes                       | [low]     | 0%            | 0         | 28        | 28        | 70%        | 70%        |
| Biopropane                      | Food waste                              | Poland               | General                 | Yes                       | [low]     | [low%]        | 0         | 17        | 17        | 82%        | 82%        |
| Biopropane                      | Food waste                              | Ukraine              | General                 | Yes                       | [low]     | 0%            | 0         | 24        | 24        | 74%        | 74%        |
| Biopropane                      | Palm                                    | Indonesia            | Relevant Crop           | No                        | 3         | [low%]        | 55        | 18        | 73        | 81%        | 22%        |
| Biopropane                      | Palm                                    | Malaysia             | Relevant Crop           | No                        | [low]     | 0%            | 55        | 18        | 73        | 81%        | 23%        |
| Biopropane                      | Palm fatty acid distillate              | Indonesia            | Relevant Crop           | No                        | 1         | [low%]        | 55        | 26        | 81        | 72%        | 14%        |
| Biopropane                      | Used cooking oil UCO                    | Chile                | General                 | Yes                       | [low]     | 0%            | 0         | 4         | 4         | 96%        | 96%        |
| Biopropane                      | Used cooking oil UCO                    | China                | General                 | Yes                       | 3         | [low%]        | 0         | 6         | 6         | 93%        | 93%        |
| Biopropane                      | Used cooking oil UCO                    | Colombia             | General                 | Yes                       | [low]     | 0%            | 0         | 4         | 4         | 96%        | 96%        |
| Biopropane                      | Used cooking oil UCO                    | Egypt                | General                 | Yes                       | [low]     | 0%            | 0         | 8         | 8         | 92%        | 92%        |
| Biopropane                      | Used cooking oil UCO                    | France               | General                 | Yes                       | [low]     | 0%            | 0         | 16        | 16        | 83%        | 83%        |
| Biopropane                      | Used cooking oil UCO                    | Georgia              | General                 | Yes                       | [low]     | 0%            | 0         | 5         | 5         | 95%        | 95%        |
| Biopropane                      | Used cooking oil UCO                    | Germany              | General                 | Yes                       | [low]     | 0%            | 0         | 5         | 5         | 95%        | 95%        |
| Biopropane                      | Used cooking oil UCO                    | Hong Kong            | General                 | Yes                       | [low]     | 0%            | 0         | 4         | 4         | 95%        | 95%        |
| Biopropane                      | Used cooking oil UCO                    | Indonesia            | General                 | Yes                       | 1         | [low%]        | 0         | 4         | 4         | 95%        | 95%        |
| Biopropane                      | Used cooking oil UCO                    | Ireland, Republic of | General                 | Yes                       | [low]     | 0%            | 0         | 16        | 16        | 83%        | 83%        |
| Biopropane                      | Used cooking oil UCO                    | Israel               | General                 | Yes                       | [low]     | 0%            | 0         | 5         | 5         | 95%        | 95%        |
| Biopropane                      | Used cooking oil UCO                    | Italy                | General                 | Yes                       | [low]     | 0%            | 0         | 8         | 8         | 92%        | 92%        |
| Biopropane                      | Used cooking oil UCO                    | Malaysia             | General                 | Yes                       | 5         | [low%]        | 0         | 5         | 5         | 94%        | 94%        |
| Biopropane                      | Used cooking oil UCO                    | Netherlands          | General                 | Yes                       | [low]     | [low%]        | 0         | 4         | 4         | 95%        | 95%        |
| Biopropane                      | Used cooking oil UCO                    | Peru                 | General                 | Yes                       | [low]     | 0%            | 0         | 4         | 4         | 96%        | 96%        |
| Biopropane                      | Used cooking oil UCO                    | Qatar                | General                 | Yes                       | [low]     | 0%            | 0         | 5         | 5         | 95%        | 95%        |
| Biopropane                      | Used cooking oil UCO                    | Republic of Korea    | General                 | Yes                       | [low]     | 0%            | 0         | 4         | 4         | 96%        | 96%        |
| Biopropane                      | Used cooking oil UCO                    | Saudi Arabia         | General                 | Yes                       | [low]     | 0%            | 0         | 7         | 7         | 93%        | 93%        |
| Biopropane                      | Used cooking oil UCO                    | Singapore            | General                 | Yes                       | [low]     | 0%            | 0         | 4         | 4         | 96%        | 96%        |
| Biopropane                      | Used cooking oil UCO                    | South Africa         | General                 | Yes                       | [low]     | 0%            | 0         | 4         | 4         | 96%        | 96%        |
| Biopropane                      | Used cooking oil UCO                    | Spain                | General                 | Yes                       | [low]     | 0%            | 0         | 9         | 9         | 90%        | 90%        |
| Biopropane                      | Used cooking oil UCO                    | Taiwan               | General                 | Yes                       | [low]     | 0%            | 0         | 5         | 5         | 95%        | 95%        |
| Biopropane                      | Used cooking oil UCO                    | United Kingdom       | General                 | Yes                       | [low]     | [low%]        | 0         | 5         | 5         | 95%        | 95%        |
| Biopropane                      | Used cooking oil UCO                    | Uruguay              | General                 | Yes                       | [low]     | 0%            | 0         | 4         | 4         | 96%        | 96%        |
| Biopropane                      | Used cooking oil UCO                    | Vietnam              | General                 | Yes                       | [low]     | 0%            | 0         | 4         | 4         | 96%        | 96%        |
| <b>Biopropane Total</b>         | <b>All feedstocks</b>                   | <b>All countries</b> | <b>All certificates</b> | <b>All counting types</b> | <b>13</b> | <b>[low%]</b> | <b>15</b> | <b>10</b> | <b>25</b> | <b>89%</b> | <b>73%</b> |
| Development diesel              | End of life tyres (renewable component) | Poland               | Development Fuel        | Yes                       | 2         | [low%]        | 0         | 18        | 18        | 81%        | 81%        |
| Development diesel              | End of life tyres (renewable component) | Sweden               | Development Fuel        | Yes                       | [low]     | [low%]        | 0         | 17        | 17        | 82%        | 82%        |
| Development diesel              | End of life tyres (renewable component) | Turkey               | Development Fuel        | Yes                       | [low]     | 0%            | 0         | 28        | 28        | 70%        | 70%        |
| Development diesel              | Organic municipal solid waste           | United States        | Development Fuel        | Yes                       | 39        | 1%            | 0         | 24        | 24        | 74%        | 74%        |
| <b>Development diesel Total</b> | <b>All feedstocks</b>                   | <b>All countries</b> | <b>All certificates</b> | <b>All counting types</b> | <b>42</b> | <b>1%</b>     | <b>0</b>  | <b>24</b> | <b>24</b> | <b>75%</b> | <b>75%</b> |
| Development petrol              | End of life tyres (renewable component) | Poland               | Development Fuel        | Yes                       | 2         | [low%]        | 0         | 18        | 18        | 81%        | 81%        |
| Development petrol              | End of life tyres (renewable component) | Sweden               | Development Fuel        | Yes                       | [low]     | 0%            | 0         | 17        | 17        | 82%        | 82%        |
| Development petrol              | End of life tyres (renewable component) | Turkey               | Development Fuel        | Yes                       | [low]     | 0%            | 0         | 28        | 28        | 70%        | 70%        |
| Development petrol              | Organic municipal solid waste           | United States        | Development Fuel        | Yes                       | 9         | [low%]        | 0         | 25        | 25        | 73%        | 73%        |
| <b>Development petrol Total</b> | <b>All feedstocks</b>                   | <b>All countries</b> | <b>All certificates</b> | <b>All counting types</b> | <b>11</b> | <b>[low%]</b> | <b>0</b>  | <b>24</b> | <b>24</b> | <b>74%</b> | <b>74%</b> |
| HVO                             | Brown grease                            | China                | General                 | Yes                       | 1         | [low%]        | 0         | 16        | 16        | 83%        | 83%        |
| HVO                             | Palm oil mill effluent                  | Indonesia            | General                 | Yes                       | 63        | 2%            | 0         | 17        | 17        | 82%        | 82%        |
| HVO                             | Palm oil mill effluent                  | Malaysia             | General                 | Yes                       | 36        | 1%            | 0         | 16        | 16        | 83%        | 83%        |
| HVO                             | Spent bleaching earth                   | Indonesia            | General                 | Yes                       | 6         | [low%]        | 0         | 19        | 19        | 79%        | 79%        |
| HVO                             | Spent bleaching earth                   | Malaysia             | General                 | Yes                       | 7         | [low%]        | 0         | 21        | 21        | 78%        | 78%        |
| HVO                             | Tallow - category 1                     | Belgium              | General                 | Yes                       | [low]     | [low%]        | 0         | 23        | 23        | 76%        | 76%        |
| HVO                             | Tallow - category 1                     | Germany              | General                 | Yes                       | [low]     | [low%]        | 0         | 23        | 23        | 76%        | 76%        |
| HVO                             | Tallow - category 1                     | Netherlands          | General                 | Yes                       | [low]     | [low%]        | 0         | 23        | 23        | 76%        | 76%        |
| HVO                             | Tallow - category 1                     | Spain                | General                 | Yes                       | [low]     | 0%            | 0         | 13        | 13        | 86%        | 86%        |
| HVO                             | Used cooking oil UCO                    | Argentina            | General                 | Yes                       | [low]     | 0%            | 0         | 16        | 16        | 83%        | 83%        |
| HVO                             | Used cooking oil UCO                    | Australia            | General                 | Yes                       | 3         | [low%]        | 0         | 16        | 16        | 83%        | 83%        |
| HVO                             | Used cooking oil UCO                    | Belgium              | General                 | Yes                       | [low]     | [low%]        | 0         | 16        | 16        | 83%        | 83%        |
| HVO                             | Used cooking oil UCO                    | Chile                | General                 | Yes                       | 6         | [low%]        | 0         | 16        | 16        | 83%        | 83%        |
| HVO                             | Used cooking oil UCO                    | China                | General                 | Yes                       | 103       | 3%            | 0         | 16        | 16        | 83%        | 83%        |
| HVO                             | Used cooking oil UCO                    | Cyprus               | General                 | Yes                       | [low]     | 0%            | 0         | 16        | 16        | 83%        | 83%        |
| HVO                             | Used cooking oil UCO                    | Egypt                | General                 | Yes                       | [low]     | 0%            | 0         | 16        | 16        | 83%        | 83%        |
| HVO                             | Used cooking oil UCO                    | Estonia              | General                 | Yes                       | [low]     | 0%            | 0         | 16        | 16        | 83%        | 83%        |
| HVO                             | Used cooking oil UCO                    | Finland              | General                 | Yes                       | [low]     | 0%            | 0         | 16        | 16        | 83%        | 83%        |
| HVO                             | Used cooking oil UCO                    | France               | General                 | Yes                       | 67        | 2%            | 0         | 16        | 16        | 83%        | 83%        |
| HVO                             | Used cooking oil UCO                    | Germany              | General                 | Yes                       | [low]     | 0%            | 0         | 16        | 16        | 83%        | 83%        |



