



Chemical Industry
Creating a Better Future

SHANGHAI CHEMICAL INDUSTRY PARK

Shanghai Chemical Industry Park Development Co., Ltd.

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SCIP

General Information



Shanghai Chemical Industry Park (SCIP)

Shanghai Chemical Industry Park (SCIP) is a state-level economic and technological development zone dominated by petrochemical industry, as well as one of the "Seven Major Petrochemical Industry Bases" planned by the State Council. Located at the north shore of Hangzhou Bay, SCIP has formed circular economic industry chain started with ethylene and established high-end industrial clusters featuring chemical new materials, which has become a specialized chemical industry park with many well-known international chemical enterprises, highly correlated industrial product chains and advanced circular economy.

Basing on new development stage and implementing new development ideologies, SCIP actively embraces national strategy and municipal plan, and dedicates itself to promoting the in-depth merger of petrochemical industry with "dural carbon" target, science and technology innovation and digital transformation. It is devoted to constructing green chemical industry clusters, Shanghai International Chemical New Materials Innovation Center, Shanghai Electronic Chemicals Special Zone and smart chemical industry park, aiming to build a world-class petrochemical production base and circular economy model.

Main Honors



1st of Top 30 Chinese CHEM-Park for years



National Low-carbon Industry Pilot Park



Best Organization for Responsible Care of Chinese Petroleum and Chemical Industry



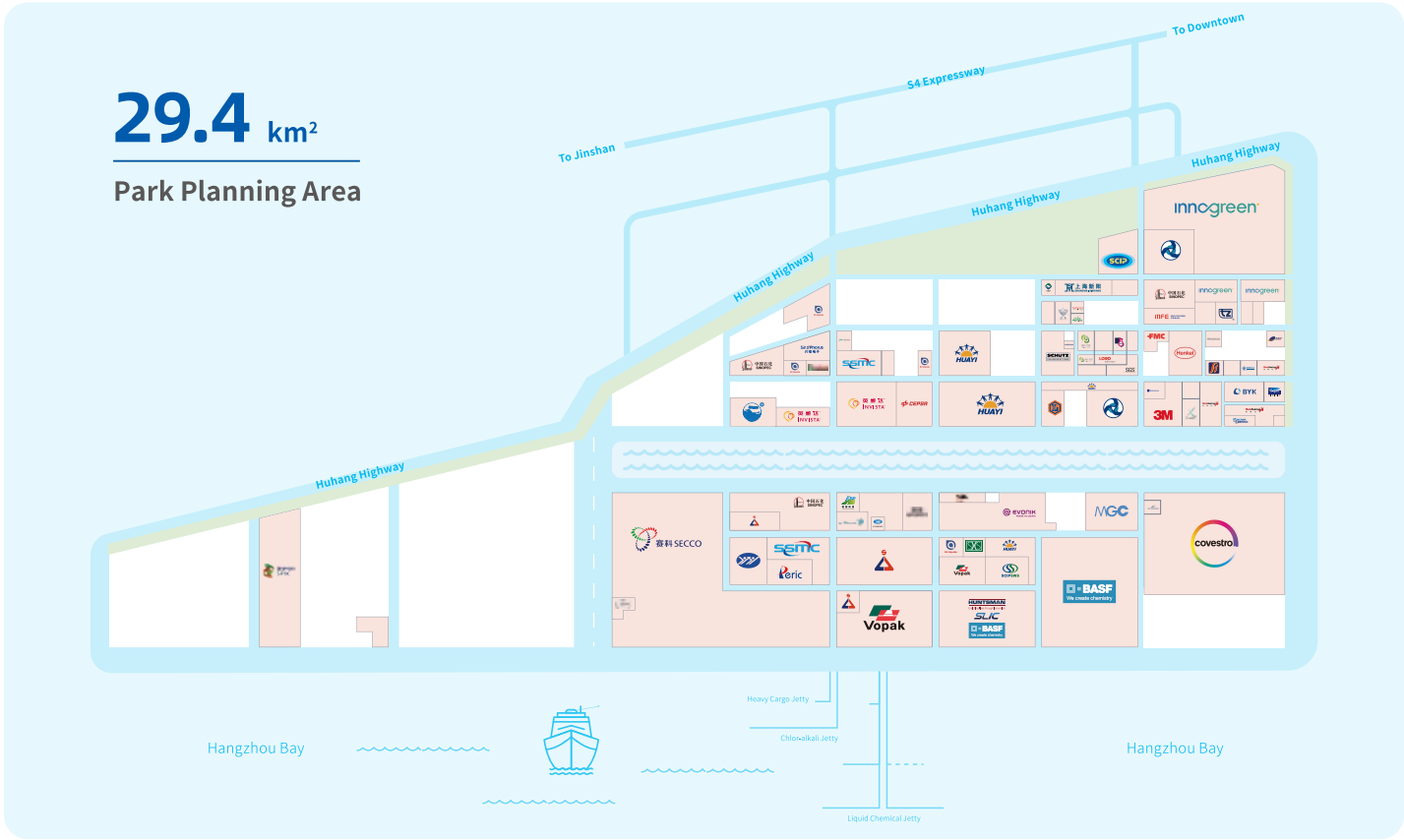
National Eco-industrial Demonstration Park



