

Circular Economy Development Plan for the 14th Five-Year Plan

Developing a circular economy is a major strategy for my country's economic and social development.

During this period, my country entered a new stage of development and embarked on a new journey of comprehensively building a modern socialist country.

Vigorously develop the circular economy, promote resource conservation and intensive utilization, and build a resource recycling

The circular industrial system and waste material recycling system are of great significance to the protection of national resource security.

It is of great significance to promote the realization of carbon peak and carbon neutrality and promote the construction of ecological civilization.

Thoroughly implement the spirit of the Fifth Plenary Session of the 19th CPC Central Committee and implement the Law on Promoting Circular Economy

In order to further promote the development of circular economy, this plan was formulated.

I. Development Basis and Current Situation

(1) The achievements of circular economy development during the 13th Five-Year Plan period. Since the 13th Five-Year Plan, my country

The development of circular economy has achieved positive results. 2020 Annual output rate of major resources: Compare 2015 Year

Increased by about 26%, unit GDP (GDP) Energy consumption continues to decline significantly

Descending, unit GDP Cumulative reduction in water consumption 28%. 2020 Comprehensive Utilization of Crop Straw

Rate 86% The comprehensive utilization rate of bulk solid waste has reached 56%. Ability to utilize renewable resources

Significantly enhanced, 2020 The annual comprehensive utilization rate of construction waste reached 50%; The amount of waste paper used is about

549010,000 tons; the amount of scrap steel used is about 2.6100 million tons, replacing 62% Grade iron ore concentrate approx. 4.1100 million

tons; output of recycled non-ferrous metals 145010,000 tons, accounting for 10% of the total output of the ten nonferrous metals in China.

23.5%, of which the output of recycled copper, recycled aluminum and recycled lead are 32510,000 tons, 740

1. Output rate of major resources (yuan/ton) = GDP (100 million yuan, constant price) ÷ Physical consumption of major resources (100 million tons). Major resources include: fossil energy (coal, oil, natural gas), steel resources, non-ferrous metal resources (copper, aluminum, lead, zinc, nickel), non-metallic resources (limestone, phosphorus, sulfur), and biomass resources (timber, grain).

10,000 tons,240Resource recycling has become an important way to ensure my country's resource security.

path.

(2) The situation faced during the 14th Five-Year Plan period.From an international perspective, on the one hand, green, low-carbon and circular economy

Environmental development has become a global consensus, and major economies in the world generally regard the development of circular economy as a priority.

The basic path to breaking resource and environmental constraints, responding to climate change, and cultivating new economic growth points

Developed countries and regions such as the United States, the European Union, and Japan have systematically deployed a new round of recycling

Economic action plan to accelerate the development of circular economy and respond to new challenges of global resources and environment

On the other hand, the world structure has undergone profound adjustments, unilateralism and protectionism have risen, and

In addition, the global COVID-19 pandemic has severely impacted the global industrial chain, value chain and supply chain.

Severe economic factors have impacted the international supply of resources, and the uncertainty and instability have increased.

This poses a major challenge to my country's resource security.

From a domestic perspective, during the 14th Five-Year Plan period, my country will focus on building a domestic large-scale circulation-based

The new development pattern of mutual promotion of domestic and international dual circulation will release the potential of domestic demand and expand

Increase residents' consumption, improve consumption level, build a super-large domestic market, and resource

The demand for natural resources will continue to grow rigidly. At the same time, some of my country's major resources are highly dependent on foreign countries.

The contradiction between demand and resource is prominent, the overall efficiency of resource and energy utilization is still low, and large-scale production and

The production and lifestyle of high-consumption and high-emission has not been fundamentally reversed, and resource security is facing difficulties.

Facing greater pressure. Developing a circular economy, improving resource utilization efficiency and recycling resources

The demand for level is very urgent and there is huge space.

At present, the development of circular economy in my country still faces the problem of low resource output efficiency in key industries.