|                             |   |                      |                         |                           |              |            |          |           |           |             |             |
|-----------------------------|---|----------------------|-------------------------|---------------------------|--------------|------------|----------|-----------|-----------|-------------|-------------|
| HVO                         | Used cooking oil UCO                                | Indonesia            | General                 | Yes                       | 8            | [low%]     | 0        | 20        | 20        | 79%         | 79%         |
| HVO                         | Used cooking oil UCO                                | Ireland, Republic of | General                 | Yes                       | [low]        | [low%]     | 0        | 16        | 16        | 83%         | 83%         |
| HVO                         | Used cooking oil UCO                                | Italy                | General                 | Yes                       | 13           | [low%]     | 0        | 15        | 15        | 84%         | 84%         |
| HVO                         | Used cooking oil UCO                                | Japan                | General                 | Yes                       | 1            | [low%]     | 0        | 16        | 16        | 83%         | 83%         |
| HVO                         | Used cooking oil UCO                                | Jordan               | General                 | Yes                       | [low]        | [low%]     | 0        | 16        | 16        | 83%         | 83%         |
| HVO                         | Used cooking oil UCO                                | Latvia               | General                 | Yes                       | [low]        | 0%         | 0        | 16        | 16        | 83%         | 83%         |
| HVO                         | Used cooking oil UCO                                | Lebanon              | General                 | Yes                       | [low]        | 0%         | 0        | 16        | 16        | 83%         | 83%         |
| HVO                         | Used cooking oil UCO                                | Malaysia             | General                 | Yes                       | 2            | [low%]     | 0        | 16        | 16        | 83%         | 83%         |
| HVO                         | Used cooking oil UCO                                | Netherlands          | General                 | Yes                       | 41           | 1%         | 0        | 16        | 16        | 83%         | 83%         |
| HVO                         | Used cooking oil UCO                                | New Zealand          | General                 | Yes                       | [low]        | [low%]     | 0        | 16        | 16        | 83%         | 83%         |
| HVO                         | Used cooking oil UCO                                | Poland               | General                 | Yes                       | [low]        | [low%]     | 0        | 16        | 16        | 83%         | 83%         |
| HVO                         | Used cooking oil UCO                                | Portugal             | General                 | Yes                       | [low]        | [low%]     | 0        | 16        | 16        | 83%         | 83%         |
| HVO                         | Used cooking oil UCO                                | Qatar                | General                 | Yes                       | [low]        | 0%         | 0        | 16        | 16        | 83%         | 83%         |
| HVO                         | Used cooking oil UCO                                | Republic of Korea    | General                 | Yes                       | [low]        | 0%         | 0        | 16        | 16        | 83%         | 83%         |
| HVO                         | Used cooking oil UCO                                | Romania              | General                 | Yes                       | [low]        | 0%         | 0        | 16        | 16        | 83%         | 83%         |
| HVO                         | Used cooking oil UCO                                | Saudi Arabia         | General                 | Yes                       | 1            | [low%]     | 0        | 16        | 16        | 83%         | 83%         |
| HVO                         | Used cooking oil UCO                                | Singapore            | General                 | Yes                       | [low]        | 0%         | 0        | 16        | 16        | 83%         | 83%         |
| HVO                         | Used cooking oil UCO                                | Spain                | General                 | Yes                       | 2            | [low%]     | 0        | 16        | 16        | 83%         | 83%         |
| HVO                         | Used cooking oil UCO                                | Thailand             | General                 | Yes                       | [low]        | 0%         | 0        | 16        | 16        | 83%         | 83%         |
| HVO                         | Used cooking oil UCO                                | United Arab Emirates | General                 | Yes                       | [low]        | 0%         | 0        | 16        | 16        | 83%         | 83%         |
| HVO                         | Used cooking oil UCO                                | United Kingdom       | General                 | Yes                       | 1            | [low%]     | 0        | 16        | 16        | 83%         | 83%         |
| HVO                         | Used cooking oil UCO                                | United States        | General                 | Yes                       | 4            | [low%]     | 0        | 16        | 16        | 83%         | 83%         |
| HVO                         | Used cooking oil UCO                                | Vietnam              | General                 | Yes                       | 2            | [low%]     | 0        | 16        | 16        | 83%         | 83%         |
| <b>HVO Total</b>            | <b>All feedstocks</b>                               | <b>All countries</b> | <b>All certificates</b> | <b>All counting types</b> | <b>370</b>   | <b>10%</b> | <b>0</b> | <b>16</b> | <b>16</b> | <b>83%</b>  | <b>83%</b>  |
| Hydrogen                    | Solar power   | United Kingdom       | Development Fuel        | Yes                       | [low]        | 0%         | 0        | 0         | 0         | 100%        | 100%        |
| <b>Hydrogen Total</b>       | <b>All feedstocks</b>                               | <b>All countries</b> | <b>All certificates</b> | <b>All counting types</b> | <b>[low]</b> | <b>0%</b>  | <b>0</b> | <b>0</b>  | <b>0</b>  | <b>100%</b> | <b>100%</b> |
| Methanol (bio)              | Bagasse   | Netherlands          | General                 | Yes                       | [low]        | [low%]     | 0        | 38        | 38        | 60%         | 60%         |
| Methanol (bio)              | Draff   | United Kingdom       | General                 | No                        | 1            | [low%]     | 0        | 37        | 37        | 61%         | 61%         |
| Methanol (bio)              | Dry manure  | Netherlands          | General                 | Yes                       | [low]        | 0%         | 0        | 35        | 35        | 63%         | 63%         |
| Methanol (bio)              | Food waste  | United States        | General                 | Yes                       | [low]        | [low%]     | 0        | 38        | 38        | 60%         | 60%         |
| Methanol (bio)              | Organic municipal solid waste                       | Netherlands          | General                 | Yes                       | [low]        | [low%]     | 0        | 33        | 33        | 65%         | 65%         |
| Methanol (bio)              | Organic municipal solid waste                       | United States        | General                 | Yes                       | 3            | [low%]     | 0        | 38        | 38        | 60%         | 60%         |
| Methanol (bio)              | Pot Ale Syrup                                       | United Kingdom       | General                 | No                        | [low]        | 0%         | 0        | 31        | 31        | 67%         | 67%         |
| Methanol (bio)              | Sewage sludge                                       | United Kingdom       | General                 | Yes                       | [low]        | 0%         | 0        | 32        | 32        | 66%         | 66%         |
| Methanol (bio)              | Sewage sludge                                       | United States        | General                 | Yes                       | 8            | [low%]     | 0        | 38        | 38        | 60%         | 60%         |
| Methanol (bio)              | Spent wheat grains                                  | United Kingdom       | General                 | No                        | 3            | [low%]     | 0        | 36        | 36        | 61%         | 61%         |
| Methanol (bio)              | Starch slurry (waste)                               | United States        | General                 | Yes                       | 5            | [low%]     | 0        | 38        | 38        | 60%         | 60%         |
| Methanol (bio)              | Washdown water                                      | United States        | General                 | Yes                       | 2            | [low%]     | 0        | 38        | 38        | 60%         | 60%         |
| Methanol (bio)              | Waste pressings from production of vegetable oils   | Italy                | General                 | Yes                       | [low]        | 0%         | 0        | 35        | 35        | 63%         | 63%         |
| Methanol (bio)              | Waste pressings from production of vegetable oils   | United States        | General                 | Yes                       | 11           | [low%]     | 0        | 38        | 38        | 60%         | 60%         |
| Methanol (bio)              | Waste/residues from the production of vegetable oil | United States        | General                 | Yes                       | 4            | [low%]     | 0        | 38        | 38        | 60%         | 60%         |
| Methanol (bio)              | Wet manure  | Netherlands          | General                 | Yes                       | [low]        | [low%]     | 0        | 36        | 36        | 62%         | 62%         |
| <b>Methanol (bio) Total</b> | <b>All feedstocks</b>                               | <b>All countries</b> | <b>All certificates</b> | <b>All counting types</b> | <b>39</b>    | <b>1%</b>  | <b>0</b> | <b>37</b> | <b>37</b> | <b>60%</b>  | <b>60%</b>  |
| Off road biodiesel          | Brown grease  | China                | General                 | Yes                       | 1            | [low%]     | 0        | 14        | 14        | 85%         | 85%         |
| Off road biodiesel          | Crude glycerine                                     | United Kingdom       | General                 | Yes                       | [low]        | [low%]     | 0        | 15        | 15        | 84%         | 84%         |
| Off road biodiesel          | Food waste  | United Kingdom       | General                 | Yes                       | [low]        | [low%]     | 0        | 10        | 10        | 89%         | 89%         |
| Off road biodiesel          | Oilseed rape  | Australia            | Relevant Crop           | No                        | 1            | [low%]     | 55       | 28        | 83        | 70%         | 11%         |
| Off road biodiesel          | Oilseed rape  | Czech Republic       | Relevant Crop           | No                        | [low]        | 0%         | 55       | 30        | 85        | 68%         | 10%         |
| Off road biodiesel          | Oilseed rape  | Poland               | Relevant Crop           | No                        | [low]        | 0%         | 55       | 35        | 90        | 63%         | 4%          |
| Off road biodiesel          | Palm  | Indonesia            | Relevant Crop           | No                        | [low]        | [low%]     | 55       | 37        | 92        | 61%         | 2%          |
| Off road biodiesel          | Palm oil mill effluent                              | Indonesia            | General                 | Yes                       | 3            | [low%]     | 0        | 16        | 16        | 83%         | 83%         |
| Off road biodiesel          | Palm oil mill effluent                              | Malaysia             | General                 | Yes                       | 1            | [low%]     | 0        | 16        | 16        | 83%         | 83%         |
| Off road biodiesel          | Soy   | Argentina            | Relevant Crop           | No                        | 2            | [low%]     | 55       | 36        | 91        | 62%         | 3%          |
| Off road biodiesel          | Soy   | Paraguay             | Relevant Crop           | No                        | [low]        | [low%]     | 55       | 37        | 92        | 60%         | 2%          |
| Off road biodiesel          | Soy   | Ukraine              | Relevant Crop           | No                        | [low]        | [low%]     | 55       | 40        | 95        | 58%         | -1%         |
| Off road biodiesel          | Tallow - category 1                                 | Ireland, Republic of | General                 | Yes                       | 2            | [low%]     | 0        | 17        | 17        | 82%         | 82%         |
| Off road biodiesel          | Tallow - category 1                                 | United Kingdom       | General                 | Yes                       | 1            | [low%]     | 0        | 17        | 17        | 82%         | 82%         |
| Off road biodiesel          | Used cooking oil UCO                                | Argentina            | General                 | Yes                       | [low]        | 0%         | 0        | 13        | 13        | 86%         | 86%         |
| Off road biodiesel          | Used cooking oil UCO                                | Bangladesh           | General                 | Yes                       | [low]        | 0%         | 0        | 13        | 13        | 86%         | 86%         |
| Off road biodiesel          | Used cooking oil UCO                                | Belgium              | General                 | Yes                       | [low]        | 0%         | 0        | 13        | 13        | 86%         | 86%         |
| Off road biodiesel          | Used cooking oil UCO                                | Bulgaria             | General                 | Yes                       | [low]        | 0%         | 0        | 8         | 8         | 92%         | 92%         |
| Off road biodiesel          | Used cooking oil UCO                                | Cambodia             | General                 | Yes                       | [low]        | 0%         | 0        | 13        | 13        | 86%         | 86%         |
| Off road biodiesel          | Used cooking oil UCO                                | Chile                | General                 | Yes                       | [low]        | 0%         | 0        | 10        | 10        | 90%         | 90%         |
| Off road biodiesel          | Used cooking oil UCO                                | China                | General                 | Yes                       | 8            | [low%]     | 0        | 11        | 11        | 89%         | 89%         |

|                          |   |                      |                  |                    |       |        |   |    |    |     |     |
|--------------------------|---|----------------------|------------------|--------------------|-------|--------|---|----|----|-----|-----|
| Off road biodiesel       | Used cooking oil UCO                              | Colombia             | General          | Yes                | [low] | 0%     | 0 | 13 | 13 | 86% | 86% |
| Off road biodiesel       | Used cooking oil UCO                              | Egypt                | General          | Yes                | [low] | [low%] | 0 | 10 | 10 | 90% | 90% |
| Off road biodiesel       | Used cooking oil UCO                              | Germany              | General          | Yes                | [low] | [low%] | 0 | 11 | 11 | 88% | 88% |
| Off road biodiesel       | Used cooking oil UCO                              | Greece               | General          | Yes                | [low] | [low%] | 0 | 9  | 9  | 90% | 90% |
| Off road biodiesel       | Used cooking oil UCO                              | Hong Kong            | General          | Yes                | [low] | 0%     | 0 | 12 | 12 | 87% | 87% |
| Off road biodiesel       | Used cooking oil UCO                              | Indonesia            | General          | Yes                | 2     | [low%] | 0 | 15 | 15 | 84% | 84% |
| Off road biodiesel       | Used cooking oil UCO                              | Ireland, Republic of | General          | Yes                | [low] | 0%     | 0 | 14 | 14 | 85% | 85% |
| Off road biodiesel       | Used cooking oil UCO                              | Japan                | General          | Yes                | [low] | 0%     | 0 | 12 | 12 | 87% | 87% |
| Off road biodiesel       | Used cooking oil UCO                              | Jordan               | General          | Yes                | [low] | 0%     | 0 | 13 | 13 | 86% | 86% |
| Off road biodiesel       | Used cooking oil UCO                              | Kuwait               | General          | Yes                | [low] | 0%     | 0 | 13 | 13 | 86% | 86% |
| Off road biodiesel       | Used cooking oil UCO                              | Lebanon              | General          | Yes                | [low] | 0%     | 0 | 13 | 13 | 86% | 86% |
| Off road biodiesel       | Used cooking oil UCO                              | Malaysia             | General          | Yes                | 3     | [low%] | 0 | 14 | 14 | 85% | 85% |
| Off road biodiesel       | Used cooking oil UCO                              | Mexico               | General          | Yes                | [low] | 0%     | 0 | 13 | 13 | 86% | 86% |
| Off road biodiesel       | Used cooking oil UCO                              | Netherlands          | General          | Yes                | [low] | [low%] | 0 | 18 | 18 | 81% | 81% |
| Off road biodiesel       | Used cooking oil UCO                              | New Zealand          | General          | Yes                | [low] | 0%     | 0 | 13 | 13 | 86% | 86% |
| Off road biodiesel       | Used cooking oil UCO                              | Peru                 | General          | Yes                | [low] | [low%] | 0 | 7  | 7  | 92% | 92% |
| Off road biodiesel       | Used cooking oil UCO                              | Philippines          | General          | Yes                | [low] | 0%     | 0 | 13 | 13 | 86% | 86% |
| Off road biodiesel       | Used cooking oil UCO                              | Poland               | General          | Yes                | 1     | [low%] | 0 | 9  | 9  | 90% | 90% |
| Off road biodiesel       | Used cooking oil UCO                              | Qatar                | General          | Yes                | [low] | 0%     | 0 | 12 | 12 | 87% | 87% |
| Off road biodiesel       | Used cooking oil UCO                              | Saudi Arabia         | General          | Yes                | [low] | 0%     | 0 | 13 | 13 | 86% | 86% |
| Off road biodiesel       | Used cooking oil UCO                              | Singapore            | General          | Yes                | 4     | [low%] | 0 | 12 | 12 | 87% | 87% |
| Off road biodiesel       | Used cooking oil UCO                              | Slovakia             | General          | Yes                | [low] | 0%     | 0 | 9  | 9  | 91% | 91% |
| Off road biodiesel       | Used cooking oil UCO                              | South Africa         | General          | Yes                | [low] | 0%     | 0 | 13 | 13 | 86% | 86% |
| Off road biodiesel       | Used cooking oil UCO                              | Spain                | General          | Yes                | [low] | [low%] | 0 | 14 | 14 | 85% | 85% |
| Off road biodiesel       | Used cooking oil UCO                              | Sri Lanka            | General          | Yes                | [low] | 0%     | 0 | 13 | 13 | 86% | 86% |
| Off road biodiesel       | Used cooking oil UCO                              | Taiwan               | General          | Yes                | [low] | 0%     | 0 | 15 | 15 | 84% | 84% |
| Off road biodiesel       | Used cooking oil UCO                              | Thailand             | General          | Yes                | 2     | [low%] | 0 | 13 | 13 | 86% | 86% |
| Off road biodiesel       | Used cooking oil UCO                              | Ukraine              | General          | Yes                | [low] | 0%     | 0 | 12 | 12 | 88% | 88% |
| Off road biodiesel       | Used cooking oil UCO                              | United Arab Emirates | General          | Yes                | [low] | [low%] | 0 | 14 | 14 | 85% | 85% |
| Off road biodiesel       | Used cooking oil UCO                              | United Kingdom       | General          | Yes                | 3     | [low%] | 0 | 13 | 13 | 87% | 87% |
| Off road biodiesel       | Used cooking oil UCO                              | Uruguay              | General          | Yes                | [low] | 0%     | 0 | 13 | 13 | 86% | 86% |
| Off road biodiesel       | Used cooking oil UCO                              | Vietnam              | General          | Yes                | [low] | [low%] | 0 | 13 | 13 | 86% | 86% |
| Off road biodiesel       | Waste pressings from production of vegetable oils | Argentina            | General          | Yes                | [low] | [low%] | 0 | 14 | 14 | 85% | 85% |
| Off road biodiesel Total | All feedstocks                                    | All countries        | All certificates | All counting types | 38    | 1%     | 5 | 15 | 19 | 84% | 79% |
| Pure bio oil             | Crude sulphate turpentine fractionation residues  | France               | General          | Yes                | 1     | [low%] | 0 | 6  | 6  | 94% | 94% |
| Pure bio oil             | Food waste  | United Kingdom       | General          | Yes                | [low] | [low%] | 0 | 2  | 2  | 98% | 98% |
| Pure bio oil             | Rapeseed residue - single counting                | Netherlands          | General          | No                 | [low] | 0%     | 0 | 6  | 6  | 94% | 94% |
| Pure bio oil             | Salmon oil - category 1 and 2                     | Norway               | General          | Yes                | 1     | [low%] | 0 | 2  | 2  | 98% | 98% |
| Pure bio oil             | Used cooking oil UCO                              | United Kingdom       | General          | Yes                | 1     | [low%] | 0 | 3  | 3  | 97% | 97% |
| Pure bio oil Total       | All feedstocks                                    | All countries        | All certificates | All counting types | 4     | [low%] | 0 | 3  | 3  | 97% | 97% |
| Grand Total              | All feedstocks                                    | All countries        | All certificates | All counting types | 3,557 | 100%   | 5 | 17 | 22 | 82% | 77% |

RF0106: Voluntary scheme data of renewable transport fuel: United Kingdom, 2023 (fifth provisional)

This is the fifth provisional report, containing information received by the DfT as of the 5 August 2024.  
This worksheet contains one table. Notes for this table can be seen in the Notes worksheet.  
This table contains data on RTFCs issued to renewable fuel which has been certified as sustainable.  
There is some shorthand used in this table: [low] refers to a value less than 0.5, [low%] refers to a value less than 0.5%.