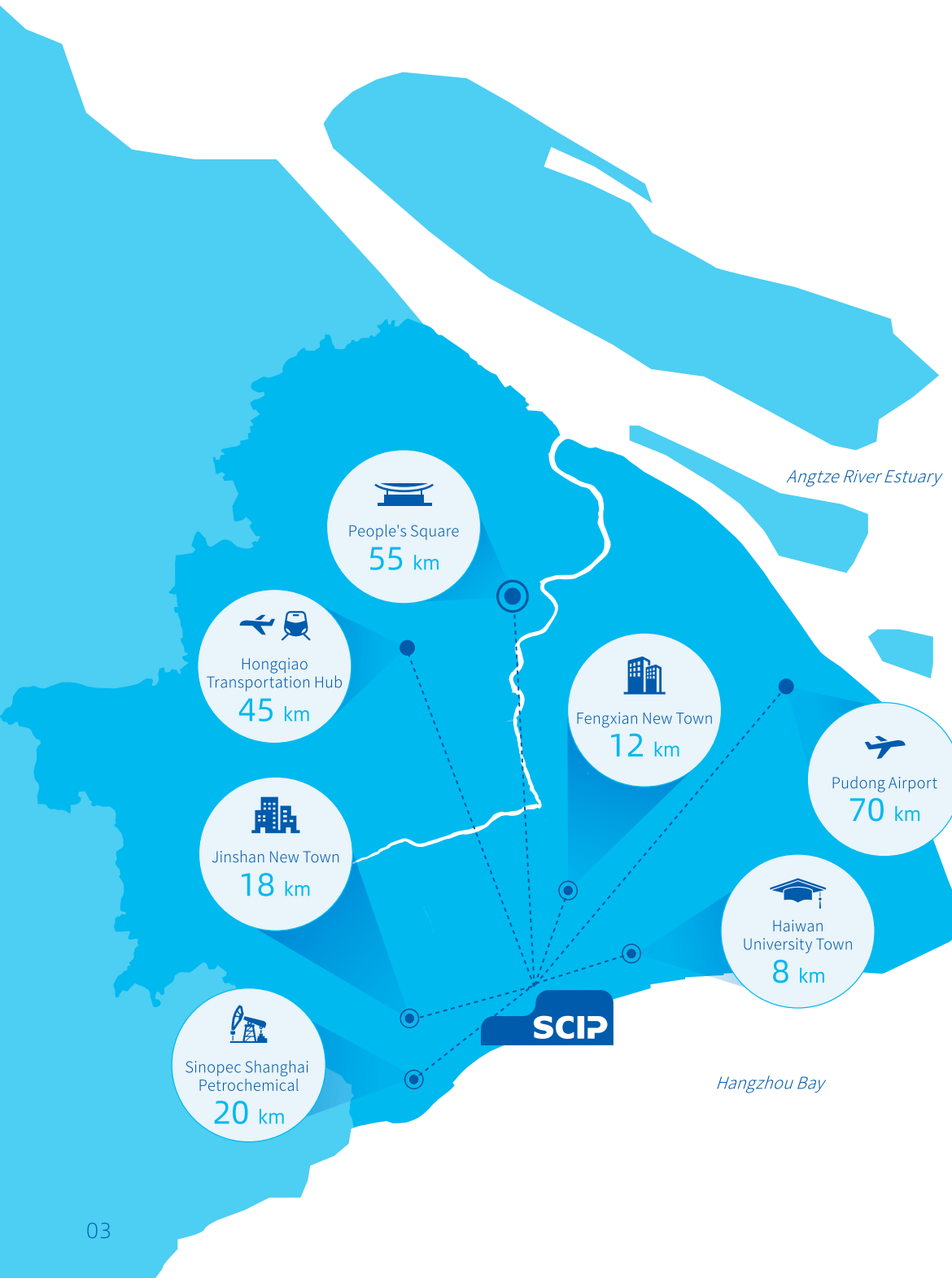
National Novel Industry Demonstration Park