The level of standardization of recycling and utilization of renewable resources is low, and there is a lack of land guarantee for recycling facilities.

Low-value recyclables are difficult to recycle, and large amounts of solid waste are generated with high intensity and insufficient utilization.

Comprehensive utilization of products with low added value and other prominent problems. GDP Energy consumption, use

The amount of water is still significantly higher than the world average, and the recycling of bulk metals such as copper, aluminum, and lead

The focus is still on low-end resource recovery. New waste products such as power batteries and photovoltaic modules

The amount of raw materials has increased significantly, and recycling and disassembly are more difficult.

The depth is insufficient, and the quality and cost of recycling cannot meet the key requirements of strategic emerging industries.

Material requirements, there is an urgent need to improve high-quality recycling capabilities.

Whether from the perspective of global green development trends and climate change response requirements, or from the perspective of national

From the perspective of domestic resource demand and utilization level, my country must vigorously develop circular economy and focus on

Resolve prominent contradictions and problems, achieve efficient and circular use of resources, and promote economic

High-quality social development.

II. Overall requirements

(1) Overall approach Xi Jinping Thought on Socialism with Chinese Characteristics for a New Era

Guide, thoroughly implement the 19th CPC National Congress and the Second, Third, Fourth and Fifth Plenary Sessions of the 19th CPC Central Committee

In accordance with the spirit of the meeting, the decisions and arrangements of the CPC Central Committee and the State Council, based on the new development stage,

New development concepts, building a new development pattern, adhering to the basic principles of saving resources and protecting the environment

National policy, follow the principle of "reduction, reuse, and resource utilization", and strive to build a resource recycling

industrial system, accelerate the construction of a waste material recycling system, and deepen the agricultural circular economy

development, comprehensively improve resource utilization efficiency, enhance the level of renewable resource utilization, and establish a healthy

A fully green, low-carbon, circular economic system provides resources for sustainable economic and social development

Assure.

(2) Working principles

— — Insist on highlighting the key points. Focus on reuse and resource utilization to improve key areas

The level of resource recycling and utilization in key areas and key varieties will be greatly improved.

Improve resource utilization efficiency and strengthen resource guarantee capabilities for economic and social development.

—— Be problem-oriented. Focus on solving the prominent problems that hinder the development of circular economy

Improve the legal, regulatory, policy and standard system, strengthen scientific and technological support capabilities, and supplement resources

We will address shortcomings in recycling and utilization facilities and effectively improve the level of circular economy development.

—— Adhere to market dominance. Establish a long-term mechanism combining incentives and constraints to

Give full play to the decisive role of the market in allocating resources and fully stimulate market players to participate in the circular economy

enthusiasm and enhance the endogenous driving force for the development of circular economy.

—— Adhere to innovation-driven development. Vigorously promote innovation and development, strengthen scientific and technological innovation,

system innovation and model innovation, increase innovation investment, optimize the innovation environment, and improve the innovation system.

system, and strengthen the leading role of innovation in the circular economy.

(3) Main objectives arrive 2025 In 2017, the circular production mode was fully implemented, and green

Green design and clean production are widely promoted, and the comprehensive utilization capacity of resources is significantly improved.

The recycling industry system has been basically established. The waste material recycling network is more complete, and the recycled materials

The resource recycling capacity is further improved, and the resource recycling system covering the whole society is basically

The resource utilization efficiency has been greatly improved, and the replacement ratio of renewable resources to primary resources has increased significantly.

The supporting role of circular economy in resource security is further highlighted.

Obvious.

arrive 2025 In 2016, the output rate of major resources was 2020 Annual increase of about 20%, unit

GDP Energy consumption and water consumption ratio 2020 The annual reduction 13.5%、16% Left and right, farmers

The comprehensive utilization rate of crop straw remains at 86% The comprehensive utilization rate of bulk solid waste has reached

60%, the comprehensive utilization rate of construction waste has reached 60%, the amount of waste paper utilization reached 6000 Ten thousand

tons, and the utilization of scrap steel reached 3.21 billion tons, and the output of recycled nonferrous metals reached 2000 ten thousand tons, of which the output of recycled copper, recycled aluminum and recycled lead reached 400 ten thousand tons, 1150 ten thousand tons, 290 ten thousand tons, and the output value of resource recycling industry reached 5 trillion yuan.