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| Scheme 1  | Scheme 2    | Fuel type               | Feedstock            | Country of origin    | Total | Percentage of total |
|---|-------------|-------------------------|----------------------|----------------------|-------|---------------------|
| Better biomass (formerly NTA 8080)                          | No scheme   | Biomethane (compressed) | Food waste           | Netherlands          | [low] | 0%                  |
| Better biomass (formerly NTA 8080)                          | No scheme   | Biomethane (liquified)  | Food waste           | Netherlands          | [low] | [low%]              |
| Better biomass (formerly NTA 8080)                          | No scheme   | Biomethane (liquified)  | Nut shells           | Netherlands          | 1     | [low%]              |
| Better biomass (formerly NTA 8080)                          | No scheme   | Biomethane (liquified)  | Sewage sludge        | Netherlands          | 1     | [low%]              |
| Better biomass (formerly NTA 8080) Total                    | All schemes | All fuel types          | All feedstocks       | All countries        | 2     | [low%]              |
| Biomass Biofuels voluntary scheme                           | No scheme   | Biodiesel ME            | Oilseed rape         | Australia            | [low] | [low%]              |
| Biomass Biofuels voluntary scheme                           | No scheme   | Biodiesel ME            | Soy                  | Argentina            | 4     | [low%]              |
| Biomass Biofuels voluntary scheme                           | No scheme   | Biodiesel ME            | Used cooking oil UCO | France               | [low] | 0%                  |
| Biomass Biofuels voluntary scheme                           | No scheme   | Biodiesel ME            | Used cooking oil UCO | Romania              | [low] | [low%]              |
| Biomass Biofuels voluntary scheme                           | No scheme   | Bioethanol              | Sugar beet           | France               | 2     | [low%]              |
| Biomass Biofuels voluntary scheme Total                     | All schemes | All fuel types          | All feedstocks       | All countries        | 7     | [low%]              |
| Bonsucro EU (formerly BSI)                                  | No scheme   | Bioethanol              | Sugar cane           | Brazil               | 35    | 1%                  |
| Bonsucro EU (formerly BSI) Total                            | All schemes | All fuel types          | All feedstocks       | All countries        | 35    | 1%                  |
| International Sustainability and Carbon Certification. ISCC | No scheme   | Avtur (renewable)       | Food waste           | Spain                | [low] | 0%                  |
| International Sustainability and Carbon Certification. ISCC | No scheme   | Avtur (renewable)       | Food waste           | United Kingdom       | [low] | [low%]              |
| International Sustainability and Carbon Certification. ISCC | No scheme   | Avtur (renewable)       | Used cooking oil UCO | Argentina            | [low] | 0%                  |
| International Sustainability and Carbon Certification. ISCC | No scheme   | Avtur (renewable)       | Used cooking oil UCO | Belgium              | [low] | [low%]              |
| International Sustainability and Carbon Certification. ISCC | No scheme   | Avtur (renewable)       | Used cooking oil UCO | Bolivia              | [low] | 0%                  |
| International Sustainability and Carbon Certification. ISCC | No scheme   | Avtur (renewable)       | Used cooking oil UCO | Chile                | 1     | [low%]              |
| International Sustainability and Carbon Certification. ISCC | No scheme   | Avtur (renewable)       | Used cooking oil UCO | China                | 37    | 1%                  |
| International Sustainability and Carbon Certification. ISCC | No scheme   | Avtur (renewable)       | Used cooking oil UCO | Colombia             | [low] | [low%]              |
| International Sustainability and Carbon Certification. ISCC | No scheme   | Avtur (renewable)       | Used cooking oil UCO | Cyprus               | [low] | 0%                  |
| International Sustainability and Carbon Certification. ISCC | No scheme   | Avtur (renewable)       | Used cooking oil UCO | Czech Republic       | [low] | 0%                  |
| International Sustainability and Carbon Certification. ISCC | No scheme   | Avtur (renewable)       | Used cooking oil UCO | Denmark              | [low] | 0%                  |
| International Sustainability and Carbon Certification. ISCC | No scheme   | Avtur (renewable)       | Used cooking oil UCO | Ecuador              | [low] | 0%                  |
| International Sustainability and Carbon Certification. ISCC | No scheme   | Avtur (renewable)       | Used cooking oil UCO | Egypt                | [low] | [low%]              |
| International Sustainability and Carbon Certification. ISCC | No scheme   | Avtur (renewable)       | Used cooking oil UCO | Estonia              | [low] | 0%                  |
| International Sustainability and Carbon Certification. ISCC | No scheme   | Avtur (renewable)       | Used cooking oil UCO | Finland              | [low] | [low%]              |
| International Sustainability and Carbon Certification. ISCC | No scheme   | Avtur (renewable)       | Used cooking oil UCO | France               | [low] | [low%]              |
| International Sustainability and Carbon Certification. ISCC | No scheme   | Avtur (renewable)       | Used cooking oil UCO | Germany              | [low] | [low%]              |
| International Sustainability and Carbon Certification. ISCC | No scheme   | Avtur (renewable)       | Used cooking oil UCO | Greece               | [low] | 0%                  |
| International Sustainability and Carbon Certification. ISCC | No scheme   | Avtur (renewable)       | Used cooking oil UCO | Hong Kong            | [low] | 0%                  |
| International Sustainability and Carbon Certification. ISCC | No scheme   | Avtur (renewable)       | Used cooking oil UCO | Indonesia            | 4     | [low%]              |
| International Sustainability and Carbon Certification. ISCC | No scheme   | Avtur (renewable)       | Used cooking oil UCO | Ireland, Republic of | 1     | [low%]              |
| International Sustainability and Carbon Certification. ISCC | No scheme   | Avtur (renewable)       | Used cooking oil UCO | Israel               | [low] | [low%]              |
| International Sustainability and Carbon Certification. ISCC | No scheme   | Avtur (renewable)       | Used cooking oil UCO | Italy                | 1     | [low%]              |
| International Sustainability and Carbon Certification. ISCC | No scheme   | Avtur (renewable)       | Used cooking oil UCO | Japan                | [low] | 0%                  |
| International Sustainability and Carbon Certification. ISCC | No scheme   | Avtur (renewable)       | Used cooking oil UCO | Jordan               | [low] | [low%]              |
| International Sustainability and Carbon Certification. ISCC | No scheme   | Avtur (renewable)       | Used cooking oil UCO | Latvia               | [low] | 0%                  |

|   |           |                   |                                    |                             |       |        |
|---|-----------|-------------------|------------------------------------|-----------------------------|-------|--------|
| International Sustainability and Carbon Certification. ISCC | No scheme | Avtur (renewable) | Used cooking oil UCO               | Lebanon                     | [low] | 0%     |
| International Sustainability and Carbon Certification. ISCC | No scheme | Avtur (renewable) | Used cooking oil UCO               | Malaysia                    | 27    | 1%     |
| International Sustainability and Carbon Certification. ISCC | No scheme | Avtur (renewable) | Used cooking oil UCO               | Netherlands                 | 2     | [low%] |
| International Sustainability and Carbon Certification. ISCC | No scheme | Avtur (renewable) | Used cooking oil UCO               | Panama                      | [low] | 0%     |
| International Sustainability and Carbon Certification. ISCC | No scheme | Avtur (renewable) | Used cooking oil UCO               | Paraguay                    | [low] | 0%     |
| International Sustainability and Carbon Certification. ISCC | No scheme | Avtur (renewable) | Used cooking oil UCO               | Peru                        | [low] | [low%] |
| International Sustainability and Carbon Certification. ISCC | No scheme | Avtur (renewable) | Used cooking oil UCO               | Philippines                 | [low] | 0%     |
| International Sustainability and Carbon Certification. ISCC | No scheme | Avtur (renewable) | Used cooking oil UCO               | Poland                      | [low] | [low%] |
| International Sustainability and Carbon Certification. ISCC | No scheme | Avtur (renewable) | Used cooking oil UCO               | Portugal                    | [low] | 0%     |
| International Sustainability and Carbon Certification. ISCC | No scheme | Avtur (renewable) | Used cooking oil UCO               | Qatar                       | 1     | [low%] |
| International Sustainability and Carbon Certification. ISCC | No scheme | Avtur (renewable) | Used cooking oil UCO               | Republic of Korea           | [low] | 0%     |
| International Sustainability and Carbon Certification. ISCC | No scheme | Avtur (renewable) | Used cooking oil UCO               | Saudi Arabia                | 4     | [low%] |
| International Sustainability and Carbon Certification. ISCC | No scheme | Avtur (renewable) | Used cooking oil UCO               | Singapore                   | 1     | [low%] |
| International Sustainability and Carbon Certification. ISCC | No scheme | Avtur (renewable) | Used cooking oil UCO               | South Africa                | [low] | 0%     |
| International Sustainability and Carbon Certification. ISCC | No scheme | Avtur (renewable) | Used cooking oil UCO               | Spain                       | 2     | [low%] |
| International Sustainability and Carbon Certification. ISCC | No scheme | Avtur (renewable) | Used cooking oil UCO               | Sweden                      | [low] | 0%     |
| International Sustainability and Carbon Certification. ISCC | No scheme | Avtur (renewable) | Used cooking oil UCO               | Taiwan                      | [low] | [low%] |
| International Sustainability and Carbon Certification. ISCC | No scheme | Avtur (renewable) | Used cooking oil UCO               | Thailand                    | [low] | 0%     |
| International Sustainability and Carbon Certification. ISCC | No scheme | Avtur (renewable) | Used cooking oil UCO               | United Arab Emirates        | 1     | [low%] |
| International Sustainability and Carbon Certification. ISCC | No scheme | Avtur (renewable) | Used cooking oil UCO               | United Kingdom              | 8     | [low%] |
| International Sustainability and Carbon Certification. ISCC | No scheme | Avtur (renewable) | Used cooking oil UCO               | United States               | 1     | [low%] |
| International Sustainability and Carbon Certification. ISCC | No scheme | Avtur (renewable) | Used cooking oil UCO               | Uruguay                     | [low] | 0%     |
| International Sustainability and Carbon Certification. ISCC | No scheme | Avtur (renewable) | Used cooking oil UCO               | Vietnam                     | 1     | [low%] |
| International Sustainability and Carbon Certification. ISCC | No scheme | Biodiesel ME      | Brown grease                       | Argentina                   | [low] | 0%     |
| International Sustainability and Carbon Certification. ISCC | No scheme | Biodiesel ME      | Brown grease                       | China                       | 31    | 1%     |
| International Sustainability and Carbon Certification. ISCC | No scheme | Biodiesel ME      | Brown grease                       | United Kingdom              | 1     | [low%] |
| International Sustainability and Carbon Certification. ISCC | No scheme | Biodiesel ME      | Empty palm fruit bunches           | Indonesia                   | [low] | [low%] |
| International Sustainability and Carbon Certification. ISCC | No scheme | Biodiesel ME      | Empty palm fruit bunches           | Malaysia                    | 3     | [low%] |
| International Sustainability and Carbon Certification. ISCC | No scheme | Biodiesel ME      | Food waste                         | China                       | 1     | [low%] |
| International Sustainability and Carbon Certification. ISCC | No scheme | Biodiesel ME      | Food waste                         | Poland                      | [low] | 0%     |
| International Sustainability and Carbon Certification. ISCC | No scheme | Biodiesel ME      | Food waste                         | Romania                     | [low] | 0%     |
| International Sustainability and Carbon Certification. ISCC | No scheme | Biodiesel ME      | Food waste                         | Spain                       | [low] | 0%     |
| International Sustainability and Carbon Certification. ISCC | No scheme | Biodiesel ME      | Food waste                         | United Kingdom              | 3     | [low%] |
| International Sustainability and Carbon Certification. ISCC | No scheme | Biodiesel ME      | Oilseed rape                       | Australia                   | 8     | [low%] |
| International Sustainability and Carbon Certification. ISCC | No scheme | Biodiesel ME      | Oilseed rape                       | Bulgaria                    | [low] | 0%     |
| International Sustainability and Carbon Certification. ISCC | No scheme | Biodiesel ME      | Oilseed rape                       | Czech Republic              | 1     | [low%] |
| International Sustainability and Carbon Certification. ISCC | No scheme | Biodiesel ME      | Oilseed rape                       | Denmark                     | 2     | [low%] |
| International Sustainability and Carbon Certification. ISCC | No scheme | Biodiesel ME      | Oilseed rape                       | France                      | [low] | 0%     |
| International Sustainability and Carbon Certification. ISCC | No scheme | Biodiesel ME      | Oilseed rape                       | Germany                     | 2     | [low%] |
| International Sustainability and Carbon Certification. ISCC | No scheme | Biodiesel ME      | Oilseed rape                       | Latvia                      | 3     | [low%] |
| International Sustainability and Carbon Certification. ISCC | No scheme | Biodiesel ME      | Oilseed rape                       | Lithuania                   | [low] | 0%     |
| International Sustainability and Carbon Certification. ISCC | No scheme | Biodiesel ME      | Oilseed rape                       | Poland                      | 1     | [low%] |
| International Sustainability and Carbon Certification. ISCC | No scheme | Biodiesel ME      | Palm                               | Indonesia                   | 2     | [low%] |
| International Sustainability and Carbon Certification. ISCC | No scheme | Biodiesel ME      | Palm                               | Malaysia                    | 1     | [low%] |
| International Sustainability and Carbon Certification. ISCC | No scheme | Biodiesel ME      | Palm fatty acid distillate         | Indonesia                   | [low] | 0%     |
| International Sustainability and Carbon Certification. ISCC | No scheme | Biodiesel ME      | Palm oil mill effluent             | Cote d'Ivoire (Ivory Coast) | [low] | [low%] |
| International Sustainability and Carbon Certification. ISCC | No scheme | Biodiesel ME      | Palm oil mill effluent             | Ecuador                     | [low] | 0%     |
| International Sustainability and Carbon Certification. ISCC | No scheme | Biodiesel ME      | Palm oil mill effluent             | Honduras                    | [low] | [low%] |
| International Sustainability and Carbon Certification. ISCC | No scheme | Biodiesel ME      | Palm oil mill effluent             | Indonesia                   | 127   | 4%     |
| International Sustainability and Carbon Certification. ISCC | No scheme | Biodiesel ME      | Palm oil mill effluent             | Malaysia                    | 43    | 1%     |
| International Sustainability and Carbon Certification. ISCC | No scheme | Biodiesel ME      | Palm oil mill effluent             | Mexico                      | [low] | 0%     |
| International Sustainability and Carbon Certification. ISCC | No scheme | Biodiesel ME      | Palm oil mill effluent             | Panama                      | [low] | 0%     |
| International Sustainability and Carbon Certification. ISCC | No scheme | Biodiesel ME      | Rapeseed residue - single counting | Australia                   | [low] | [low%] |