Chinese Smart Chemical Industry Demonstration Park



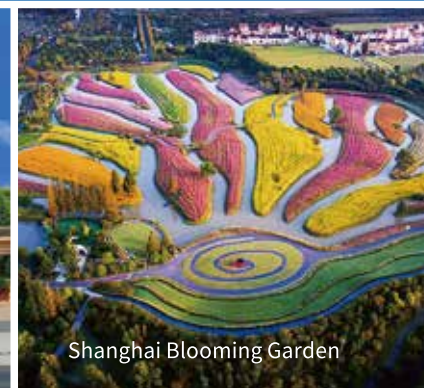
Traffic & Location



30 Minutes Life Circle



Transportation

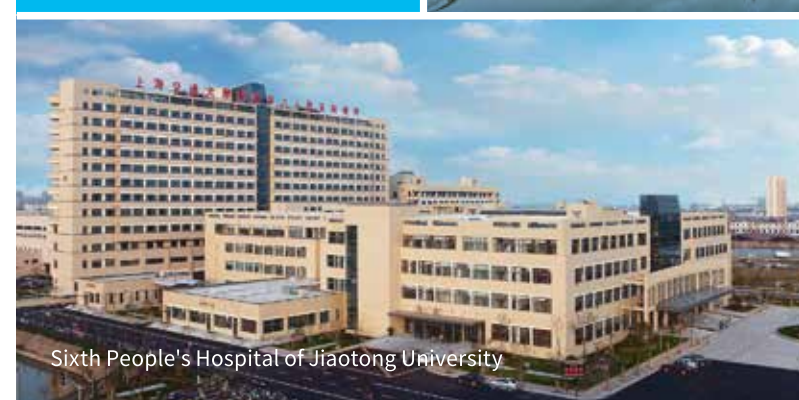


Education

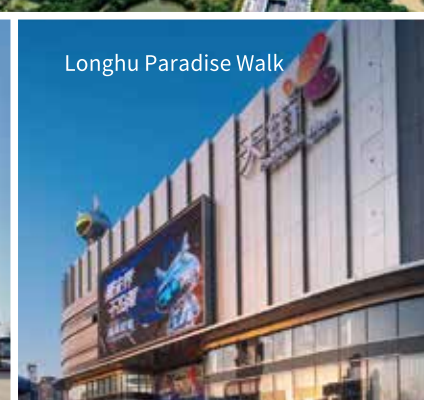


Entertainment

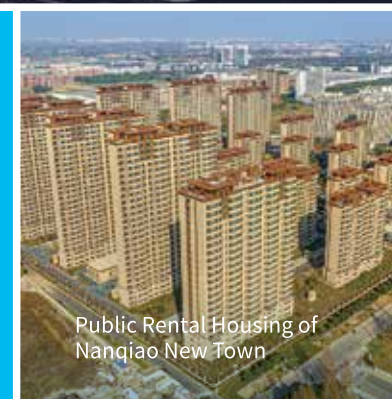
Medical Services