III. Key Tasks

(1) Build a resource-circulating industrial system and improve resource utilization efficiency.

1. Promote green design of key products. Improve the product green design policy mechanism and guide

Enterprises use non-toxic, harmless, low-toxic, low-hazard, low (no) volatile organic compounds in the production process.

Organic matter (VOCs) content and other environmentally friendly raw materials. Promote easy disassembly, easy classification, easy

Recyclable product design solutions to increase the proportion of recycled raw materials used.

and packaging and printing reduction. Accelerate the improvement of technical specifications for green design evaluation of key products,

Encourage industry associations to publish product green design guidelines and promote green design cases.

2. Strengthen clean production in key industries. Implement in accordance with the law in the "double-overload, double-hazard and high-energy-consuming" industries

Mandatory clean production audits will guide other industries to conduct audits voluntarily.

Standardize the clean production audit behavior and improve the quality of clean production audit.

"One line" for key industries such as coal, coking, cement, nonferrous metals, electroplating, printing and dyeing, packaging and printing

"One policy" to formulate a clean production transformation and upgrading plan. Accelerate the innovation and achievement of clean production technology

Transformation and standard system construction, establish and improve differentiated reward and punishment mechanisms, explore and carry out regional

Pilot demonstration work on overall audit of cleaner production in regions, industrial parks and industries.

3. Promote the circular development of the park. Promote circular production in enterprises and circular organization in industries

to promote the comprehensive utilization of waste, cascade utilization of energy, recycling of water resources, and

Resource utilization of industrial waste pressure, waste heat, waste water, waste gas and waste liquid to achieve green and low-carbon circulation

Development, actively promote centralized gas and heating supply. Encourage the park to promote the construction of green factories, implement

The current factory buildings are centralized, raw materials are harmless, production is clean, waste is recycled, and energy is low.

Carbonization and green building materials. Formulate circular development guidelines for industrial parks and promote the

Examples of circular economic development in key industries such as nonferrous metals, metallurgy, petrochemicals, equipment manufacturing, and light industry

Encourage the creation of national ecological industrial demonstration parks.

4.Strengthen comprehensive utilization of resources.Strengthen the treatment of low-grade ores, associated ores, and refractory ores

Comprehensive utilization of ores, tailings, etc., and promote efficient extraction and utilization of valuable components.

Large solids such as fly ash, coal gangue, metallurgical slag, industrial by-product gypsum, construction waste, etc.

Comprehensive utilization channels for waste, expand the application in ecological restoration, green mining, green building materials, transportation

Strengthen the utilization of red mud, phosphogypsum, electrolytic manganese slag, steel slag, etc.

Research and development of technologies for large-scale utilization of complex and difficult-to-use industrial solid waste. Promote the use of mine water for mining area remediation.

Replenish water sources and surrounding areas for production and ecological use. Strengthen the dredging of soil and sand in waterways.

Suitable for use.

5.Promote the coordinated disposal of urban waste.Improve policy mechanisms and standards to promote

Collaborative disposal facilities are managed in accordance with urban environmental infrastructure to ensure the continuous and stable operation of the facilities.

Determine payment standards for coordinated disposal of urban waste through market-oriented means and promote

Enter cement kilns and smelting kilns to collaboratively dispose of medical waste, hazardous waste, and domestic waste

etc., and comprehensively promote the coordinated emergency disposal of medical waste by using domestic waste incinerators.

Comprehensive and coordinated treatment of low-value organic waste such as garbage, garden waste, sewage sludge, etc.

Place.