|   |           |              |  |                      |       |        |
|---|-----------|--------------|--|----------------------|-------|--------|
| International Sustainability and Carbon Certification. ISCC | No scheme | Biodiesel ME | Rapeseed residue - single counting           | Lithuania            | [low] | [low%] |
| International Sustainability and Carbon Certification. ISCC | No scheme | Biodiesel ME | Rapeseed residue - single counting           | Poland               | 1     | [low%] |
| International Sustainability and Carbon Certification. ISCC | No scheme | Biodiesel ME | Rapeseed residue - single counting           | Romania              | [low] | 0%     |
| International Sustainability and Carbon Certification. ISCC | No scheme | Biodiesel ME | Rapeseed residue - single counting           | Ukraine              | [low] | 0%     |
| International Sustainability and Carbon Certification. ISCC | No scheme | Biodiesel ME | Sewage system FOG                            | Argentina            | [low] | 0%     |
| International Sustainability and Carbon Certification. ISCC | No scheme | Biodiesel ME | Sewage system FOG                            | United Kingdom       | [low] | 0%     |
| International Sustainability and Carbon Certification. ISCC | No scheme | Biodiesel ME | Soapstock acid oil contaminated with sulphur | Argentina            | [low] | 0%     |
| International Sustainability and Carbon Certification. ISCC | No scheme | Biodiesel ME | Soapstock acid oil contaminated with sulphur | Belgium              | [low] | [low%] |
| International Sustainability and Carbon Certification. ISCC | No scheme | Biodiesel ME | Soapstock acid oil contaminated with sulphur | Brazil               | 5     | [low%] |
| International Sustainability and Carbon Certification. ISCC | No scheme | Biodiesel ME | Soapstock acid oil contaminated with sulphur | Bulgaria             | [low] | [low%] |
| International Sustainability and Carbon Certification. ISCC | No scheme | Biodiesel ME | Soapstock acid oil contaminated with sulphur | Colombia             | [low] | 0%     |
| International Sustainability and Carbon Certification. ISCC | No scheme | Biodiesel ME | Soapstock acid oil contaminated with sulphur | Egypt                | [low] | 0%     |
| International Sustainability and Carbon Certification. ISCC | No scheme | Biodiesel ME | Soapstock acid oil contaminated with sulphur | France               | 1     | [low%] |
| International Sustainability and Carbon Certification. ISCC | No scheme | Biodiesel ME | Soapstock acid oil contaminated with sulphur | Germany              | [low] | [low%] |
| International Sustainability and Carbon Certification. ISCC | No scheme | Biodiesel ME | Soapstock acid oil contaminated with sulphur | Indonesia            | [low] | 0%     |
| International Sustainability and Carbon Certification. ISCC | No scheme | Biodiesel ME | Soapstock acid oil contaminated with sulphur | Italy                | 1     | [low%] |
| International Sustainability and Carbon Certification. ISCC | No scheme | Biodiesel ME | Soapstock acid oil contaminated with sulphur | Malaysia             | [low] | [low%] |
| International Sustainability and Carbon Certification. ISCC | No scheme | Biodiesel ME | Soapstock acid oil contaminated with sulphur | Morocco              | [low] | 0%     |
| International Sustainability and Carbon Certification. ISCC | No scheme | Biodiesel ME | Soapstock acid oil contaminated with sulphur | Netherlands          | [low] | 0%     |
| International Sustainability and Carbon Certification. ISCC | No scheme | Biodiesel ME | Soapstock acid oil contaminated with sulphur | Poland               | [low] | 0%     |
| International Sustainability and Carbon Certification. ISCC | No scheme | Biodiesel ME | Soapstock acid oil contaminated with sulphur | Portugal             | [low] | [low%] |
| International Sustainability and Carbon Certification. ISCC | No scheme | Biodiesel ME | Soapstock acid oil contaminated with sulphur | Spain                | 5     | [low%] |
| International Sustainability and Carbon Certification. ISCC | No scheme | Biodiesel ME | Soapstock acid oil contaminated with sulphur | Turkey               | 3     | [low%] |
| International Sustainability and Carbon Certification. ISCC | No scheme | Biodiesel ME | Soapstock acid oil contaminated with sulphur | Ukraine              | [low] | 0%     |
| International Sustainability and Carbon Certification. ISCC | No scheme | Biodiesel ME | Soapstock acid oil contaminated with sulphur | United Kingdom       | 2     | [low%] |
| International Sustainability and Carbon Certification. ISCC | No scheme | Biodiesel ME | Soy  | Argentina            | 70    | 2%     |
| International Sustainability and Carbon Certification. ISCC | No scheme | Biodiesel ME | Soy  | Brazil               | 8     | [low%] |
| International Sustainability and Carbon Certification. ISCC | No scheme | Biodiesel ME | Soy  | Czech Republic       | [low] | 0%     |
| International Sustainability and Carbon Certification. ISCC | No scheme | Biodiesel ME | Soy  | Indonesia            | [low] | 0%     |
| International Sustainability and Carbon Certification. ISCC | No scheme | Biodiesel ME | Soy  | Paraguay             | 5     | [low%] |
| International Sustainability and Carbon Certification. ISCC | No scheme | Biodiesel ME | Soy  | Ukraine              | [low] | [low%] |
| International Sustainability and Carbon Certification. ISCC | No scheme | Biodiesel ME | Spent bleaching earth                        | China                | 1     | [low%] |
| International Sustainability and Carbon Certification. ISCC | No scheme | Biodiesel ME | Spent bleaching earth                        | Malaysia             | 2     | [low%] |
| International Sustainability and Carbon Certification. ISCC | No scheme | Biodiesel ME | Tallow - category 1                          | Belgium              | [low] | 0%     |
| International Sustainability and Carbon Certification. ISCC | No scheme | Biodiesel ME | Tallow - category 1                          | Chile                | [low] | 0%     |
| International Sustainability and Carbon Certification. ISCC | No scheme | Biodiesel ME | Tallow - category 1                          | China                | [low] | 0%     |
| International Sustainability and Carbon Certification. ISCC | No scheme | Biodiesel ME | Tallow - category 1                          | France               | [low] | 0%     |
| International Sustainability and Carbon Certification. ISCC | No scheme | Biodiesel ME | Tallow - category 1                          | Germany              | [low] | 0%     |
| International Sustainability and Carbon Certification. ISCC | No scheme | Biodiesel ME | Tallow - category 1                          | Ireland, Republic of | 5     | [low%] |
| International Sustainability and Carbon Certification. ISCC | No scheme | Biodiesel ME | Tallow - category 1                          | Israel               | [low] | 0%     |
| International Sustainability and Carbon Certification. ISCC | No scheme | Biodiesel ME | Tallow - category 1                          | Italy                | [low] | 0%     |
| International Sustainability and Carbon Certification. ISCC | No scheme | Biodiesel ME | Tallow - category 1                          | Netherlands          | 1     | [low%] |
| International Sustainability and Carbon Certification. ISCC | No scheme | Biodiesel ME | Tallow - category 1                          | Poland               | 1     | [low%] |
| International Sustainability and Carbon Certification. ISCC | No scheme | Biodiesel ME | Tallow - category 1                          | Portugal             | [low] | 0%     |
| International Sustainability and Carbon Certification. ISCC | No scheme | Biodiesel ME | Tallow - category 1                          | Serbia               | [low] | 0%     |
| International Sustainability and Carbon Certification. ISCC | No scheme | Biodiesel ME | Tallow - category 1                          | Spain                | [low] | 0%     |
| International Sustainability and Carbon Certification. ISCC | No scheme | Biodiesel ME | Tallow - category 1                          | Switzerland          | [low] | 0%     |
| International Sustainability and Carbon Certification. ISCC | No scheme | Biodiesel ME | Tallow - category 1                          | United Kingdom       | 7     | [low%] |
| International Sustainability and Carbon Certification. ISCC | No scheme | Biodiesel ME | Used cooking oil UCO                         | Argentina            | 3     | [low%] |
| International Sustainability and Carbon Certification. ISCC | No scheme | Biodiesel ME | Used cooking oil UCO                         | Aruba                | [low] | 0%     |
| International Sustainability and Carbon Certification. ISCC | No scheme | Biodiesel ME | Used cooking oil UCO                         | Australia            | 1     | [low%] |
| International Sustainability and Carbon Certification. ISCC | No scheme | Biodiesel ME | Used cooking oil UCO                         | Austria              | [low] | [low%] |
| International Sustainability and Carbon Certification. ISCC | No scheme | Biodiesel ME | Used cooking oil UCO                         | Bahamas              | [low] | 0%     |

[illegible]

|   |           |              |   |                            |       |        |
|---|-----------|--------------|---|----------------------------|-------|--------|
| International Sustainability and Carbon Certification. ISCC | No scheme | Biodiesel ME | Used cooking oil UCO                              | Philippines                | 1     | [low%] |
| International Sustainability and Carbon Certification. ISCC | No scheme | Biodiesel ME | Used cooking oil UCO                              | Poland                     | 44    | 1%     |
| International Sustainability and Carbon Certification. ISCC | No scheme | Biodiesel ME | Used cooking oil UCO                              | Qatar                      | 3     | [low%] |
| International Sustainability and Carbon Certification. ISCC | No scheme | Biodiesel ME | Used cooking oil UCO                              | Republic of Korea          | 8     | [low%] |
| International Sustainability and Carbon Certification. ISCC | No scheme | Biodiesel ME | Used cooking oil UCO                              | Romania                    | 1     | [low%] |
| International Sustainability and Carbon Certification. ISCC | No scheme | Biodiesel ME | Used cooking oil UCO                              | Russian Federation         | [low] | 0%     |
| International Sustainability and Carbon Certification. ISCC | No scheme | Biodiesel ME | Used cooking oil UCO                              | Saint Martin (French part) | [low] | 0%     |
| International Sustainability and Carbon Certification. ISCC | No scheme | Biodiesel ME | Used cooking oil UCO                              | Saudi Arabia               | 24    | 1%     |
| International Sustainability and Carbon Certification. ISCC | No scheme | Biodiesel ME | Used cooking oil UCO                              | Singapore                  | 19    | 1%     |
| International Sustainability and Carbon Certification. ISCC | No scheme | Biodiesel ME | Used cooking oil UCO                              | Slovakia                   | 3     | [low%] |
| International Sustainability and Carbon Certification. ISCC | No scheme | Biodiesel ME | Used cooking oil UCO                              | Slovenia                   | [low] | 0%     |
| International Sustainability and Carbon Certification. ISCC | No scheme | Biodiesel ME | Used cooking oil UCO                              | South Africa               | 4     | [low%] |
| International Sustainability and Carbon Certification. ISCC | No scheme | Biodiesel ME | Used cooking oil UCO                              | Spain                      | 10    | [low%] |
| International Sustainability and Carbon Certification. ISCC | No scheme | Biodiesel ME | Used cooking oil UCO                              | Sri Lanka                  | [low] | 0%     |
| International Sustainability and Carbon Certification. ISCC | No scheme | Biodiesel ME | Used cooking oil UCO                              | Sweden                     | [low] | 0%     |
| International Sustainability and Carbon Certification. ISCC | No scheme | Biodiesel ME | Used cooking oil UCO                              | Switzerland                | [low] | 0%     |
| International Sustainability and Carbon Certification. ISCC | No scheme | Biodiesel ME | Used cooking oil UCO                              | Taiwan                     | 26    | 1%     |
| International Sustainability and Carbon Certification. ISCC | No scheme | Biodiesel ME | Used cooking oil UCO                              | Tanzania                   | [low] | 0%     |
| International Sustainability and Carbon Certification. ISCC | No scheme | Biodiesel ME | Used cooking oil UCO                              | Thailand                   | 17    | [low%] |
| International Sustainability and Carbon Certification. ISCC | No scheme | Biodiesel ME | Used cooking oil UCO                              | Trinidad and Tobago        | [low] | [low%] |
| International Sustainability and Carbon Certification. ISCC | No scheme | Biodiesel ME | Used cooking oil UCO                              | Tunisia                    | 1     | [low%] |
| International Sustainability and Carbon Certification. ISCC | No scheme | Biodiesel ME | Used cooking oil UCO                              | Turkey                     | 1     | [low%] |
| International Sustainability and Carbon Certification. ISCC | No scheme | Biodiesel ME | Used cooking oil UCO                              | Ukraine                    | 24    | 1%     |
| International Sustainability and Carbon Certification. ISCC | No scheme | Biodiesel ME | Used cooking oil UCO                              | United Arab Emirates       | 8     | [low%] |
| International Sustainability and Carbon Certification. ISCC | No scheme | Biodiesel ME | Used cooking oil UCO                              | United Kingdom             | 44    | 1%     |
| International Sustainability and Carbon Certification. ISCC | No scheme | Biodiesel ME | Used cooking oil UCO                              | United States              | 3     | [low%] |
| International Sustainability and Carbon Certification. ISCC | No scheme | Biodiesel ME | Used cooking oil UCO                              | Uruguay                    | [low] | [low%] |
| International Sustainability and Carbon Certification. ISCC | No scheme | Biodiesel ME | Used cooking oil UCO                              | Vietnam                    | 9     | [low%] |
| International Sustainability and Carbon Certification. ISCC | No scheme | Biodiesel ME | Waste pressings from production of vegetable oils | Argentina                  | 1     | [low%] |
| International Sustainability and Carbon Certification. ISCC | No scheme | Biodiesel ME | Waste pressings from production of vegetable oils | Belgium                    | [low] | [low%] |
| International Sustainability and Carbon Certification. ISCC | No scheme | Biodiesel ME | Waste pressings from production of vegetable oils | Germany                    | [low] | [low%] |
| International Sustainability and Carbon Certification. ISCC | No scheme | Biodiesel ME | Waste pressings from production of vegetable oils | Netherlands                | [low] | [low%] |
| International Sustainability and Carbon Certification. ISCC | No scheme | Biodiesel ME | Waste pressings from production of vegetable oils | Portugal                   | [low] | 0%     |
| International Sustainability and Carbon Certification. ISCC | No scheme | Biodiesel ME | Waste pressings from production of vegetable oils | Spain                      | 8     | [low%] |
| International Sustainability and Carbon Certification. ISCC | No scheme | Bioethanol   | Barley  | Germany                    | 1     | [low%] |
| International Sustainability and Carbon Certification. ISCC | No scheme | Bioethanol   | Corn  | Argentina                  | 12    | [low%] |
| International Sustainability and Carbon Certification. ISCC | No scheme | Bioethanol   | Corn  | Brazil                     | 2     | [low%] |
| International Sustainability and Carbon Certification. ISCC | No scheme | Bioethanol   | Corn  | Canada                     | 16    | [low%] |
| International Sustainability and Carbon Certification. ISCC | No scheme | Bioethanol   | Corn  | France                     | 2     | [low%] |
| International Sustainability and Carbon Certification. ISCC | No scheme | Bioethanol   | Corn  | Hungary                    | 3     | [low%] |
| International Sustainability and Carbon Certification. ISCC | No scheme | Bioethanol   | Corn  | Paraguay                   | 10    | [low%] |
| International Sustainability and Carbon Certification. ISCC | No scheme | Bioethanol   | Corn  | Poland                     | 59    | 2%     |
| International Sustainability and Carbon Certification. ISCC | No scheme | Bioethanol   | Corn  | Romania                    | 2     | [low%] |
| International Sustainability and Carbon Certification. ISCC | No scheme | Bioethanol   | Corn  | Spain                      | 1     | [low%] |
| International Sustainability and Carbon Certification. ISCC | No scheme | Bioethanol   | Corn  | Ukraine                    | 45    | 1%     |
| International Sustainability and Carbon Certification. ISCC | No scheme | Bioethanol   | Corn  | United States              | 307   | 9%     |
| International Sustainability and Carbon Certification. ISCC | No scheme | Bioethanol   | Ethanol from cleaning/extraction of blood plasma  | Germany                    | 2     | [low%] |
| International Sustainability and Carbon Certification. ISCC | No scheme | Bioethanol   | Ethanol from extraction from medicinal plants     | Germany                    | 2     | [low%] |
| International Sustainability and Carbon Certification. ISCC | No scheme | Bioethanol   | Food waste  | Belgium                    | [low] | 0%     |
| International Sustainability and Carbon Certification. ISCC | No scheme | Bioethanol   | Food waste  | Finland                    | [low] | 0%     |
| International Sustainability and Carbon Certification. ISCC | No scheme | Bioethanol   | Food waste  | France                     | 1     | [low%] |
| International Sustainability and Carbon Certification. ISCC | No scheme | Bioethanol   | Food waste  | Germany                    | 6     | [low%] |
| International Sustainability and Carbon Certification. ISCC | No scheme | Bioethanol   | Food waste  | Hungary                    | 2     | [low%] |