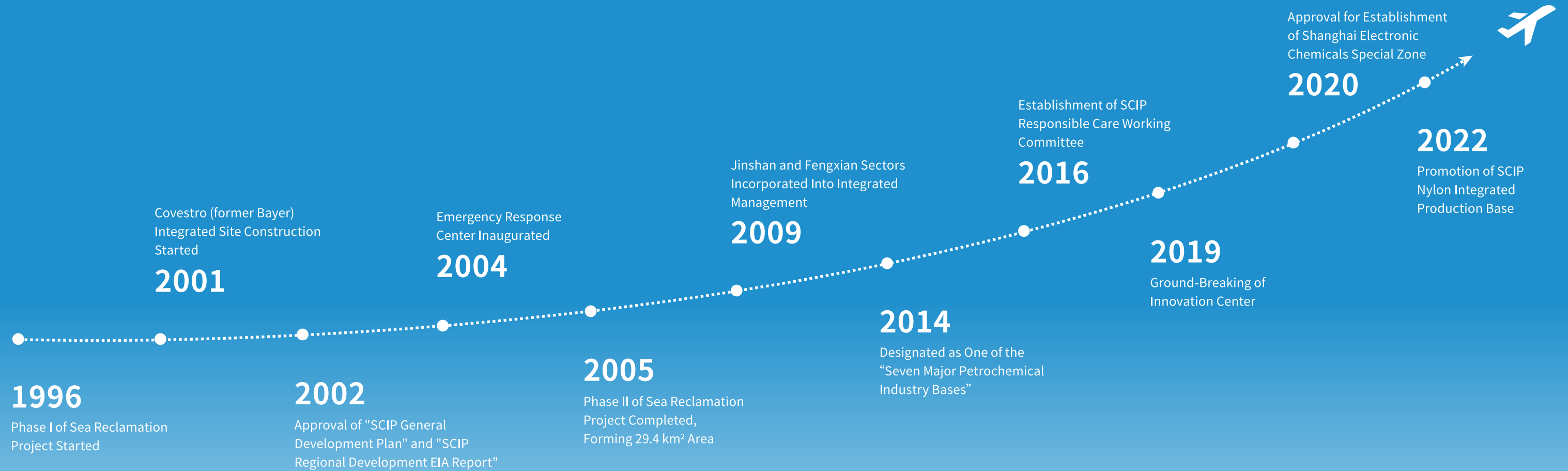
Business



Housing



Milestones



SCIP



SUSTAINABLE



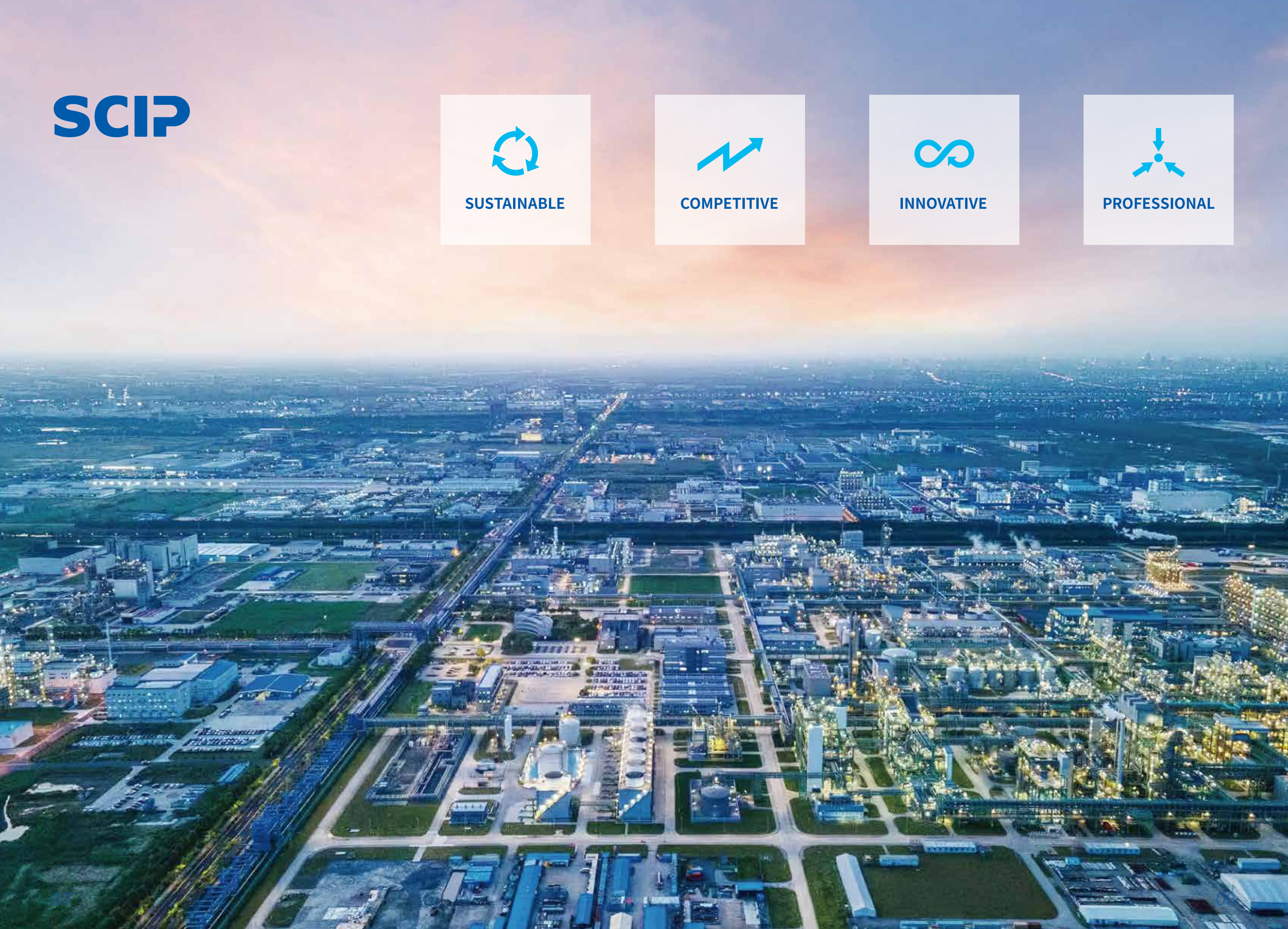
COMPETITIVE



INNOVATIVE



PROFESSIONAL



Sustainable Development Mode



Green and Low-carbon

Clean energy, low-carbon raw materials, functional materials, and efficient processes