(2) Establish a system for the recycling of waste materials and build a resource-recycling society.

1.Improve the waste material recycling network.Incorporate waste material recycling facilities into the national

Overall spatial planning, ensuring land use needs, rational layout, and standardized construction of recycling networks

System, coordinate and promote the "two-network integration" of waste material recycling outlets and domestic waste classification outlets.

Relax restrictions on waste recycling vehicles entering cities and residential areas and standardize management to ensure reasonable

Actively promote the "Internet + recycling" model to achieve online and offline collaboration and improve scale

Standardize the ability of recycling enterprises to integrate individual operators and further improve the residents' waste disposal

Standardize the business order of waste material recycling industry and improve the industry

Improve the overall image and management level of the rural recycling network according to local conditions and promote urban recycling.

The integrated development of the waste material recycling and treatment system in the township. Support the supply and marketing cooperative system to rely on

Sales service network, and recycling of waste materials.

2.Improve the level of processing and utilization of recycled resources.Promote the scale and standardization of renewable resources

Utilize renewable resources in a clean and sustainable manner, promote the development of renewable resource industries, and build a modern

"Urban Mineral" base. Implement the waste steel, waste nonferrous metals, waste plastics, waste paper,

Industry standards for recycling of renewable resources such as old tires, used mobile phones, and used power batteries

Management, improve the level of industry standardization, and promote the concentration of resources to advantageous enterprises.

Dismantling of discarded electrical and electronic products, scrapped motor vehicles, scrapped ships, waste lead-acid batteries, etc.

Use standardized enterprise management and environmental supervision to strengthen the rectification of illegal and non-compliant enterprises,

Create a fair market competition environment. Accelerate the establishment of a system to promote the use of recycled raw materials and expand

Develop the application channels of recycled raw materials market and strengthen the supply of recycled resources to strategic mineral resources.

Provide guarantee capabilities.

3.Standardize the development of the second-hand goods market.Improve the regulations on the circulation of second-hand goods and establish a complete

Standards for the identification, evaluation, and grading of second-hand goods such as vehicles, home appliances, and mobile phones, and regulations for the second

Encourage the development of the "Internet + second-hand" model and strengthen

Internet trading platforms should take management responsibilities, strengthen the supervision of trading behaviors, and provide a platform for second-hand goods transactions.

Provide standardized and regular services and encourage platform companies to introduce third-party second-hand goods specialists

Promote the development of offline second-hand market

Standardize construction and operation, and encourage the construction of centralized and standardized "flea markets".

Set up old book sharing corners and sharing days to promote the exchange of old books among teachers and students.

The district regularly organizes second-hand goods trading activities to promote the exchange of idle items of residents in the area.

Easy and circulated.

4.Promote the high-quality development of the remanufacturing industry.Improve automobile parts, construction machinery,

The remanufacturing level of machine tools, office equipment, etc., promotes the development of shield machines, aircraft engines, industrial

Development of remanufacturing industry in emerging fields such as robots, promotion of application of non-destructive testing, additive manufacturing

Cultivate specialized remanufacturing and recycling of used parts

Support the establishment of a remanufactured product trading platform. Encourage enterprises to

Promote the use of remanufactured products in the system and fulfill the obligation to inform.

Combined with digital transformation, we provide customized remanufacturing services for large electromechanical equipment.

Under the premise of information sharing among departments and controllable risks, support the exploration and development of

Bonded maintenance and remanufacturing and re-export business of aviation, CNC machine tools, communication equipment, etc.

Strengthen the assessment and promotion of remanufactured products.

(3) Deepen the development of agricultural circular economy and establish a circular agricultural production mode.

1.Strengthen the resource utilization of agricultural and forestry waste.Promote the use of crop straw, livestock and poultry manure,

Efficient utilization of forestry waste, agricultural product processing by-products and other agricultural and forestry wastes.

