



COUNTRY PROFILE

CHINA

China National Context for SCP and Connection to the Global Agenda

China has embraced both the Paris Climate Agreement and Sustainable Development Goals (SDGs) as the need for transformative approaches to reduce greenhouse gas emissions and resource use has increased. This has included presenting its first Voluntary National Review of the Implementation of the 2030 Agenda for Sustainable Development at the 2016 High-level Political Forum in New York. These global initiatives are also in line with China's Circular Economy, which was officially adopted in 2002 and puts SDG 12 on sustainable consumption and production at the centre of its efforts.

Key SCP-related initiatives China has already rolled out include the Circular Economy Promotion Law (2008) and Cleaner Production Promotion Law, with National Five-Year Plans for Social and Economic Development; the Action Plan of Energy Development Strategy (2014); the Environmental Protection Law (2015) and the Guide Plan for Circular Development (2016).

CHALLENGES

- Resource scarcity along with growing resource needs for production continue to require attention.
- Changing patterns among consumers put increased pressure on already limited resources.
- Green Public Procurement lacks necessary guidelines and information while there is low environmental awareness among government procurement personnel and suppliers.
- The environmental legal system contains many loopholes that allows businesses to escape compliance.
- As SMEs make up a significant portion of businesses in China, it is important to consider the access to finance obstacles for new technology.

PRIORITIES

In addition to responding to the challenges, there are key sectors and activities that will promote overall effectiveness SCP efforts and the long-term success of the SDG implementation including:

- Policymakers require guidance and capacity building in order to craft effective innovation policy by examining specific policies that constitute the core of national innovation strategies.
- Energy and resource efficiency should be improved significantly, while energy, water, built-up land consumption and carbon emissions should be controlled effectively.
- Accelerate the establishment of a natural resources property rights system and an assessment and compensation system for ecological damages.
- Substantially reduce food waste during production, processing, circulation and supply.
- Other key sectors include sustainable SMEs (business and innovation), sustainable waste (circular economy and waste) and mainstreaming circular economy/SCP.

OPPORTUNITIES

- Strengthen structural reform of the supply front in order to improve resource efficiency.
- Further build capacity of government, business, consumers and civil society on SCP, including integration of SCP concepts into the education system and building awareness on eco-labelling among consumers.
- Expand the use of media to promote SCP awareness among the public.
- Provide financial and technical assistance to SMEs to induce and enable eco-innovation towards resource efficiency.
- Continue capacity building with organisations with relevant expertise to prepare Government officials and business leaders to understand the necessary actions.
- Update technology and expand facilities in order to respond to emerging challenges such as e-waste.

GRANT PROJECTS IN CHINA



Ongoing

TRANSITIONS TO CIRCULAR ECONOMY PRACTICES IN TEXTILE AND APPAREL MSMEs ALONG THE LIFECYCLE IN HUZHOU AND SHAOXING

Theme: Textiles and Leather



Ongoing

ECHO: TOWARDS ENERGY EFFICIENCY IN AGRIFOOD COLD CHAIN LOGISTIC IN CHINA

Ensuring food quality and safety, Reducing food wastage

Theme: Agri-food



Ongoing

SUPPORTING SCHEME FOR MSMEs BY BUILDING SUSTAINABLE AGRICULTURAL FRESH FOOD PRODUCTION AND LOGISTICS IN CHINA (SAFE)

Theme: Agri-food



Ongoing

RURENERGY: PROMOTING SUSTAINABLE RESIDENTIAL ENERGY CONSUMPTION IN RURAL CHINA

Theme: Housing and Buildings



Ongoing

PRIDE ON OUR PLATES

Strengthening China's MSMEs through proven food waste solutions and behavioural insights

Theme: Waste Management



Completed

VA3

Improving energy-efficiency and environmental performance of Chinese SMEs and large companies

Theme: Multi-industry



Completed

TRAIN THE TRAINERS

Training Chinese construction sector SMEs in energy saving techniques and technologies

Theme: Housing and Buildings



Completed

SUS BIRD

Sustainable building interior renovation and decoration initiative in China

Theme: Housing and Buildings



Completed

SUPP-URB CHINA

Sustainable public procurement in urban administrations in China

Theme: Multi-industry



Completed

SC IN URBAN CHINA

Implementing sustainable consumption in civil society in urban China

Theme: Multi-industry



Completed

LOW ENERGY HOUSING

Mainstreaming energy-efficient buildings in Chinese cities

Theme: Housing and Buildings



Completed

INDUSTRIAL SYMBIOSIS

Facilitating industrial symbiosis in Chinese industrial parks to reduce environmental impact

Theme: Multi-industry



Completed

REWIND E-WASTE TRACKING SYSTEM

Improving resource efficiency for the production and recycling of electronic products

Theme: Electrical and Electronics



Completed

SUSTAINABLE PRODUCTION IN THE PRINTING AND DYEING SECTOR IN CHINA

Introducing sustainability into China's printing and dyeing industry

Theme: Textiles and Leather



Completed

CHINA HIGHER EFFICIENCY POWER AND DISTRIBUTION TRANSFORMERS PROMOTION

Efficiency standards creating a new market for Chinese transformers

Theme: Multi-industry



Completed

CHINA HEAT PUMP WATER HEATER CHALLENGE

Promoting residential heat pump water heaters (HPWH) in China

Theme: Multi-industry





Completed



Completed



Completed



Completed

ESEEC

Improving environmental and safety performance in electrical and electronics industry in China

Theme: Electrical and Electronics



China

EMAS GLOBAL CHINA

EU Eco-Management and Audit Scheme (EMAS) Global China

Theme: Multi-industry



China

ECO-FRIENDLY BAMBOO PRODUCTION

Creating green jobs for the earthquake affected population in Sichuan

Theme: Housing and Buildings



China

EDIBLE BAMBOO SHOOT

Greening the supply chain of China's agro-food processing industry

Theme: Agri-food



China



Completed



Completed



Completed



Completed

CHINA MOTOR CHALLENGE

Mitigating climate change by promoting high-efficiency products for motor systems in China

Theme: Transport and Logistics



China

CAPACITY

Sustainable production and consumption models and certification tools in Chinese food supply chains

Theme: Agri-food



China

FEES

Financing Energy and Environmental Solutions

Theme: Multi-industry



China

WESTERN CHINA SUSBUILD

Up-scaling and mainstreaming sustainable building practices in western China

Theme: Housing and Buildings



China



Completed



Completed

ACMFN

Promoting sustainable cleaner development

Theme: Multi-industry



China, India, Indonesia

WOOD PROCESSING AND TRADE

Sustainable trade promoted to wood processing SMEs through forest and trade networks



China, India, Vietnam



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