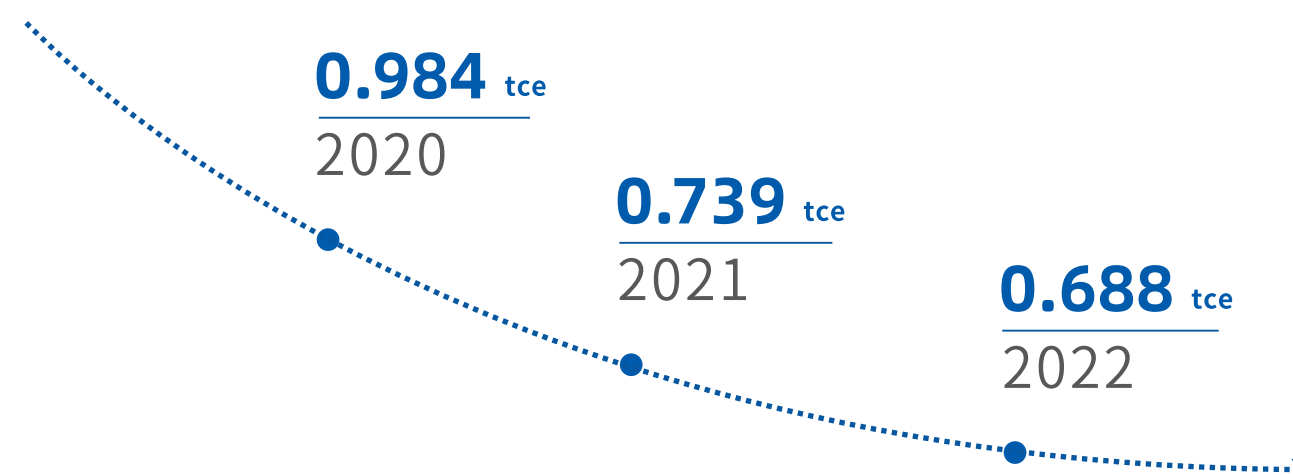


Circular Economy

Build a resource recycling industry system and improve the utilization level of renewable resources

Sustainable Ecosystem

- Comprehensive Energy Consumption Keeps Declining



- Pollutant Emission Levels by 2022





Unit Output Value

Production Capacity (10 thousand tons/yr)					
Ethylene	119	Propylene	73	Butadiene	18
Isobutene	17	Aromatic Hydrocarbon	60	Styrene	71
Acrylonitrile	52	Phenol/Acetone	62.4/37.6	Acrylic acid and Acrylate	32
NaOH	72	Dichloroethane (EDC)	72		