Comprehensive utilization of crop straw, giving priority to agricultural use, increasing the intensity of returning straw to fields, and giving full play to the

To protect the land, encourage the industrial use of straw, develop new materials and products,

High added value of straw feed, fuel, raw materials, etc. Strengthen the construction of livestock and poultry manure treatment facilities

We encourage the combination of planting and breeding, and promote the return of agricultural organic fertilizers to the fields.

It is advisable to encourage the use of small firewood, forestry residues (logging residues, timber residues,

Processing residues) for composite board production, edible fungus cultivation and energy utilization,

Promote the resource utilization of agricultural product processing by-products.

2.Strengthen the recycling and utilization of waste agricultural materials.Guide large-scale planting households, farmers' cooperatives,

Family farms, agricultural material companies, waste material recycling companies and other relevant responsible entities

Support the construction of recycling facilities in towns and villages, improve the recycling of agricultural films and fertilizers

Recycling of waste agricultural materials such as pesticide packaging, irrigation equipment, agricultural machinery, and fishing nets

Build regional centralized disposal and utilization facilities for waste agricultural materials, improve scale,

Level of resource utilization.

3.Promote a circular agricultural development model.Promote the integration of planting and breeding, agriculture and animal husbandry, and breeding

Organically combine farm construction with farmland construction, promote livestock, poultry, fish, grain, vegetables, fruit, and tea cooperatives

Create a number of ecological farms and ecological circular agricultural industry consortiums, explore

Explore sustainable operation mechanisms. Promote the development and utilization of rural biomass energy and give full play to the role of clean energy

Supply and rural ecological environment governance comprehensive benefits. Build a forestry circular economy industry chain,

Promote the three-dimensional development model of forests, forests and forests. Promote planting, breeding, agriculture

Product processing, biomass energy, tourism and health care, and other circular links to encourage the integration of primary, secondary and tertiary industries

develop.

IV. Key Projects and Actions

(1) Construction project of urban waste material recycling system.By municipality, province

Focus on meeting cities, independently planned cities and cities with large populations, and select60cities

Carry out the construction of waste material recycling system. Coordinate the layout of urban waste material recycling and exchange

Construction of delivery points, transfer stations, and sorting centers. In communities, supermarkets, schools, and offices

Set up recycling points and promote intelligent recycling terminals. Rationally arrange transfer stations and build

Comprehensive and professional sorting with complete functions, complete facilities and compliance with safety and environmental protection requirements

Center. Overall planning and construction of renewable resource processing and utilization base, promote the

Non-ferrous metals, scrapped motor vehicles, retired photovoltaic modules and wind turbine blades, waste household appliances

Electricity, waste batteries, waste tires, waste wood products, waste textiles, waste plastics,

Classification and centralized disposal of waste paper, waste glass, kitchen waste and other urban waste have attracted

Guide the clustering and development of renewable resource processing and utilization projects. Encourage the Beijing-Tianjin-Hebei region, Yangtze River Delta, and Pearl River Delta to

Regional renewable resource processing and utilization bases will be built in key urban agglomerations such as Jiaojiao, Chengdu-Chongqing, etc.

(2) Park circular development project. Formulate a clean list of circular development parks in each region

According to the principle of “one park, one policy”, circular transformation plans are formulated one by one.

Implement clean production transformation. Actively utilize waste heat and waste pressure resources, promote cogeneration, separation

Application of distributed energy and photovoltaic energy storage integrated system to promote energy cascade utilization.

The park's sewage centralized collection, treatment and reuse facilities will strengthen sewage treatment and recycling

Strengthen the industrial cycle link in the park and promote the comprehensive utilization of waste resources in enterprises.

The park's public information service platform will strengthen the park's material flow management.

The above parks' circular transformation will be implemented before the end of the year.

(3) Demonstration project for comprehensive utilization of bulk solid waste. Focus on fly ash, coal gangue,

Metallurgical slag, industrial by-product gypsum, tailings, associated minerals, crop straw, forestry

Promote advanced technologies and equipment for comprehensive utilization of bulk solid waste, and implement

Key projects with demonstration effects, vigorously promote the use of comprehensive resource utilization products, build

set up 50A large-scale solid waste comprehensive utilization base and 50An industrial resource comprehensive utilization base.