|   |           |                         |   |                |       |        |
|---|-----------|-------------------------|---|----------------|-------|--------|
| International Sustainability and Carbon Certification. ISCC | No scheme | Bioethanol              | Food waste  | Latvia         | 2     | [low%] |
| International Sustainability and Carbon Certification. ISCC | No scheme | Bioethanol              | Food waste  | Lithuania      | [low] | 0%     |
| International Sustainability and Carbon Certification. ISCC | No scheme | Bioethanol              | Food waste  | Panama         | 1     | [low%] |
| International Sustainability and Carbon Certification. ISCC | No scheme | Bioethanol              | Food waste  | Poland         | 17    | [low%] |
| International Sustainability and Carbon Certification. ISCC | No scheme | Bioethanol              | Food waste  | Sweden         | [low] | [low%] |
| International Sustainability and Carbon Certification. ISCC | No scheme | Bioethanol              | Food waste  | Ukraine        | 6     | [low%] |
| International Sustainability and Carbon Certification. ISCC | No scheme | Bioethanol              | Out of date disinfectant                            | Germany        | [low] | [low%] |
| International Sustainability and Carbon Certification. ISCC | No scheme | Bioethanol              | Out of date disinfectant                            | Netherlands    | [low] | [low%] |
| International Sustainability and Carbon Certification. ISCC | No scheme | Bioethanol              | Starch slurry (waste)                               | Austria        | 7     | [low%] |
| International Sustainability and Carbon Certification. ISCC | No scheme | Bioethanol              | Starch slurry (waste)                               | Belgium        | 5     | [low%] |
| International Sustainability and Carbon Certification. ISCC | No scheme | Bioethanol              | Starch slurry (waste)                               | France         | 40    | 1%     |
| International Sustainability and Carbon Certification. ISCC | No scheme | Bioethanol              | Starch slurry (waste)                               | Germany        | 14    | [low%] |
| International Sustainability and Carbon Certification. ISCC | No scheme | Bioethanol              | Starch slurry (waste)                               | Hungary        | 7     | [low%] |
| International Sustainability and Carbon Certification. ISCC | No scheme | Bioethanol              | Starch slurry (waste)                               | Kazakhstan     | 15    | [low%] |
| International Sustainability and Carbon Certification. ISCC | No scheme | Bioethanol              | Starch slurry (waste)                               | Lithuania      | 4     | [low%] |
| International Sustainability and Carbon Certification. ISCC | No scheme | Bioethanol              | Starch slurry (waste)                               | United States  | 38    | 1%     |
| International Sustainability and Carbon Certification. ISCC | No scheme | Bioethanol              | Straw   | Ukraine        | 1     | [low%] |
| International Sustainability and Carbon Certification. ISCC | No scheme | Bioethanol              | Sugar beet  | France         | 3     | [low%] |
| International Sustainability and Carbon Certification. ISCC | No scheme | Bioethanol              | Sugar beet betaine residue                          | United Kingdom | 49    | 1%     |
| International Sustainability and Carbon Certification. ISCC | No scheme | Bioethanol              | Sugar beet tops, tails, chips & process water       | Ukraine        | 18    | 1%     |
| International Sustainability and Carbon Certification. ISCC | No scheme | Bioethanol              | Sugar cane  | Bolivia        | [low] | 0%     |
| International Sustainability and Carbon Certification. ISCC | No scheme | Bioethanol              | Sugar cane  | Brazil         | 159   | 4%     |
| International Sustainability and Carbon Certification. ISCC | No scheme | Bioethanol              | Sugar cane  | Costa Rica     | [low] | [low%] |
| International Sustainability and Carbon Certification. ISCC | No scheme | Bioethanol              | Sugar cane  | Guatemala      | 16    | [low%] |
| International Sustainability and Carbon Certification. ISCC | No scheme | Bioethanol              | Sugar cane  | United States  | 3     | [low%] |
| International Sustainability and Carbon Certification. ISCC | No scheme | Bioethanol              | Unrefined liquid dextrose ultrafiltration retentate | United States  | 270   | 8%     |
| International Sustainability and Carbon Certification. ISCC | No scheme | Bioethanol              | Wheat   | Belgium        | 1     | [low%] |
| International Sustainability and Carbon Certification. ISCC | No scheme | Bioethanol              | Wheat   | Czech Republic | 3     | [low%] |
| International Sustainability and Carbon Certification. ISCC | No scheme | Bioethanol              | Wheat   | France         | 4     | [low%] |
| International Sustainability and Carbon Certification. ISCC | No scheme | Bioethanol              | Wheat   | Germany        | 1     | [low%] |
| International Sustainability and Carbon Certification. ISCC | No scheme | Bioethanol              | Wheat   | Latvia         | [low] | 0%     |
| International Sustainability and Carbon Certification. ISCC | No scheme | Bioethanol              | Wheat   | United Kingdom | 195   | 5%     |
| International Sustainability and Carbon Certification. ISCC | No scheme | Biomethane (compressed) | Brown grease  | Netherlands    | 5     | [low%] |
| International Sustainability and Carbon Certification. ISCC | No scheme | Biomethane (compressed) | Cobs  | Belgium        | [low] | 0%     |
| International Sustainability and Carbon Certification. ISCC | No scheme | Biomethane (compressed) | Crude glycerine                                     | Belgium        | [low] | 0%     |
| International Sustainability and Carbon Certification. ISCC | No scheme | Biomethane (compressed) | Crude glycerine                                     | Brazil         | [low] | 0%     |
| International Sustainability and Carbon Certification. ISCC | No scheme | Biomethane (compressed) | Crude glycerine                                     | France         | [low] | 0%     |
| International Sustainability and Carbon Certification. ISCC | No scheme | Biomethane (compressed) | Crude glycerine                                     | Germany        | 4     | [low%] |
| International Sustainability and Carbon Certification. ISCC | No scheme | Biomethane (compressed) | Crude glycerine                                     | Italy          | [low] | 0%     |
| International Sustainability and Carbon Certification. ISCC | No scheme | Biomethane (compressed) | Crude glycerine                                     | Netherlands    | 3     | [low%] |
| International Sustainability and Carbon Certification. ISCC | No scheme | Biomethane (compressed) | Crude glycerine                                     | United Kingdom | [low] | [low%] |
| International Sustainability and Carbon Certification. ISCC | No scheme | Biomethane (compressed) | Draff   | United Kingdom | 1     | [low%] |
| International Sustainability and Carbon Certification. ISCC | No scheme | Biomethane (compressed) | Dry manure  | Denmark        | [low] | 0%     |
| International Sustainability and Carbon Certification. ISCC | No scheme | Biomethane (compressed) | Dry manure  | Netherlands    | [low] | 0%     |
| International Sustainability and Carbon Certification. ISCC | No scheme | Biomethane (compressed) | Food waste  | Belgium        | 1     | [low%] |
| International Sustainability and Carbon Certification. ISCC | No scheme | Biomethane (compressed) | Food waste  | Czech Republic | [low] | 0%     |
| International Sustainability and Carbon Certification. ISCC | No scheme | Biomethane (compressed) | Food waste  | Denmark        | [low] | [low%] |
| International Sustainability and Carbon Certification. ISCC | No scheme | Biomethane (compressed) | Food waste  | France         | [low] | 0%     |
| International Sustainability and Carbon Certification. ISCC | No scheme | Biomethane (compressed) | Food waste  | Germany        | [low] | [low%] |
| International Sustainability and Carbon Certification. ISCC | No scheme | Biomethane (compressed) | Food waste  | Netherlands    | 5     | [low%] |
| International Sustainability and Carbon Certification. ISCC | No scheme | Biomethane (compressed) | Food waste  | Spain          | 1     | [low%] |
| International Sustainability and Carbon Certification. ISCC | No scheme | Biomethane (compressed) | Food waste  | Sweden         | 5     | [low%] |
| International Sustainability and Carbon Certification. ISCC | No scheme | Biomethane (compressed) | Food waste  | United Kingdom | [low] | [low%] |



|   |           |                         |   |                |       |        |
|---|-----------|-------------------------|---|----------------|-------|--------|
| International Sustainability and Carbon Certification. ISCC | No scheme | Biomethane (compressed) | Glycerol  | United Kingdom | [low] | 0%     |
| International Sustainability and Carbon Certification. ISCC | No scheme | Biomethane (compressed) | Husks   | Belgium        | [low] | 0%     |
| International Sustainability and Carbon Certification. ISCC | No scheme | Biomethane (compressed) | Husks   | Denmark        | [low] | 0%     |
| International Sustainability and Carbon Certification. ISCC | No scheme | Biomethane (compressed) | Husks   | Germany        | [low] | [low%] |
| International Sustainability and Carbon Certification. ISCC | No scheme | Biomethane (compressed) | Husks   | Latvia         | [low] | 0%     |
| International Sustainability and Carbon Certification. ISCC | No scheme | Biomethane (compressed) | Husks   | Netherlands    | [low] | [low%] |
| International Sustainability and Carbon Certification. ISCC | No scheme | Biomethane (compressed) | Matter organic non glycerol                       | Poland         | [low] | 0%     |
| International Sustainability and Carbon Certification. ISCC | No scheme | Biomethane (compressed) | Municipal grass cuttings                          | Belgium        | [low] | [low%] |
| International Sustainability and Carbon Certification. ISCC | No scheme | Biomethane (compressed) | Municipal grass cuttings                          | Netherlands    | [low] | 0%     |
| International Sustainability and Carbon Certification. ISCC | No scheme | Biomethane (compressed) | Nut shells  | Netherlands    | [low] | [low%] |
| International Sustainability and Carbon Certification. ISCC | No scheme | Biomethane (compressed) | Organic municipal solid waste                     | Netherlands    | 9     | [low%] |
| International Sustainability and Carbon Certification. ISCC | No scheme | Biomethane (compressed) | Organic municipal solid waste                     | Spain          | 19    | 1%     |
| International Sustainability and Carbon Certification. ISCC | No scheme | Biomethane (compressed) | Pot Ale   | United Kingdom | [low] | 0%     |
| International Sustainability and Carbon Certification. ISCC | No scheme | Biomethane (compressed) | Pot Ale Syrup                                     | United Kingdom | [low] | 0%     |
| International Sustainability and Carbon Certification. ISCC | No scheme | Biomethane (compressed) | Sewage sludge                                     | Belgium        | [low] | 0%     |
| International Sustainability and Carbon Certification. ISCC | No scheme | Biomethane (compressed) | Sewage sludge                                     | Netherlands    | [low] | 0%     |
| International Sustainability and Carbon Certification. ISCC | No scheme | Biomethane (compressed) | Sewage sludge                                     | Spain          | 1     | [low%] |
| International Sustainability and Carbon Certification. ISCC | No scheme | Biomethane (compressed) | Sewage sludge                                     | Sweden         | 7     | [low%] |
| International Sustainability and Carbon Certification. ISCC | No scheme | Biomethane (compressed) | Sewage sludge                                     | United Kingdom | 1     | [low%] |
| International Sustainability and Carbon Certification. ISCC | No scheme | Biomethane (compressed) | Sewage system FOG                                 | Netherlands    | [low] | 0%     |
| International Sustainability and Carbon Certification. ISCC | No scheme | Biomethane (compressed) | Soapstock acid oil contaminated with sulphur      | Germany        | [low] | 0%     |
| International Sustainability and Carbon Certification. ISCC | No scheme | Biomethane (compressed) | Spent wheat grains                                | United Kingdom | [low] | 0%     |
| International Sustainability and Carbon Certification. ISCC | No scheme | Biomethane (compressed) | Straw   | Denmark        | 2     | [low%] |
| International Sustainability and Carbon Certification. ISCC | No scheme | Biomethane (compressed) | Sugar beet tops, tails, chips & process water     | Netherlands    | [low] | [low%] |
| International Sustainability and Carbon Certification. ISCC | No scheme | Biomethane (compressed) | Sugar beet tops, tails, chips & process water     | Sweden         | [low] | 0%     |
| International Sustainability and Carbon Certification. ISCC | No scheme | Biomethane (compressed) | Waste pressings from production of vegetable oils | Germany        | [low] | 0%     |
| International Sustainability and Carbon Certification. ISCC | No scheme | Biomethane (compressed) | Waste pressings from production of vegetable oils | Netherlands    | [low] | 0%     |
| International Sustainability and Carbon Certification. ISCC | No scheme | Biomethane (compressed) | Waste pressings from production of vegetable oils | Spain          | [low] | 0%     |
| International Sustainability and Carbon Certification. ISCC | No scheme | Biomethane (compressed) | Waste pressings from production of vegetable oils | United Kingdom | [low] | 0%     |
| International Sustainability and Carbon Certification. ISCC | No scheme | Biomethane (compressed) | Wet manure  | Belgium        | [low] | [low%] |
| International Sustainability and Carbon Certification. ISCC | No scheme | Biomethane (compressed) | Wet manure  | Denmark        | 1     | [low%] |
| International Sustainability and Carbon Certification. ISCC | No scheme | Biomethane (compressed) | Wet manure  | Netherlands    | 1     | [low%] |
| International Sustainability and Carbon Certification. ISCC | No scheme | Biomethane (compressed) | Wet manure  | Spain          | [low] | 0%     |
| International Sustainability and Carbon Certification. ISCC | No scheme | Biomethane (liquified)  | Brown grease                                      | Netherlands    | 1     | [low%] |
| International Sustainability and Carbon Certification. ISCC | No scheme | Biomethane (liquified)  | Crude glycerine                                   | Belgium        | 1     | [low%] |
| International Sustainability and Carbon Certification. ISCC | No scheme | Biomethane (liquified)  | Crude glycerine                                   | Germany        | 1     | [low%] |
| International Sustainability and Carbon Certification. ISCC | No scheme | Biomethane (liquified)  | Crude glycerine                                   | Netherlands    | 1     | [low%] |
| International Sustainability and Carbon Certification. ISCC | No scheme | Biomethane (liquified)  | Crude glycerine                                   | United Kingdom | [low] | 0%     |
| International Sustainability and Carbon Certification. ISCC | No scheme | Biomethane (liquified)  | Food waste  | Czech Republic | 1     | [low%] |
| International Sustainability and Carbon Certification. ISCC | No scheme | Biomethane (liquified)  | Food waste  | Germany        | [low] | [low%] |
| International Sustainability and Carbon Certification. ISCC | No scheme | Biomethane (liquified)  | Food waste  | Netherlands    | 4     | [low%] |
| International Sustainability and Carbon Certification. ISCC | No scheme | Biomethane (liquified)  | Food waste  | Spain          | [low] | 0%     |
| International Sustainability and Carbon Certification. ISCC | No scheme | Biomethane (liquified)  | Food waste  | Sweden         | [low] | [low%] |
| International Sustainability and Carbon Certification. ISCC | No scheme | Biomethane (liquified)  | Husks   | Belgium        | [low] | 0%     |
| International Sustainability and Carbon Certification. ISCC | No scheme | Biomethane (liquified)  | Husks   | Denmark        | [low] | [low%] |
| International Sustainability and Carbon Certification. ISCC | No scheme | Biomethane (liquified)  | Husks   | Germany        | [low] | [low%] |
| International Sustainability and Carbon Certification. ISCC | No scheme | Biomethane (liquified)  | Husks   | Netherlands    | 1     | [low%] |
| International Sustainability and Carbon Certification. ISCC | No scheme | Biomethane (liquified)  | Husks   | Portugal       | [low] | 0%     |
| International Sustainability and Carbon Certification. ISCC | No scheme | Biomethane (liquified)  | Municipal grass cuttings                          | Netherlands    | [low] | 0%     |
| International Sustainability and Carbon Certification. ISCC | No scheme | Biomethane (liquified)  | Organic municipal solid waste                     | Netherlands    | 3     | [low%] |
| International Sustainability and Carbon Certification. ISCC | No scheme | Biomethane (liquified)  | Organic municipal solid waste                     | Spain          | 1     | [low%] |
| International Sustainability and Carbon Certification. ISCC | No scheme | Biomethane (liquified)  | Sewage sludge                                     | Germany        | [low] | 0%     |
| International Sustainability and Carbon Certification. ISCC | No scheme | Biomethane (liquified)  | Sewage sludge                                     | Netherlands    | 5     | [low%] |