Creating an Open Innovative Ecosystem

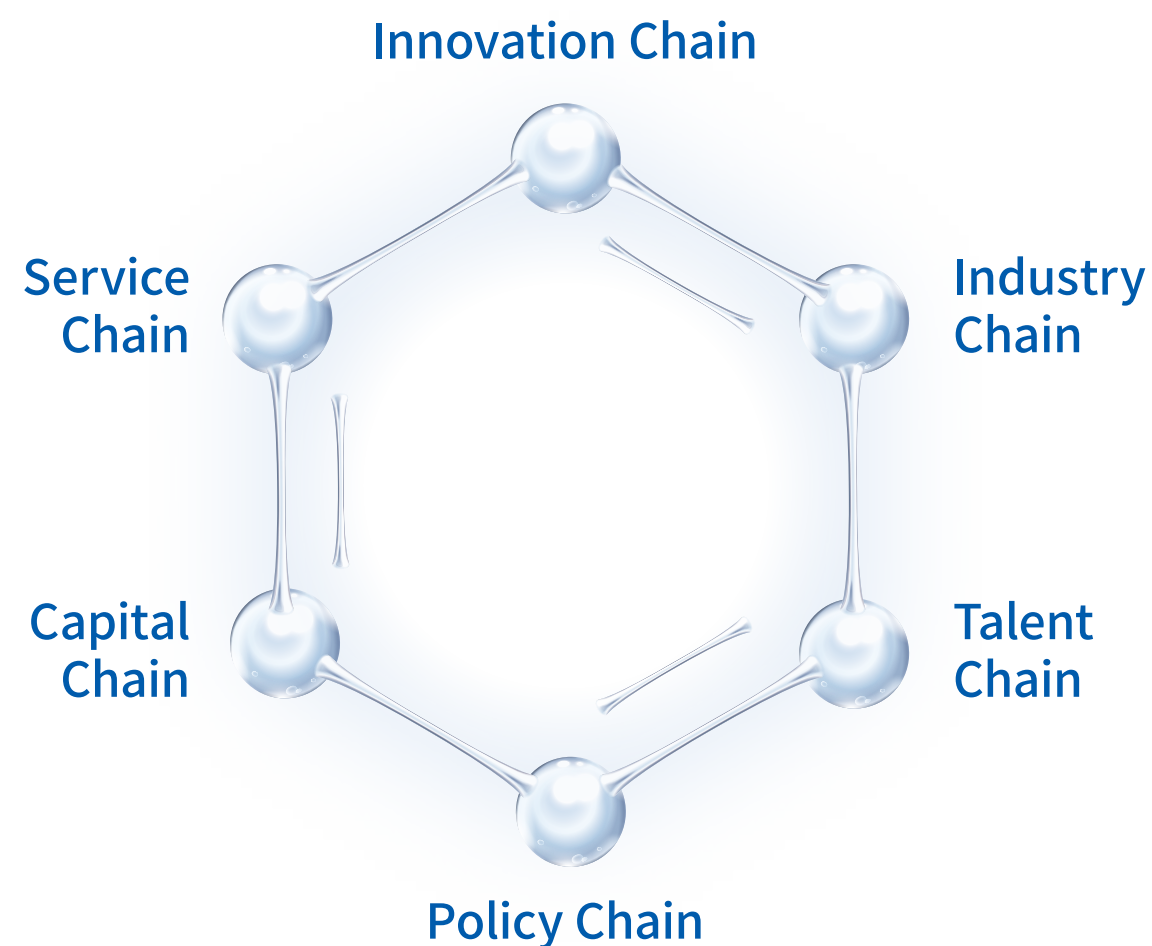
InnoGreen 创新绿洲

Surrounding INNOGREEN, SCIP aims to create a professional, open, shared, and coordinated innovation ecosystem centered on the key areas and links of technological research and development in chemical new materials, including small-scale trials, pilot trials, and achievement transformation. It plans to attract functional platforms for scientific and technological innovation carriers and innovative enterprises, and produce leading technological achievements and innovative products.