(4) Demonstration projects for resource utilization of construction waste.

Promote the reduction of construction waste at the source and establish a construction waste classification system

Management system to regulate the construction and operation of sites for the storage, transfer and resource utilization of construction waste.

Improve construction waste recycling policies and recycled product certification standards system,

Promote the use of construction waste, construction mud, demolition waste, construction waste, decoration waste and other resources

Cultivate resource utilization of construction waste and increase the market scale of recycled products.

Utilize key enterprises in the industry to accelerate the resource utilization of construction waste using new technologies, new processes,

Development, application and integration of new equipment.

(5) Key technology and equipment innovation project for circular economy.

Key projects on key economic technologies and equipment. Focusing on typical product ecological design, key industries

Clean production, comprehensive utilization of bulk solid waste, high-quality recycling of renewable resources, and recycling of high-end equipment

In the fields of manufacturing, breakthroughs have been made in a number of key common technologies and major equipment for green recycling;

Tianjin, Hebei, Yangtze River Delta, Pearl River Delta and other regions will carry out the integration of circular economy green technology systems

Demonstrate and promote the formation of an integrated technology transformation model involving government, industry, academia, research and application.

(6) Action plan for high-quality development of the remanufacturing industry.

Digital transformation, vigorously promote industrial equipment remanufacturing, expand machine tools, industrial motors,

Industrial robot remanufacturing application scope. Support tunnel boring, coal mining, oil drilling

Remanufactured products and services are widely used by enterprises in the fields of mining, etc.

Promote the remanufacturing of auto parts and remanufacturing of office equipment in the fields of commerce, logistics, and leasing

The proportion of remanufactured products in the aftermarket has further increased.

Industry scale, guide the formation10About 100 remanufacturing industry clusters will be set up to cultivate a group of remanufacturing

Leading enterprise, achieving the output value of remanufacturing industry2000billion yuan.

(7) Actions to improve the quality of recycling and utilization of waste electrical and electronic products.Using the Internet

information technology, encourage diversified participation, and build an online and offline integrated waste electrical and electronic products platform

Product recycling network, and continue to carry out pilot projects on extended producer responsibility for electrical and electronic products.

Manufacturers of electrical and electronic products can recycle through self-collection, joint collection or entrusted collection.

Establish a recycling system to guide and regulate the cooperation between production enterprises, recycling enterprises and e-commerce platforms.

Guide waste electrical and electronic products to flow into standardized dismantling enterprises.

Strengthen the personal privacy information security of the entire recycling process of electronic products such as mobile phones and computers.

Scientific and technological innovation, encourage the promotion and application of new technologies, new processes and new equipment, support the standardization

Dismantle the process equipment of enterprises to improve quality, promote intelligent and refined dismantling, and promote high

Value utilization.

(8) Actions to promote the full life cycle management of automobiles.Research and develop automobile

Use the full life cycle management solution to build a comprehensive

The automobile use life cycle information interaction system for enterprises, recycling and dismantling enterprises, etc.

Strong automobile production, import, sales, registration, maintenance, second-hand car transactions, scrapping, customs

Interconnection and interactive sharing of key parts flow and other information. Establishment of certified parts, remanufacturing

Establish a marking system and information inquiry system for remanufactured parts and recycled exterior parts.

Pilot program for extended producer responsibility. Select some regions to take the lead in implementing the full life cycle of automobile use.

Manage the pilot program and promote it nationwide when conditions are ripe.

(9) Special action to address the entire plastic pollution chain.Scientifically and rationally promote the development of plastic sources

Reduce the amount of plastic waste and strictly prohibit the production of ultra-thin agricultural mulch films, daily chemical products containing plastic microbeads and other hazardous

Products that are harmful to the environment and human health, and encourage the public to reduce the use of disposable plastic products.