|   |           |                        |   |                      |       |        |
|---|-----------|------------------------|---|----------------------|-------|--------|
| International Sustainability and Carbon Certification. ISCC | No scheme | Biomethane (liquified) | Sewage sludge                                 | Spain                | [low] | 0%     |
| International Sustainability and Carbon Certification. ISCC | No scheme | Biomethane (liquified) | Sewage sludge                                 | United Kingdom       | 2     | [low%] |
| International Sustainability and Carbon Certification. ISCC | No scheme | Biomethane (liquified) | Soapstock acid oil contaminated with sulphur  | Germany              | 1     | [low%] |
| International Sustainability and Carbon Certification. ISCC | No scheme | Biomethane (liquified) | Soapstock acid oil contaminated with sulphur  | United Kingdom       | [low] | 0%     |
| International Sustainability and Carbon Certification. ISCC | No scheme | Biomethane (liquified) | Sugar beet tops, tails, chips & process water | Germany              | [low] | [low%] |
| International Sustainability and Carbon Certification. ISCC | No scheme | Biomethane (liquified) | Sugar beet tops, tails, chips & process water | Netherlands          | [low] | 0%     |
| International Sustainability and Carbon Certification. ISCC | No scheme | Biomethane (liquified) | Used cooking oil UCO                          | Czech Republic       | [low] | 0%     |
| International Sustainability and Carbon Certification. ISCC | No scheme | Biomethane (liquified) | Used cooking oil UCO                          | Netherlands          | [low] | 0%     |
| International Sustainability and Carbon Certification. ISCC | No scheme | Biomethane (liquified) | Wet manure                                    | Netherlands          | 6     | [low%] |
| International Sustainability and Carbon Certification. ISCC | No scheme | Biomethane (liquified) | Wet manure                                    | Spain                | [low] | 0%     |
| International Sustainability and Carbon Certification. ISCC | No scheme | Biopropane             | End of life tyres (renewable component)       | Poland               | [low] | 0%     |
| International Sustainability and Carbon Certification. ISCC | No scheme | Biopropane             | End of life tyres (renewable component)       | Sweden               | [low] | 0%     |
| International Sustainability and Carbon Certification. ISCC | No scheme | Biopropane             | End of life tyres (renewable component)       | Turkey               | [low] | 0%     |
| International Sustainability and Carbon Certification. ISCC | No scheme | Biopropane             | Palm  | Indonesia            | 3     | [low%] |
| International Sustainability and Carbon Certification. ISCC | No scheme | Biopropane             | Palm  | Malaysia             | [low] | 0%     |
| International Sustainability and Carbon Certification. ISCC | No scheme | Biopropane             | Palm fatty acid distillate                    | Indonesia            | 1     | [low%] |
| International Sustainability and Carbon Certification. ISCC | No scheme | Biopropane             | Used cooking oil UCO                          | Chile                | [low] | 0%     |
| International Sustainability and Carbon Certification. ISCC | No scheme | Biopropane             | Used cooking oil UCO                          | China                | 3     | [low%] |
| International Sustainability and Carbon Certification. ISCC | No scheme | Biopropane             | Used cooking oil UCO                          | Colombia             | [low] | 0%     |
| International Sustainability and Carbon Certification. ISCC | No scheme | Biopropane             | Used cooking oil UCO                          | Egypt                | [low] | 0%     |
| International Sustainability and Carbon Certification. ISCC | No scheme | Biopropane             | Used cooking oil UCO                          | France               | [low] | 0%     |
| International Sustainability and Carbon Certification. ISCC | No scheme | Biopropane             | Used cooking oil UCO                          | Georgia              | [low] | 0%     |
| International Sustainability and Carbon Certification. ISCC | No scheme | Biopropane             | Used cooking oil UCO                          | Germany              | [low] | 0%     |
| International Sustainability and Carbon Certification. ISCC | No scheme | Biopropane             | Used cooking oil UCO                          | Hong Kong            | [low] | 0%     |
| International Sustainability and Carbon Certification. ISCC | No scheme | Biopropane             | Used cooking oil UCO                          | Indonesia            | 1     | [low%] |
| International Sustainability and Carbon Certification. ISCC | No scheme | Biopropane             | Used cooking oil UCO                          | Ireland, Republic of | [low] | 0%     |
| International Sustainability and Carbon Certification. ISCC | No scheme | Biopropane             | Used cooking oil UCO                          | Israel               | [low] | 0%     |
| International Sustainability and Carbon Certification. ISCC | No scheme | Biopropane             | Used cooking oil UCO                          | Italy                | [low] | 0%     |
| International Sustainability and Carbon Certification. ISCC | No scheme | Biopropane             | Used cooking oil UCO                          | Malaysia             | 5     | [low%] |
| International Sustainability and Carbon Certification. ISCC | No scheme | Biopropane             | Used cooking oil UCO                          | Netherlands          | [low] | [low%] |
| International Sustainability and Carbon Certification. ISCC | No scheme | Biopropane             | Used cooking oil UCO                          | Peru                 | [low] | 0%     |
| International Sustainability and Carbon Certification. ISCC | No scheme | Biopropane             | Used cooking oil UCO                          | Qatar                | [low] | 0%     |
| International Sustainability and Carbon Certification. ISCC | No scheme | Biopropane             | Used cooking oil UCO                          | Republic of Korea    | [low] | 0%     |
| International Sustainability and Carbon Certification. ISCC | No scheme | Biopropane             | Used cooking oil UCO                          | Saudi Arabia         | [low] | 0%     |
| International Sustainability and Carbon Certification. ISCC | No scheme | Biopropane             | Used cooking oil UCO                          | Singapore            | [low] | 0%     |
| International Sustainability and Carbon Certification. ISCC | No scheme | Biopropane             | Used cooking oil UCO                          | South Africa         | [low] | 0%     |
| International Sustainability and Carbon Certification. ISCC | No scheme | Biopropane             | Used cooking oil UCO                          | Spain                | [low] | 0%     |
| International Sustainability and Carbon Certification. ISCC | No scheme | Biopropane             | Used cooking oil UCO                          | Taiwan               | [low] | 0%     |
| International Sustainability and Carbon Certification. ISCC | No scheme | Biopropane             | Used cooking oil UCO                          | United Kingdom       | [low] | [low%] |
| International Sustainability and Carbon Certification. ISCC | No scheme | Biopropane             | Used cooking oil UCO                          | Uruguay              | [low] | 0%     |
| International Sustainability and Carbon Certification. ISCC | No scheme | Biopropane             | Used cooking oil UCO                          | Vietnam              | [low] | 0%     |
| International Sustainability and Carbon Certification. ISCC | No scheme | Development diesel     | End of life tyres (renewable component)       | Poland               | 2     | [low%] |
| International Sustainability and Carbon Certification. ISCC | No scheme | Development diesel     | End of life tyres (renewable component)       | Sweden               | [low] | [low%] |
| International Sustainability and Carbon Certification. ISCC | No scheme | Development diesel     | End of life tyres (renewable component)       | Turkey               | [low] | 0%     |
| International Sustainability and Carbon Certification. ISCC | No scheme | Development diesel     | Organic municipal solid waste                 | United States        | 39    | 1%     |
| International Sustainability and Carbon Certification. ISCC | No scheme | Development petrol     | End of life tyres (renewable component)       | Poland               | 1     | [low%] |
| International Sustainability and Carbon Certification. ISCC | No scheme | Development petrol     | End of life tyres (renewable component)       | Sweden               | [low] | 0%     |
| International Sustainability and Carbon Certification. ISCC | No scheme | Development petrol     | End of life tyres (renewable component)       | Turkey               | [low] | 0%     |
| International Sustainability and Carbon Certification. ISCC | No scheme | Development petrol     | Organic municipal solid waste                 | United States        | 9     | [low%] |
| International Sustainability and Carbon Certification. ISCC | No scheme | HVO                    | Brown grease                                  | China                | 1     | [low%] |
| International Sustainability and Carbon Certification. ISCC | No scheme | HVO                    | Palm oil mill effluent                        | Indonesia            | 63    | 2%     |
| International Sustainability and Carbon Certification. ISCC | No scheme | HVO                    | Palm oil mill effluent                        | Malaysia             | 36    | 1%     |
| International Sustainability and Carbon Certification. ISCC | No scheme | HVO                    | Spent bleaching earth                         | Indonesia            | 6     | [low%] |

|   |           |                |   |                      |       |        |
|---|-----------|----------------|---|----------------------|-------|--------|
| International Sustainability and Carbon Certification. ISCC | No scheme | HVO            | Spent bleaching earth                             | Malaysia             | 7     | [low%] |
| International Sustainability and Carbon Certification. ISCC | No scheme | HVO            | Tallow - category 1                               | Belgium              | [low] | [low%] |
| International Sustainability and Carbon Certification. ISCC | No scheme | HVO            | Tallow - category 1                               | Germany              | [low] | [low%] |
| International Sustainability and Carbon Certification. ISCC | No scheme | HVO            | Tallow - category 1                               | Netherlands          | [low] | [low%] |
| International Sustainability and Carbon Certification. ISCC | No scheme | HVO            | Tallow - category 1                               | Spain                | [low] | 0%     |
| International Sustainability and Carbon Certification. ISCC | No scheme | HVO            | Used cooking oil UCO                              | Argentina            | [low] | 0%     |
| International Sustainability and Carbon Certification. ISCC | No scheme | HVO            | Used cooking oil UCO                              | Australia            | 3     | [low%] |
| International Sustainability and Carbon Certification. ISCC | No scheme | HVO            | Used cooking oil UCO                              | Belgium              | [low] | [low%] |
| International Sustainability and Carbon Certification. ISCC | No scheme | HVO            | Used cooking oil UCO                              | Chile                | 6     | [low%] |
| International Sustainability and Carbon Certification. ISCC | No scheme | HVO            | Used cooking oil UCO                              | China                | 95    | 3%     |
| International Sustainability and Carbon Certification. ISCC | No scheme | HVO            | Used cooking oil UCO                              | Cyprus               | [low] | 0%     |
| International Sustainability and Carbon Certification. ISCC | No scheme | HVO            | Used cooking oil UCO                              | Egypt                | [low] | 0%     |
| International Sustainability and Carbon Certification. ISCC | No scheme | HVO            | Used cooking oil UCO                              | Estonia              | [low] | 0%     |
| International Sustainability and Carbon Certification. ISCC | No scheme | HVO            | Used cooking oil UCO                              | Finland              | [low] | 0%     |
| International Sustainability and Carbon Certification. ISCC | No scheme | HVO            | Used cooking oil UCO                              | France               | 67    | 2%     |
| International Sustainability and Carbon Certification. ISCC | No scheme | HVO            | Used cooking oil UCO                              | Germany              | [low] | 0%     |
| International Sustainability and Carbon Certification. ISCC | No scheme | HVO            | Used cooking oil UCO                              | Indonesia            | 7     | [low%] |
| International Sustainability and Carbon Certification. ISCC | No scheme | HVO            | Used cooking oil UCO                              | Ireland, Republic of | [low] | [low%] |
| International Sustainability and Carbon Certification. ISCC | No scheme | HVO            | Used cooking oil UCO                              | Italy                | 13    | [low%] |
| International Sustainability and Carbon Certification. ISCC | No scheme | HVO            | Used cooking oil UCO                              | Japan                | 1     | [low%] |
| International Sustainability and Carbon Certification. ISCC | No scheme | HVO            | Used cooking oil UCO                              | Jordan               | [low] | [low%] |
| International Sustainability and Carbon Certification. ISCC | No scheme | HVO            | Used cooking oil UCO                              | Latvia               | [low] | 0%     |
| International Sustainability and Carbon Certification. ISCC | No scheme | HVO            | Used cooking oil UCO                              | Lebanon              | [low] | 0%     |
| International Sustainability and Carbon Certification. ISCC | No scheme | HVO            | Used cooking oil UCO                              | Malaysia             | 2     | [low%] |
| International Sustainability and Carbon Certification. ISCC | No scheme | HVO            | Used cooking oil UCO                              | Netherlands          | 41    | 1%     |
| International Sustainability and Carbon Certification. ISCC | No scheme | HVO            | Used cooking oil UCO                              | New Zealand          | [low] | [low%] |
| International Sustainability and Carbon Certification. ISCC | No scheme | HVO            | Used cooking oil UCO                              | Poland               | [low] | [low%] |
| International Sustainability and Carbon Certification. ISCC | No scheme | HVO            | Used cooking oil UCO                              | Portugal             | [low] | [low%] |
| International Sustainability and Carbon Certification. ISCC | No scheme | HVO            | Used cooking oil UCO                              | Qatar                | [low] | 0%     |
| International Sustainability and Carbon Certification. ISCC | No scheme | HVO            | Used cooking oil UCO                              | Republic of Korea    | [low] | 0%     |
| International Sustainability and Carbon Certification. ISCC | No scheme | HVO            | Used cooking oil UCO                              | Romania              | [low] | 0%     |
| International Sustainability and Carbon Certification. ISCC | No scheme | HVO            | Used cooking oil UCO                              | Saudi Arabia         | 1     | [low%] |
| International Sustainability and Carbon Certification. ISCC | No scheme | HVO            | Used cooking oil UCO                              | Singapore            | [low] | 0%     |
| International Sustainability and Carbon Certification. ISCC | No scheme | HVO            | Used cooking oil UCO                              | Spain                | 2     | [low%] |
| International Sustainability and Carbon Certification. ISCC | No scheme | HVO            | Used cooking oil UCO                              | Thailand             | [low] | 0%     |
| International Sustainability and Carbon Certification. ISCC | No scheme | HVO            | Used cooking oil UCO                              | United Arab Emirates | [low] | 0%     |
| International Sustainability and Carbon Certification. ISCC | No scheme | HVO            | Used cooking oil UCO                              | United Kingdom       | 1     | [low%] |
| International Sustainability and Carbon Certification. ISCC | No scheme | HVO            | Used cooking oil UCO                              | United States        | 4     | [low%] |
| International Sustainability and Carbon Certification. ISCC | No scheme | HVO            | Used cooking oil UCO                              | Vietnam              | 2     | [low%] |
| International Sustainability and Carbon Certification. ISCC | No scheme | Methanol (bio) | Bagasse   | Netherlands          | [low] | [low%] |
| International Sustainability and Carbon Certification. ISCC | No scheme | Methanol (bio) | Draff   | United Kingdom       | 1     | [low%] |
| International Sustainability and Carbon Certification. ISCC | No scheme | Methanol (bio) | Dry manure  | Netherlands          | [low] | 0%     |
| International Sustainability and Carbon Certification. ISCC | No scheme | Methanol (bio) | Food waste  | United States        | [low] | [low%] |
| International Sustainability and Carbon Certification. ISCC | No scheme | Methanol (bio) | Organic municipal solid waste                     | Netherlands          | [low] | [low%] |
| International Sustainability and Carbon Certification. ISCC | No scheme | Methanol (bio) | Organic municipal solid waste                     | United States        | 3     | [low%] |
| International Sustainability and Carbon Certification. ISCC | No scheme | Methanol (bio) | Pot Ale Syrup                                     | United Kingdom       | [low] | 0%     |
| International Sustainability and Carbon Certification. ISCC | No scheme | Methanol (bio) | Sewage sludge                                     | United Kingdom       | [low] | 0%     |
| International Sustainability and Carbon Certification. ISCC | No scheme | Methanol (bio) | Sewage sludge                                     | United States        | 8     | [low%] |
| International Sustainability and Carbon Certification. ISCC | No scheme | Methanol (bio) | Spent wheat grains                                | United Kingdom       | 3     | [low%] |
| International Sustainability and Carbon Certification. ISCC | No scheme | Methanol (bio) | Starch slurry (waste)                             | United States        | 5     | [low%] |
| International Sustainability and Carbon Certification. ISCC | No scheme | Methanol (bio) | Washdown water                                    | United States        | 2     | [low%] |
| International Sustainability and Carbon Certification. ISCC | No scheme | Methanol (bio) | Waste pressings from production of vegetable oils | Italy                | [low] | 0%     |
| International Sustainability and Carbon Certification. ISCC | No scheme | Methanol (bio) | Waste pressings from production of vegetable oils | United States        | 11    | [low%] |