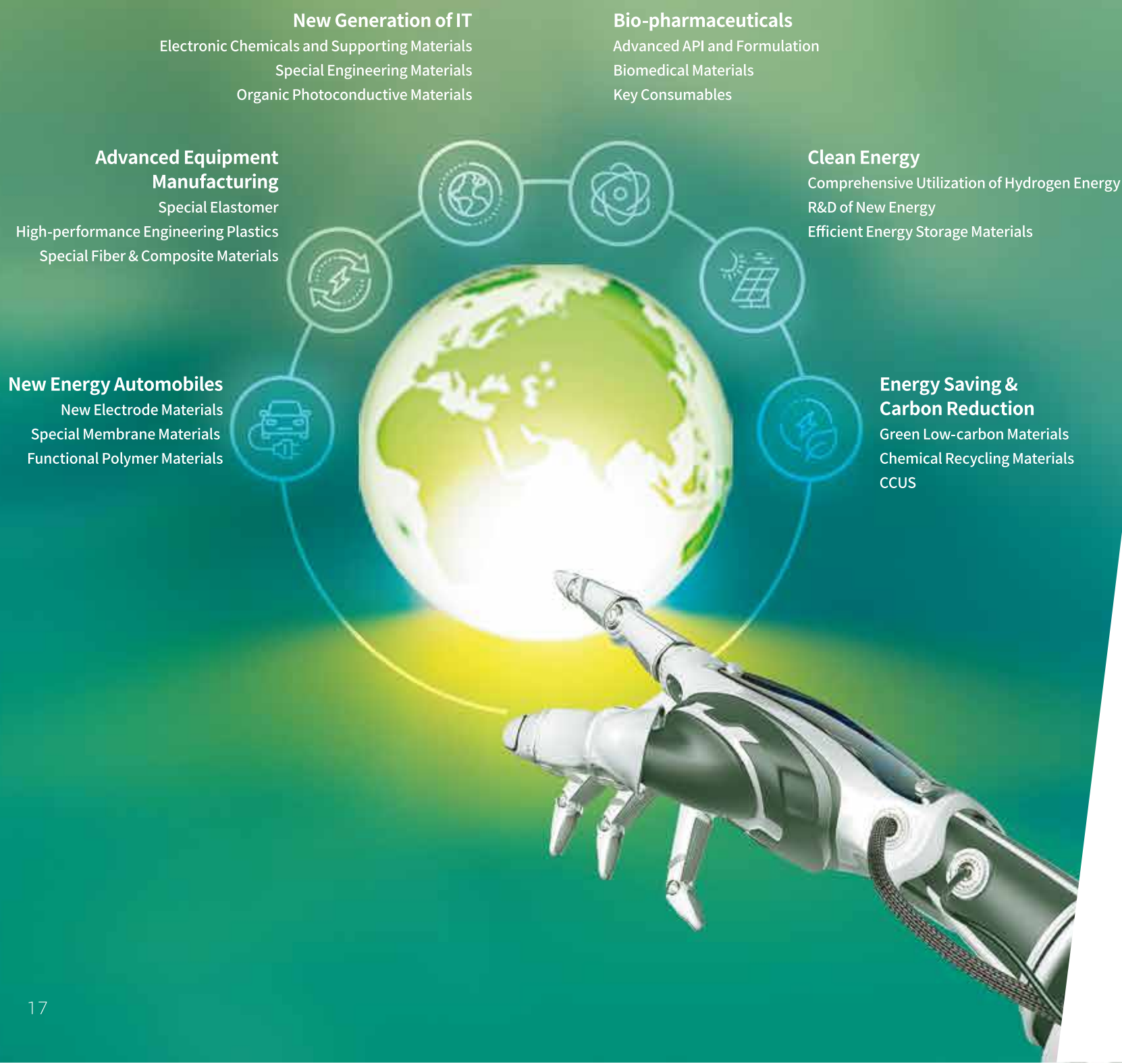
Sharing Resources with Innovative Partners

Partners	Scientific Institutes and Academies	Innovation Funds

Establishing Multi-chain Innovation System



Key Development Orientations



Creating the
Future with SCIP



Key Orientations



Photoresist and
Supporting Materials



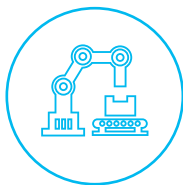
Electronic
Special Gases



Electronic Wet
Chemicals and CMP
Polishing Materials

Positioning

Establish Three Bases of
Electronic Chemicals



Domestic Production



R&D



Logistics & Storage
+
Trading Platform

Key Development Targets

Widest Coverage of Supplies;
Highest Concentration of Top Enterprises;
Best Capability for Innovation



By 2025 (end of fourteenth five-year)

70% of products developed, produced and stored in Shanghai Electronic Chemicals Special Zone, with increased number of domestic production enterprises, becoming leading electronic chemical base in China



By 2030 (end of fifteenth five-year)

90% of products developed, produced and stored in Shanghai Electronic Chemicals Special Zone, focusing on both domestic production and independent innovation, becoming a globally competitive electronic chemical base

Enterprises

SHOWA
DENKO

Air Liquide

PNC 至纯科技

G-gas
广 | 钢 | 气 | 体

RedAvenue
形 | 程 | 电 | 子

Heraeus

上海新阳
SHANGHAI SINYANG

AMI

SinoPhorus
兴福电子

盛剑环境
SHANGHAI SHENGJIAN
盛剑环境 | 603324

上海集成电路材料研究院
Shanghai Institute of IC Materials

SHANGHAI
INSTITUTE OF
MATERIALS

HUAYI

北芳集团
专注于—氟化砷位错控制服务
Beifang Group | Specialized in Dislocation Control Services

SH
启元气体