In-depth assessment of the resource and environmental impact of various plastic substitutes throughout their life cycle.

Actively and steadily promote biodegradable plastics, improve the standard system, and enhance inspection and testing capabilities.

Standardize application and disposal. Promote the application of standard mulch film and increase the recycling rate of waste agricultural film.

Strengthen the classification, recycling and reuse of plastic waste and accelerate the incineration of domestic waste

Build facilities to reduce the amount of plastic waste landfilled. Carry out plastic waste disposal in rivers, lakes and coastlines.

Garbage cleanup, implement special actions to clean up marine garbage. Strengthen policy interpretation and publicity.

Guide and create a good social atmosphere.

(10) Actions to promote the green transformation of express packaging.Strengthen green management of express packaging

Management, promote cooperation between e-commerce and manufacturers, and realize direct delivery of express parcels of key categories.

Encourage upstream and downstream enterprises such as packaging production, e-commerce, and express delivery to establish industrial alliances and support the establishment of

The qualified supplier system for express packaging products will encourage manufacturers to consciously reduce packaging.

Implement a green product certification system for express packaging. Carry out large-scale production of recyclable express packaging.

Pilot projects for recycling applications will be launched to significantly increase the proportion of recycled transfer bags (boxes).

Promote the use of shared standardized turnover boxes. Encourage e-commerce, express delivery companies and businesses to

Institutions, convenience stores, property service companies, etc. cooperate to establish a recyclable express packaging agreement

The collection point is where the recyclable express packaging is placed in a specialized recycling facility.2025Year, e-commerce

Express parcels are basically no longer repackaged, and the scale of application of recyclable express packaging has reached1000Ten thousand

individual.

(11) Recycling of used power batteries.Strengthening the power of new energy vehicles

Construction of battery traceability management platform to improve the traceability of recycling and utilization of new energy vehicle power batteries

Management system. Promote new energy vehicle manufacturers and waste power battery recycling enterprises

The industry will build standardized recycling service outlets through self-construction, co-construction, authorization, etc.

Promote the standardized cascade utilization of power batteries, improve residual energy detection, residual value assessment, and restructuring benefits

Strengthen the recycling and cascade utilization of waste power batteries

Promote the application of complete sets of advanced technology and equipment. Improve the standard system for power battery recycling and utilization.

Cultivate key enterprises for comprehensive utilization of waste power batteries and promote the recycling of waste power batteries.

Development of environmental utilization industry.

V. Policy Guarantee

(1) Improve the laws, regulations and standards for circular economy. Promote the revision of circular economy promotion

The law further clarifies the rights and obligations of relevant entities.

Recycling and disposal management regulations, improve supporting policies, and better play the role of the market.

Local governments should formulate local laws and regulations to promote the development of circular economy.

system, improve green design, clean production, remanufacturing, recycled materials, green packaging,

Standards and specifications for recycled building materials will be established to deepen the national circular economy standardization pilot work.

(2) Improve the statistical evaluation system of circular economy. Study and improve circular economy statistics

system, gradually establish statistics including important resource consumption, recycling and utilization, etc.

system, optimize statistical accounting methods, and enhance the support of statistical data for circular economy work

Improve the evaluation index system for circular economy development and improve the evaluation system for circular economy

Third-party evaluation is encouraged.

(3) Strengthen fiscal, taxation and financial policy support. Coordinate existing funding channels and strengthen

Support for major circular economy projects, key projects and capacity building. Increase government green

Increase procurement efforts and actively purchase recycled resource products. Implement tax incentives for comprehensive resource utilization

The policy will expand the scope of corporate income tax preferential categories such as environmental protection, energy conservation and water conservation.

Encourage financial institutions to increase investment and financing for major projects in the circular economy.

Green financial product innovation, increase green credit, green bonds, green funds, green insurance

The insurance industry will strengthen its support for enterprises and projects related to the circular economy.