|   |           |                    |   |                      |       |        |
|---|-----------|--------------------|---|----------------------|-------|--------|
| International Sustainability and Carbon Certification. ISCC | No scheme | Methanol (bio)     | Waste/residues from the production of vegetable oil | United States        | 4     | [low%] |
| International Sustainability and Carbon Certification. ISCC | No scheme | Methanol (bio)     | Wet manure  | Netherlands          | [low] | [low%] |
| International Sustainability and Carbon Certification. ISCC | No scheme | Off road biodiesel | Brown grease  | China                | 1     | [low%] |
| International Sustainability and Carbon Certification. ISCC | No scheme | Off road biodiesel | Food waste  | United Kingdom       | [low] | [low%] |
| International Sustainability and Carbon Certification. ISCC | No scheme | Off road biodiesel | Oilseed rape  | Australia            | 1     | [low%] |
| International Sustainability and Carbon Certification. ISCC | No scheme | Off road biodiesel | Oilseed rape  | Czech Republic       | [low] | 0%     |
| International Sustainability and Carbon Certification. ISCC | No scheme | Off road biodiesel | Oilseed rape  | Poland               | [low] | 0%     |
| International Sustainability and Carbon Certification. ISCC | No scheme | Off road biodiesel | Palm  | Indonesia            | [low] | [low%] |
| International Sustainability and Carbon Certification. ISCC | No scheme | Off road biodiesel | Palm oil mill effluent                              | Indonesia            | 3     | [low%] |
| International Sustainability and Carbon Certification. ISCC | No scheme | Off road biodiesel | Palm oil mill effluent                              | Malaysia             | 1     | [low%] |
| International Sustainability and Carbon Certification. ISCC | No scheme | Off road biodiesel | Soy   | Argentina            | 2     | [low%] |
| International Sustainability and Carbon Certification. ISCC | No scheme | Off road biodiesel | Soy   | Paraguay             | [low] | [low%] |
| International Sustainability and Carbon Certification. ISCC | No scheme | Off road biodiesel | Soy   | Ukraine              | [low] | [low%] |
| International Sustainability and Carbon Certification. ISCC | No scheme | Off road biodiesel | Tallow - category 1                                 | Ireland, Republic of | 2     | [low%] |
| International Sustainability and Carbon Certification. ISCC | No scheme | Off road biodiesel | Tallow - category 1                                 | United Kingdom       | 1     | [low%] |
| International Sustainability and Carbon Certification. ISCC | No scheme | Off road biodiesel | Used cooking oil UCO                                | Argentina            | [low] | 0%     |
| International Sustainability and Carbon Certification. ISCC | No scheme | Off road biodiesel | Used cooking oil UCO                                | Bangladesh           | [low] | 0%     |
| International Sustainability and Carbon Certification. ISCC | No scheme | Off road biodiesel | Used cooking oil UCO                                | Belgium              | [low] | 0%     |
| International Sustainability and Carbon Certification. ISCC | No scheme | Off road biodiesel | Used cooking oil UCO                                | Bulgaria             | [low] | 0%     |
| International Sustainability and Carbon Certification. ISCC | No scheme | Off road biodiesel | Used cooking oil UCO                                | Cambodia             | [low] | 0%     |
| International Sustainability and Carbon Certification. ISCC | No scheme | Off road biodiesel | Used cooking oil UCO                                | Chile                | [low] | 0%     |
| International Sustainability and Carbon Certification. ISCC | No scheme | Off road biodiesel | Used cooking oil UCO                                | China                | 8     | [low%] |
| International Sustainability and Carbon Certification. ISCC | No scheme | Off road biodiesel | Used cooking oil UCO                                | Colombia             | [low] | 0%     |
| International Sustainability and Carbon Certification. ISCC | No scheme | Off road biodiesel | Used cooking oil UCO                                | Egypt                | [low] | [low%] |
| International Sustainability and Carbon Certification. ISCC | No scheme | Off road biodiesel | Used cooking oil UCO                                | Germany              | [low] | [low%] |
| International Sustainability and Carbon Certification. ISCC | No scheme | Off road biodiesel | Used cooking oil UCO                                | Greece               | [low] | [low%] |
| International Sustainability and Carbon Certification. ISCC | No scheme | Off road biodiesel | Used cooking oil UCO                                | Hong Kong            | [low] | 0%     |
| International Sustainability and Carbon Certification. ISCC | No scheme | Off road biodiesel | Used cooking oil UCO                                | Indonesia            | 2     | [low%] |
| International Sustainability and Carbon Certification. ISCC | No scheme | Off road biodiesel | Used cooking oil UCO                                | Ireland, Republic of | [low] | 0%     |
| International Sustainability and Carbon Certification. ISCC | No scheme | Off road biodiesel | Used cooking oil UCO                                | Japan                | [low] | 0%     |
| International Sustainability and Carbon Certification. ISCC | No scheme | Off road biodiesel | Used cooking oil UCO                                | Jordan               | [low] | 0%     |
| International Sustainability and Carbon Certification. ISCC | No scheme | Off road biodiesel | Used cooking oil UCO                                | Kuwait               | [low] | 0%     |
| International Sustainability and Carbon Certification. ISCC | No scheme | Off road biodiesel | Used cooking oil UCO                                | Lebanon              | [low] | 0%     |
| International Sustainability and Carbon Certification. ISCC | No scheme | Off road biodiesel | Used cooking oil UCO                                | Malaysia             | 3     | [low%] |
| International Sustainability and Carbon Certification. ISCC | No scheme | Off road biodiesel | Used cooking oil UCO                                | Mexico               | [low] | 0%     |
| International Sustainability and Carbon Certification. ISCC | No scheme | Off road biodiesel | Used cooking oil UCO                                | Netherlands          | [low] | [low%] |
| International Sustainability and Carbon Certification. ISCC | No scheme | Off road biodiesel | Used cooking oil UCO                                | New Zealand          | [low] | 0%     |
| International Sustainability and Carbon Certification. ISCC | No scheme | Off road biodiesel | Used cooking oil UCO                                | Peru                 | [low] | [low%] |
| International Sustainability and Carbon Certification. ISCC | No scheme | Off road biodiesel | Used cooking oil UCO                                | Philippines          | [low] | 0%     |
| International Sustainability and Carbon Certification. ISCC | No scheme | Off road biodiesel | Used cooking oil UCO                                | Poland               | 1     | [low%] |
| International Sustainability and Carbon Certification. ISCC | No scheme | Off road biodiesel | Used cooking oil UCO                                | Qatar                | [low] | 0%     |
| International Sustainability and Carbon Certification. ISCC | No scheme | Off road biodiesel | Used cooking oil UCO                                | Saudi Arabia         | [low] | 0%     |
| International Sustainability and Carbon Certification. ISCC | No scheme | Off road biodiesel | Used cooking oil UCO                                | Singapore            | 4     | [low%] |
| International Sustainability and Carbon Certification. ISCC | No scheme | Off road biodiesel | Used cooking oil UCO                                | Slovakia             | [low] | 0%     |
| International Sustainability and Carbon Certification. ISCC | No scheme | Off road biodiesel | Used cooking oil UCO                                | South Africa         | [low] | 0%     |
| International Sustainability and Carbon Certification. ISCC | No scheme | Off road biodiesel | Used cooking oil UCO                                | Spain                | [low] | [low%] |
| International Sustainability and Carbon Certification. ISCC | No scheme | Off road biodiesel | Used cooking oil UCO                                | Sri Lanka            | [low] | 0%     |
| International Sustainability and Carbon Certification. ISCC | No scheme | Off road biodiesel | Used cooking oil UCO                                | Taiwan               | [low] | 0%     |
| International Sustainability and Carbon Certification. ISCC | No scheme | Off road biodiesel | Used cooking oil UCO                                | Thailand             | 2     | [low%] |
| International Sustainability and Carbon Certification. ISCC | No scheme | Off road biodiesel | Used cooking oil UCO                                | Ukraine              | [low] | 0%     |
| International Sustainability and Carbon Certification. ISCC | No scheme | Off road biodiesel | Used cooking oil UCO                                | United Arab Emirates | [low] | [low%] |
| International Sustainability and Carbon Certification. ISCC | No scheme | Off road biodiesel | Used cooking oil UCO                                | United Kingdom       | 3     | [low%] |
| International Sustainability and Carbon Certification. ISCC | No scheme | Off road biodiesel | Used cooking oil UCO                                | Uruguay              | [low] | 0%     |

|  |                    |                       |   |                      |              |            |
|--|--------------------|-----------------------|---|----------------------|--------------|------------|
| International Sustainability and Carbon Certification. ISCC              | No scheme          | Off road biodiesel    | Used cooking oil UCO                              | Vietnam              | [low]        | [low%]     |
| International Sustainability and Carbon Certification. ISCC              | No scheme          | Off road biodiesel    | Waste pressings from production of vegetable oils | Argentina            | [low]        | [low%]     |
| International Sustainability and Carbon Certification. ISCC              | No scheme          | Pure bio oil          | Crude sulphate turpentine fractionation residues  | France               | 1            | [low%]     |
| International Sustainability and Carbon Certification. ISCC              | No scheme          | Pure bio oil          | Food waste  | United Kingdom       | [low]        | [low%]     |
| International Sustainability and Carbon Certification. ISCC              | No scheme          | Pure bio oil          | Rapeseed residue - single counting                | Netherlands          | [low]        | 0%         |
| International Sustainability and Carbon Certification. ISCC              | No scheme          | Pure bio oil          | Salmon oil - category 1 and 2                     | Norway               | [low]        | [low%]     |
| International Sustainability and Carbon Certification. ISCC              | No scheme          | Pure bio oil          | Used cooking oil UCO                              | United Kingdom       | 1            | [low%]     |
| International Sustainability and Carbon Certification. ISCC              | REDcert EU         | Biodiesel ME          | Tallow - category 1                               | Netherlands          | [low]        | 0%         |
| International Sustainability and Carbon Certification. ISCC              | REDcert EU         | Biodiesel ME          | Tallow - category 1                               | United Kingdom       | 2            | [low%]     |
| International Sustainability and Carbon Certification. ISCC              | REDcert EU         | HVO                   | Used cooking oil UCO                              | Italy                | [low]        | 0%         |
| International Sustainability and Carbon Certification. ISCC              | REDcert EU         | Off road biodiesel    | Tallow - category 1                               | United Kingdom       | [low]        | 0%         |
| <b>International Sustainability and Carbon Certification. ISCC Total</b> | <b>All schemes</b> | <b>All fuel types</b> | <b>All feedstocks</b>                             | <b>All countries</b> | <b>3,278</b> | <b>92%</b> |
| No scheme  | No scheme          | Biodiesel ME          | Brown grease                                      | China                | 2            | [low%]     |
| No scheme  | No scheme          | Biodiesel ME          | Crude glycerine                                   | United Kingdom       | [low]        | [low%]     |
| No scheme  | No scheme          | Biodiesel ME          | Food waste  | United Kingdom       | 2            | [low%]     |
| No scheme  | No scheme          | Biodiesel ME          | Palm oil mill effluent                            | Indonesia            | 8            | [low%]     |
| No scheme  | No scheme          | Biodiesel ME          | Palm oil mill effluent                            | Malaysia             | 11           | [low%]     |
| No scheme  | No scheme          | Biodiesel ME          | Sewage system FOG                                 | United Kingdom       | [low]        | 0%         |
| No scheme  | No scheme          | Biodiesel ME          | Soapstock acid oil contaminated with sulphur      | Brazil               | 2            | [low%]     |
| No scheme  | No scheme          | Biodiesel ME          | Soapstock acid oil contaminated with sulphur      | Italy                | [low]        | [low%]     |
| No scheme  | No scheme          | Biodiesel ME          | Soapstock acid oil contaminated with sulphur      | Morocco              | [low]        | [low%]     |
| No scheme  | No scheme          | Biodiesel ME          | Soapstock acid oil contaminated with sulphur      | Netherlands          | [low]        | [low%]     |
| No scheme  | No scheme          | Biodiesel ME          | Soapstock acid oil contaminated with sulphur      | Spain                | 1            | [low%]     |
| No scheme  | No scheme          | Biodiesel ME          | Soapstock acid oil contaminated with sulphur      | Tunisia              | [low]        | 0%         |
| No scheme  | No scheme          | Biodiesel ME          | Soapstock acid oil contaminated with sulphur      | Turkey               | [low]        | [low%]     |
| No scheme  | No scheme          | Biodiesel ME          | Soapstock acid oil contaminated with sulphur      | United Kingdom       | 1            | [low%]     |
| No scheme  | No scheme          | Biodiesel ME          | Tallow - category 1                               | United Kingdom       | 2            | [low%]     |
| No scheme  | No scheme          | Biodiesel ME          | Used cooking oil UCO                              | Argentina            | [low]        | 0%         |
| No scheme  | No scheme          | Biodiesel ME          | Used cooking oil UCO                              | Australia            | [low]        | 0%         |
| No scheme  | No scheme          | Biodiesel ME          | Used cooking oil UCO                              | Bahrain              | [low]        | 0%         |
| No scheme  | No scheme          | Biodiesel ME          | Used cooking oil UCO                              | Bangladesh           | [low]        | 0%         |
| No scheme  | No scheme          | Biodiesel ME          | Used cooking oil UCO                              | Belgium              | [low]        | [low%]     |
| No scheme  | No scheme          | Biodiesel ME          | Used cooking oil UCO                              | Cambodia             | [low]        | [low%]     |
| No scheme  | No scheme          | Biodiesel ME          | Used cooking oil UCO                              | Chile                | 1            | [low%]     |
| No scheme  | No scheme          | Biodiesel ME          | Used cooking oil UCO                              | China                | 32           | 1%         |
| No scheme  | No scheme          | Biodiesel ME          | Used cooking oil UCO                              | Colombia             | [low]        | 0%         |
| No scheme  | No scheme          | Biodiesel ME          | Used cooking oil UCO                              | Czech Republic       | [low]        | [low%]     |
| No scheme  | No scheme          | Biodiesel ME          | Used cooking oil UCO                              | Egypt                | [low]        | 0%         |
| No scheme  | No scheme          | Biodiesel ME          | Used cooking oil UCO                              | France               | [low]        | 0%         |
| No scheme  | No scheme          | Biodiesel ME          | Used cooking oil UCO                              | Germany              | 1            | [low%]     |
| No scheme  | No scheme          | Biodiesel ME          | Used cooking oil UCO                              | Hong Kong            | [low]        | [low%]     |
| No scheme  | No scheme          | Biodiesel ME          | Used cooking oil UCO                              | Indonesia            | 1            | [low%]     |
| No scheme  | No scheme          | Biodiesel ME          | Used cooking oil UCO                              | Ireland, Republic of | [low]        | [low%]     |
| No scheme  | No scheme          | Biodiesel ME          | Used cooking oil UCO                              | Israel               | [low]        | 0%         |
| No scheme  | No scheme          | Biodiesel ME          | Used cooking oil UCO                              | Jordan               | [low]        | [low%]     |
| No scheme  | No scheme          | Biodiesel ME          | Used cooking oil UCO                              | Kuwait               | [low]        | [low%]     |
| No scheme  | No scheme          | Biodiesel ME          | Used cooking oil UCO                              | Lebanon              | [low]        | 0%         |
| No scheme  | No scheme          | Biodiesel ME          | Used cooking oil UCO                              | Malaysia             | 10           | [low%]     |
| No scheme  | No scheme          | Biodiesel ME          | Used cooking oil UCO                              | Netherlands          | [low]        | [low%]     |
| No scheme  | No scheme          | Biodiesel ME          | Used cooking oil UCO                              | Norway               | [low]        | 0%         |
| No scheme  | No scheme          | Biodiesel ME          | Used cooking oil UCO                              | Peru                 | [low]        | 0%         |
| No scheme  | No scheme          | Biodiesel ME          | Used cooking oil UCO                              | Philippines          | [low]        | 0%         |

