

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

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Table of contents

This file contains 7 tables.

Worksheet name

[Notes](#)

[RF_0101](#)

[RF_0102](#)

[RF_0103](#)

[RF_0104](#)

[RF_0105a](#)

[RF_0106](#)

Worksheet title

A table of notes and caveats used in the tables

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

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

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

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

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

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

Notes

[Back to contents](#)

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 ₂ /MJ) for fossil fuels, to reflect a better estimate being available. Reports prior to 2022 used a comparator of 83.8 gCO ₂ /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.

[Back to contents](#)

[See notes](#)

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]	[low]	[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).

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[Back to contents](#)

[See notes](#)

Measure	RTFC Category [Note 7]	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	Of which were from Notes double counting feedstocks
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.

[Back to contents](#)

[See notes](#)

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

Status	GHG saving category / RTFC category [Note 7]	2020	2021	2022	2023 Notes (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]
Issued	Total Issued	4,476	4,600	5,499	6,160 [x]
Revoked	Development Fuel	0	0	0	0 [Note 8]
Revoked	General	3	98	[low]	73 [x]
Revoked	Relevant Crop	2	0	[low]	1 [x]
Revoked	Total Revoked	5	98	[low]	74 [x]
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]
Redeemed	Total Redeemed	4,472	4,502	5,474	0 [x]
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.

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[Back to contents](#)

[See notes](#)

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
2022	All quarters	All account types	0	6,316	1,373	7,689
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
2023	Q60 - Jan23 to Apr23	All account types	0	35	[low]	35
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
2023	Q61 - Apr23 to Jul23	All account types	0	864	180	1,044
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
2023	Q62 - Jul23 to Oct23	All account types	0	1,532	174	1,706
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
2023	Q63 - Oct23 to Dec23	All account types	0	2,357	200	2,557
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
2023	Q64 - Jan24 to Apr24	All account types	11	3,266	1,193	4,471
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
2023	Q65 - Apr24 to Jul24	All account types	14	1,789	234	2,038
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
2023	Q66 - Jul24 to Oct24	All account types	[low]	187	56	244
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)

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[Back to contents](#)

[See notes](#)

Fuel type	Feedstock	Country of origin	RTFC Category [Note 7][Note 8]	Double counted feedstock?	Volume (million litres eq.) [Note 2]	Volume (% of fuel)	ILUC factor (gCO _{2e} /MJ)	Carbon intensity excl. ILUC (gCO _{2e} /MJ)	Carbon intensity incl. ILUC (gCO _{2e} /MJ)	GHG savings % excl. ILUC (%) [Note 9]	GHG savings % incl. ILUC (%) [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%
Avtur (renewable) Total	All feedstocks	All countries	All certificates	All counting types	97	3%	0	11	11	89%	89%
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%
Biobutane Total	All feedstocks	All countries	All certificates	All counting types	[low]	[low%]	0	17	17	81%	81%

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%
Biodiesel ME Total	All feedstocks	All countries	All certificates	All counting types	1,412	40%	5	14	19	85%	80%
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%
Bioethanol Total	All feedstocks	All countries	All certificates	All counting types	1,406	40%	8	24	31	75%	67%
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%
Biomethane (compressed) Total	All feedstocks	All countries	All certificates	All counting types	87	2%	0	14	14	86%	86%
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%
Biomethane (liquified) Total	All feedstocks	All countries	All certificates	All counting types	39	1%	0	14	14	85%	85%

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%
Biopropane Total	All feedstocks	All countries	All certificates	All counting types	13	[low%]	15	10	25	89%	73%
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%
Development diesel Total	All feedstocks	All countries	All certificates	All counting types	42	1%	0	24	24	75%	75%
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%
Development petrol Total	All feedstocks	All countries	All certificates	All counting types	11	[low%]	0	24	24	74%	74%
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%
HVO Total	All feedstocks	All countries	All certificates	All counting types	370	10%	0	16	16	83%	83%
Hydrogen	Solar power	United Kingdom	Development Fuel	Yes	[low]	0%	0	0	0	100%	100%
Hydrogen Total	All feedstocks	All countries	All certificates	All counting types	[low]	0%	0	0	0	100%	100%
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%
Methanol (bio) Total	All feedstocks	All countries	All certificates	All counting types	39	1%	0	37	37	60%	60%
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%.

[Back to contents](#)

[See notes](#)

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%

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)	Crude glycerine	United Kingdom	1	[low%]
International Sustainability and Carbon Certification. ISCC	No scheme	Biomethane (compressed)	Druff	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%
International Sustainability and Carbon Certification. ISCC Total	All schemes	All fuel types	All feedstocks	All countries	3,278	92%
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%]
No scheme Total	All schemes	All fuel types	All feedstocks	All countries	145	4%
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%]
REDcert EU Total	All schemes	All fuel types	All feedstocks	All countries	90	3%
Grand Total	All schemes grand total	All fuel types grand total	All feedstocks grand total	All countries grand total	3,557	100%