(4) Strengthen industry supervision.Strengthen the management of scrapped motor vehicles and waste electrical and electronic products

Standardized management of products and waste battery recycling enterprises, and severe crackdown on illegal modification and repackaging

Strengthen market supervision and strictly

Strictly crack down on illegal production and sale of plastic products banned by the state, and strictly investigate and punish biodegradable

False labeling and counterfeiting of plastics. Strengthen the recycling, utilization and disposal of waste materials.

environmental regulation.

VI. Organization and Implementation

The National Development and Reform Commission strengthened overall coordination and supervision and management, and gave full play to the development cycle.

The inter-ministerial joint conference mechanism for environmental economic work can timely summarize and analyze the progress of work and

All relevant departments shall implement key tasks in accordance with their respective functions.

and strengthen related work such as energy conservation, water conservation, waste classification, and the construction of “zero-waste cities”

All localities should attach great importance to the development of circular economy, make careful arrangements, and clearly define the key points.

Point out the tasks and division of responsibilities, and implement the plan in light of the actual situation.

in,Urban waste material recycling system construction projectBy the National Development and Reform Commission

The Ministry of Commerce, together with the Ministry of Natural Resources, the Ministry of Industry and Information Technology, and the Ministry of Housing and Urban-Rural Development

And other departments to organize and implement it.Park circular development projectThe National Development and Reform Commission

It will be organized and implemented by the Ministry of Industry and Information Technology and other departments.Demonstration project for comprehensive utilization of bulk solid w

The National Development and Reform Commission, the Ministry of Industry and Information Technology, the Ministry of Ecology and Environment, the Ministry of Agriculture and Rural

The National Forestry and Grassland Administration and other departments will organize and implement it.Demonstration project for resource utilization of construction wasteBy living

The Ministry of Housing and Urban-Rural Development will organize and implement the plan in conjunction with the National Development and Reform Commission and other departme

Key Technology and Equipment Innovation ProjectThe Ministry of Science and Technology, together with the National Development and Reform Commission and other relevant departm

Organize and implement.Action for high-quality development of the remanufacturing industryBy the National Development and Reform Commission, Industry

The Ministry of Information Technology will organize and implement it together with relevant departments.Recycling of waste electrical and electronic products

Quality improvement actionsThe National Development and Reform Commission, the Ministry of Ecology and Environment, the Ministry of Industry and Information Technology,

The Ministry of Commerce, the China Supply and Marketing Cooperatives and other departments will organize and implement it.Car use life cycle management

Management Promotion ActionThe National Development and Reform Commission, the Ministry of Commerce, the Ministry of Industry and Information Technology,

The Ministry of Public Security, Ministry of Ecology and Environment, Ministry of Transport, General Administration of Customs and other departments will organize and implement it.Pla

Special action to control the entire chain of material pollutionThe National Development and Reform Commission and the Ministry of Ecology and Environment will jointly

Ministry of Industry and Information Technology, Ministry of Commerce, Ministry of Housing and Urban-Rural Development, Ministry of Agriculture and Rural Affairs, Ministry of Market

The General Administration of Market Regulation, the State Post Bureau, the China Supply and Marketing Cooperatives and other departments will organize and implement it.Express pa

Green transformation promotion actionThe National Development and Reform Commission, the State Post Bureau and the Industry and

Ministry of Information Technology, Ministry of Ecology and Environment, Ministry of Transport, Ministry of Commerce, State Administration for Market Regulation, etc.

Departments organize and implement.Waste power battery recycling actionThe Ministry of Industry and Information Technology will

Organize and implement with the National Development and Reform Commission, Ministry of Ecology and Environment and other departments.Improve the circular economy

Statistical evaluation systemThe National Development and Reform Commission, the National Bureau of Statistics and the Ministry of Industry and Information Technology

The Ministry of Commerce, Ministry of Ecology and Environment and other departments will organize and implement it.