|           |           |                         |   |                      |       |        |
|-----------|-----------|-------------------------|---|----------------------|-------|--------|
| No scheme | No scheme | Biodiesel ME            | Used cooking oil UCO                                | Poland               | 1     | [low%] |
| No scheme | No scheme | Biodiesel ME            | Used cooking oil UCO                                | Republic of Korea    | 1     | [low%] |
| No scheme | No scheme | Biodiesel ME            | Used cooking oil UCO                                | Romania              | [low] | 0%     |
| No scheme | No scheme | Biodiesel ME            | Used cooking oil UCO                                | Saudi Arabia         | [low] | [low%] |
| No scheme | No scheme | Biodiesel ME            | Used cooking oil UCO                                | Singapore            | 1     | [low%] |
| No scheme | No scheme | Biodiesel ME            | Used cooking oil UCO                                | South Africa         | [low] | [low%] |
| No scheme | No scheme | Biodiesel ME            | Used cooking oil UCO                                | Spain                | 2     | [low%] |
| No scheme | No scheme | Biodiesel ME            | Used cooking oil UCO                                | Taiwan               | [low] | 0%     |
| No scheme | No scheme | Biodiesel ME            | Used cooking oil UCO                                | Thailand             | 1     | [low%] |
| No scheme | No scheme | Biodiesel ME            | Used cooking oil UCO                                | Turkey               | [low] | [low%] |
| No scheme | No scheme | Biodiesel ME            | Used cooking oil UCO                                | Ukraine              | 1     | [low%] |
| No scheme | No scheme | Biodiesel ME            | Used cooking oil UCO                                | United Arab Emirates | 2     | [low%] |
| No scheme | No scheme | Biodiesel ME            | Used cooking oil UCO                                | United Kingdom       | 8     | [low%] |
| No scheme | No scheme | Biodiesel ME            | Used cooking oil UCO                                | United States        | [low] | [low%] |
| No scheme | No scheme | Biodiesel ME            | Used cooking oil UCO                                | Vietnam              | 1     | [low%] |
| No scheme | No scheme | Biodiesel ME            | Waste pressings from production of vegetable oils   | Spain                | 1     | [low%] |
| No scheme | No scheme | Bioethanol              | Corn  | United States        | 8     | [low%] |
| No scheme | No scheme | Bioethanol              | Food waste  | Poland               | [low] | [low%] |
| No scheme | No scheme | Bioethanol              | Starch slurry (waste)                               | Austria              | 1     | [low%] |
| No scheme | No scheme | Bioethanol              | Starch slurry (waste)                               | France               | 1     | [low%] |
| No scheme | No scheme | Bioethanol              | Starch slurry (waste)                               | Germany              | [low] | 0%     |
| No scheme | No scheme | Bioethanol              | Sugar cane  | Brazil               | 2     | [low%] |
| No scheme | No scheme | Bioethanol              | Wheat   | Belgium              | [low] | 0%     |
| No scheme | No scheme | Bioethanol              | Wheat   | Czech Republic       | [low] | 0%     |
| No scheme | No scheme | Bioethanol              | Wheat   | France               | [low] | [low%] |
| No scheme | No scheme | Biomethane (compressed) | Brown grease  | Ireland, Republic of | [low] | 0%     |
| No scheme | No scheme | Biomethane (compressed) | Brown grease  | Netherlands          | 1     | [low%] |
| No scheme | No scheme | Biomethane (compressed) | Crude glycerine                                     | Germany              | 1     | [low%] |
| No scheme | No scheme | Biomethane (compressed) | Crude glycerine                                     | Ireland, Republic of | [low] | 0%     |
| No scheme | No scheme | Biomethane (compressed) | Crude glycerine                                     | Netherlands          | [low] | [low%] |
| No scheme | No scheme | Biomethane (compressed) | Crude glycerine                                     | Sweden               | [low] | 0%     |
| No scheme | No scheme | Biomethane (compressed) | Crude glycerine                                     | United Kingdom       | [low] | [low%] |
| No scheme | No scheme | Biomethane (compressed) | Food waste  | Belgium              | 1     | [low%] |
| No scheme | No scheme | Biomethane (compressed) | Food waste  | Denmark              | [low] | 0%     |
| No scheme | No scheme | Biomethane (compressed) | Food waste  | Ireland, Republic of | [low] | 0%     |
| No scheme | No scheme | Biomethane (compressed) | Food waste  | Netherlands          | 1     | [low%] |
| No scheme | No scheme | Biomethane (compressed) | Food waste  | Spain                | [low] | 0%     |
| No scheme | No scheme | Biomethane (compressed) | Food waste  | Sweden               | 1     | [low%] |
| No scheme | No scheme | Biomethane (compressed) | Food waste  | United Kingdom       | 4     | [low%] |
| No scheme | No scheme | Biomethane (compressed) | Nut shells  | Netherlands          | 1     | [low%] |
| No scheme | No scheme | Biomethane (compressed) | Organic municipal solid waste                       | Netherlands          | 1     | [low%] |
| No scheme | No scheme | Biomethane (compressed) | Organic municipal solid waste                       | Spain                | 2     | [low%] |
| No scheme | No scheme | Biomethane (compressed) | Sewage sludge                                       | Netherlands          | 1     | [low%] |
| No scheme | No scheme | Biomethane (compressed) | Sewage sludge                                       | Spain                | [low] | 0%     |
| No scheme | No scheme | Biomethane (compressed) | Sewage sludge                                       | Sweden               | 1     | [low%] |
| No scheme | No scheme | Biomethane (compressed) | Straw   | Denmark              | [low] | [low%] |
| No scheme | No scheme | Biomethane (compressed) | Sugar beet tops, tails, chips & process water       | Sweden               | [low] | 0%     |
| No scheme | No scheme | Biomethane (compressed) | Waste slurry from the distillation of grain mixture | United Kingdom       | [low] | 0%     |
| No scheme | No scheme | Biomethane (compressed) | Wet manure  | Ireland, Republic of | [low] | [low%] |
| No scheme | No scheme | Biomethane (compressed) | Wet manure  | Netherlands          | [low] | 0%     |
| No scheme | No scheme | Biomethane (compressed) | Wet manure  | United Kingdom       | 1     | [low%] |
| No scheme | No scheme | Biomethane (compressed) | Whole crop rye                                      | United Kingdom       | [low] | 0%     |
| No scheme | No scheme | Biomethane (liquified)  | Brown grease  | Ireland, Republic of | [low] | 0%     |

|                        |                    |                        |  |                      |            |           |
|------------------------|--------------------|------------------------|--|----------------------|------------|-----------|
| No scheme              | No scheme          | Biomethane (liquified) | Crude glycerine                              | Ireland, Republic of | [low]      | 0%        |
| No scheme              | No scheme          | Biomethane (liquified) | Draff  | Ireland, Republic of | [low]      | 0%        |
| No scheme              | No scheme          | Biomethane (liquified) | Food waste                                   | United Kingdom       | 5          | [low%]    |
| No scheme              | No scheme          | Biomethane (liquified) | Organic municipal solid waste                | Ireland, Republic of | [low]      | 0%        |
| No scheme              | No scheme          | Biomethane (liquified) | Wet manure                                   | Ireland, Republic of | [low]      | [low%]    |
| No scheme              | No scheme          | Biomethane (liquified) | Wet manure                                   | United Kingdom       | [low]      | 0%        |
| No scheme              | No scheme          | Development diesel     | End of life tyres (renewable component)      | Poland               | [low]      | [low%]    |
| No scheme              | No scheme          | Development petrol     | End of life tyres (renewable component)      | Poland               | [low]      | [low%]    |
| No scheme              | No scheme          | HVO                    | Used cooking oil UCO                         | China                | 7          | [low%]    |
| No scheme              | No scheme          | Hydrogen               | Solar power                                  | United Kingdom       | [low]      | 0%        |
| No scheme              | No scheme          | Off road biodiesel     | Crude glycerine                              | United Kingdom       | [low]      | [low%]    |
| No scheme              | No scheme          | Off road biodiesel     | Used cooking oil UCO                         | Singapore            | [low]      | [low%]    |
| No scheme              | No scheme          | Pure bio oil           | Salmon oil - cat 1&2                         | Norway               | 1          | [low%]    |
| <b>No scheme Total</b> | <b>All schemes</b> | <b>All fuel types</b>  | <b>All feedstocks</b>                        | <b>All countries</b> | <b>145</b> | <b>4%</b> |
| REDcert EU             | No scheme          | Biobutane              | Food waste                                   | Poland               | [low]      | [low%]    |
| REDcert EU             | No scheme          | Biobutane              | Food waste                                   | Ukraine              | [low]      | 0%        |
| REDcert EU             | No scheme          | Biodiesel ME           | Oilseed rape                                 | Denmark              | 3          | [low%]    |
| REDcert EU             | No scheme          | Biodiesel ME           | Oilseed rape                                 | Germany              | 2          | [low%]    |
| REDcert EU             | No scheme          | Biodiesel ME           | Oilseed rape                                 | Lithuania            | 2          | [low%]    |
| REDcert EU             | No scheme          | Biodiesel ME           | Oilseed rape                                 | Poland               | 1          | [low%]    |
| REDcert EU             | No scheme          | Biodiesel ME           | Oilseed rape                                 | Ukraine              | 1          | [low%]    |
| REDcert EU             | No scheme          | Biodiesel ME           | Palm oil mill effluent                       | Malaysia             | 6          | [low%]    |
| REDcert EU             | No scheme          | Biodiesel ME           | Sewage sludge                                | China                | [low]      | 0%        |
| REDcert EU             | No scheme          | Biodiesel ME           | Sewage sludge                                | Indonesia            | 4          | [low%]    |
| REDcert EU             | No scheme          | Biodiesel ME           | Sewage sludge                                | Malaysia             | [low]      | 0%        |
| REDcert EU             | No scheme          | Biodiesel ME           | Soapstock acid oil contaminated with sulphur | Italy                | [low]      | 0%        |
| REDcert EU             | No scheme          | Biodiesel ME           | Soapstock acid oil contaminated with sulphur | Netherlands          | [low]      | [low%]    |
| REDcert EU             | No scheme          | Biodiesel ME           | Soapstock acid oil contaminated with sulphur | Turkey               | [low]      | 0%        |
| REDcert EU             | No scheme          | Biodiesel ME           | Soy  | Argentina            | 1          | [low%]    |
| REDcert EU             | No scheme          | Biodiesel ME           | Spent bleaching earth                        | China                | [low]      | [low%]    |
| REDcert EU             | No scheme          | Biodiesel ME           | Spent bleaching earth                        | Malaysia             | [low]      | [low%]    |
| REDcert EU             | No scheme          | Biodiesel ME           | Used cooking oil UCO                         | Argentina            | 1          | [low%]    |
| REDcert EU             | No scheme          | Biodiesel ME           | Used cooking oil UCO                         | Australia            | [low]      | [low%]    |
| REDcert EU             | No scheme          | Biodiesel ME           | Used cooking oil UCO                         | Bahrain              | [low]      | 0%        |
| REDcert EU             | No scheme          | Biodiesel ME           | Used cooking oil UCO                         | Bangladesh           | [low]      | 0%        |
| REDcert EU             | No scheme          | Biodiesel ME           | Used cooking oil UCO                         | Belgium              | [low]      | [low%]    |
| REDcert EU             | No scheme          | Biodiesel ME           | Used cooking oil UCO                         | Bulgaria             | 1          | [low%]    |
| REDcert EU             | No scheme          | Biodiesel ME           | Used cooking oil UCO                         | Chile                | [low]      | [low%]    |
| REDcert EU             | No scheme          | Biodiesel ME           | Used cooking oil UCO                         | China                | 34         | 1%        |
| REDcert EU             | No scheme          | Biodiesel ME           | Used cooking oil UCO                         | Colombia             | [low]      | 0%        |
| REDcert EU             | No scheme          | Biodiesel ME           | Used cooking oil UCO                         | Denmark              | [low]      | 0%        |
| REDcert EU             | No scheme          | Biodiesel ME           | Used cooking oil UCO                         | Egypt                | 1          | [low%]    |
| REDcert EU             | No scheme          | Biodiesel ME           | Used cooking oil UCO                         | France               | [low]      | [low%]    |
| REDcert EU             | No scheme          | Biodiesel ME           | Used cooking oil UCO                         | Germany              | 1          | [low%]    |
| REDcert EU             | No scheme          | Biodiesel ME           | Used cooking oil UCO                         | Greece               | [low]      | [low%]    |
| REDcert EU             | No scheme          | Biodiesel ME           | Used cooking oil UCO                         | Guatemala            | [low]      | 0%        |
| REDcert EU             | No scheme          | Biodiesel ME           | Used cooking oil UCO                         | Indonesia            | 1          | [low%]    |
| REDcert EU             | No scheme          | Biodiesel ME           | Used cooking oil UCO                         | Iraq                 | [low]      | 0%        |
| REDcert EU             | No scheme          | Biodiesel ME           | Used cooking oil UCO                         | Israel               | [low]      | [low%]    |
| REDcert EU             | No scheme          | Biodiesel ME           | Used cooking oil UCO                         | Jordan               | [low]      | 0%        |
| REDcert EU             | No scheme          | Biodiesel ME           | Used cooking oil UCO                         | Kazakhstan           | [low]      | 0%        |
| REDcert EU             | No scheme          | Biodiesel ME           | Used cooking oil UCO                         | Kuwait               | [low]      | [low%]    |

|                         |                                |                                   |                                   |                                  |              |             |
|-------------------------|--------------------------------|-----------------------------------|-----------------------------------|----------------------------------|--------------|-------------|
| REDcert EU              | No scheme                      | Biodiesel ME                      | Used cooking oil UCO              | Malaysia                         | 3            | [low%]      |
| REDcert EU              | No scheme                      | Biodiesel ME                      | Used cooking oil UCO              | Netherlands                      | [low]        | [low%]      |
| REDcert EU              | No scheme                      | Biodiesel ME                      | Used cooking oil UCO              | Norway                           | [low]        | 0%          |
| REDcert EU              | No scheme                      | Biodiesel ME                      | Used cooking oil UCO              | Pakistan                         | [low]        | 0%          |
| REDcert EU              | No scheme                      | Biodiesel ME                      | Used cooking oil UCO              | Peru                             | [low]        | [low%]      |
| REDcert EU              | No scheme                      | Biodiesel ME                      | Used cooking oil UCO              | Philippines                      | [low]        | 0%          |
| REDcert EU              | No scheme                      | Biodiesel ME                      | Used cooking oil UCO              | Poland                           | 5            | [low%]      |
| REDcert EU              | No scheme                      | Biodiesel ME                      | Used cooking oil UCO              | Qatar                            | [low]        | 0%          |
| REDcert EU              | No scheme                      | Biodiesel ME                      | Used cooking oil UCO              | Republic of Korea                | [low]        | 0%          |
| REDcert EU              | No scheme                      | Biodiesel ME                      | Used cooking oil UCO              | Saudi Arabia                     | 1            | [low%]      |
| REDcert EU              | No scheme                      | Biodiesel ME                      | Used cooking oil UCO              | Singapore                        | [low]        | 0%          |
| REDcert EU              | No scheme                      | Biodiesel ME                      | Used cooking oil UCO              | Slovakia                         | [low]        | 0%          |
| REDcert EU              | No scheme                      | Biodiesel ME                      | Used cooking oil UCO              | Slovenia                         | [low]        | 0%          |
| REDcert EU              | No scheme                      | Biodiesel ME                      | Used cooking oil UCO              | South Africa                     | [low]        | [low%]      |
| REDcert EU              | No scheme                      | Biodiesel ME                      | Used cooking oil UCO              | Spain                            | [low]        | 0%          |
| REDcert EU              | No scheme                      | Biodiesel ME                      | Used cooking oil UCO              | Thailand                         | 4            | [low%]      |
| REDcert EU              | No scheme                      | Biodiesel ME                      | Used cooking oil UCO              | Turkey                           | [low]        | 0%          |
| REDcert EU              | No scheme                      | Biodiesel ME                      | Used cooking oil UCO              | Ukraine                          | 1            | [low%]      |
| REDcert EU              | No scheme                      | Biodiesel ME                      | Used cooking oil UCO              | United Arab Emirates             | [low]        | 0%          |
| REDcert EU              | No scheme                      | Biodiesel ME                      | Used cooking oil UCO              | United Kingdom                   | 2            | [low%]      |
| REDcert EU              | No scheme                      | Biodiesel ME                      | Used cooking oil UCO              | United States                    | [low]        | 0%          |
| REDcert EU              | No scheme                      | Biodiesel ME                      | Used cooking oil UCO              | Vietnam                          | 1            | [low%]      |
| REDcert EU              | No scheme                      | Bioethanol                        | Corn                              | Spain                            | 1            | [low%]      |
| REDcert EU              | No scheme                      | Bioethanol                        | Corn                              | Ukraine                          | 1            | [low%]      |
| REDcert EU              | No scheme                      | Bioethanol                        | Sugar cane                        | Brazil                           | 4            | [low%]      |
| REDcert EU              | No scheme                      | Biomethane (compressed)           | Wet manure                        | United Kingdom                   | [low]        | 0%          |
| REDcert EU              | No scheme                      | Biomethane (liquified)            | Food waste                        | Sweden                           | 2            | [low%]      |
| REDcert EU              | No scheme                      | Biopropane                        | Food waste                        | Poland                           | [low]        | [low%]      |
| REDcert EU              | No scheme                      | Biopropane                        | Food waste                        | Ukraine                          | [low]        | 0%          |
| REDcert EU              | No scheme                      | HVO                               | Used cooking oil UCO              | China                            | [low]        | [low%]      |
| REDcert EU              | No scheme                      | HVO                               | Used cooking oil UCO              | Indonesia                        | [low]        | [low%]      |
| REDcert EU              | No scheme                      | HVO                               | Used cooking oil UCO              | Ireland, Republic of             | [low]        | 0%          |
| REDcert EU              | No scheme                      | HVO                               | Used cooking oil UCO              | Italy                            | [low]        | 0%          |
| REDcert EU              | No scheme                      | HVO                               | Used cooking oil UCO              | Malaysia                         | [low]        | [low%]      |
| <b>REDcert EU Total</b> | <b>All schemes</b>             | <b>All fuel types</b>             | <b>All feedstocks</b>             | <b>All countries</b>             | <b>90</b>    | <b>3%</b>   |
| <b>Grand Total</b>      | <b>All schemes grand total</b> | <b>All fuel types grand total</b> | <b>All feedstocks grand total</b> | <b>All countries grand total</b> | <b>3,557</b> | <b>100%</b> |