

CHINA EUROPE

Water Platform

Business & Innovation
Roundtable
April 21st, 2021



CEWP Business & Innovation Program

- 2018 Pilot Activities
 - 2019 Industrial Water Use
 - 2020-2021 Urban Water
 - 2021 Rural Water
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- Present State-of-the-Art-Solutions
 - Identify Market Barriers and Innovation Needs
 - Facilitate Relation-building and Partnerships

Innovation Perspectives # 1

Drivers/needs:

- Climate Change
- Water Demand, Water Quality
- Biodiversity
- Urbanization

Enablers - Systems, Technologies:

- Digitalization
- Sector Integration, Full Water Cycle Management
- Sector Coupling, Water and Energy
- Nature Based Solutions

Framework Conditions

Targets and Policy Initiatives:

- 14th 5YP, 5 of 8 binding targets are within Green Transition
- EU Green Deal, e.g. Zero Emissions

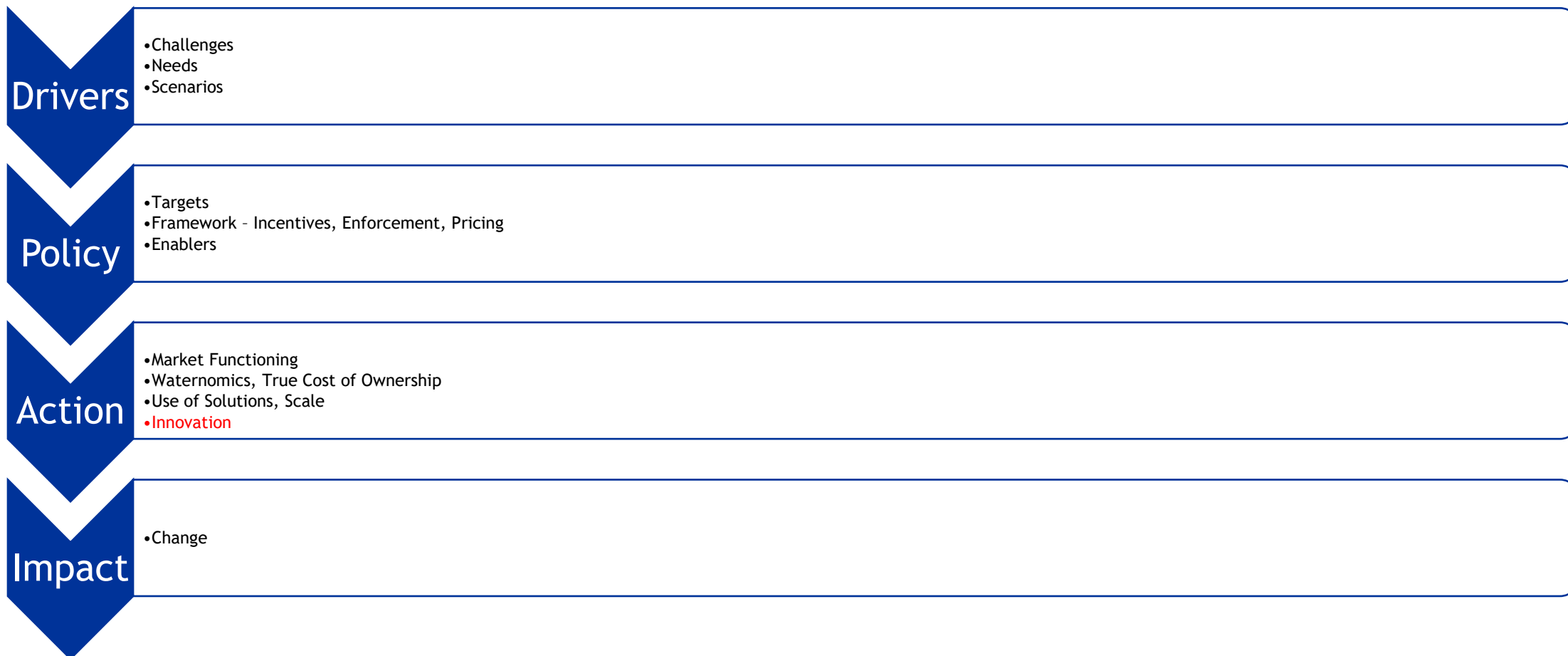
Incentives, Enforcement, Pricing

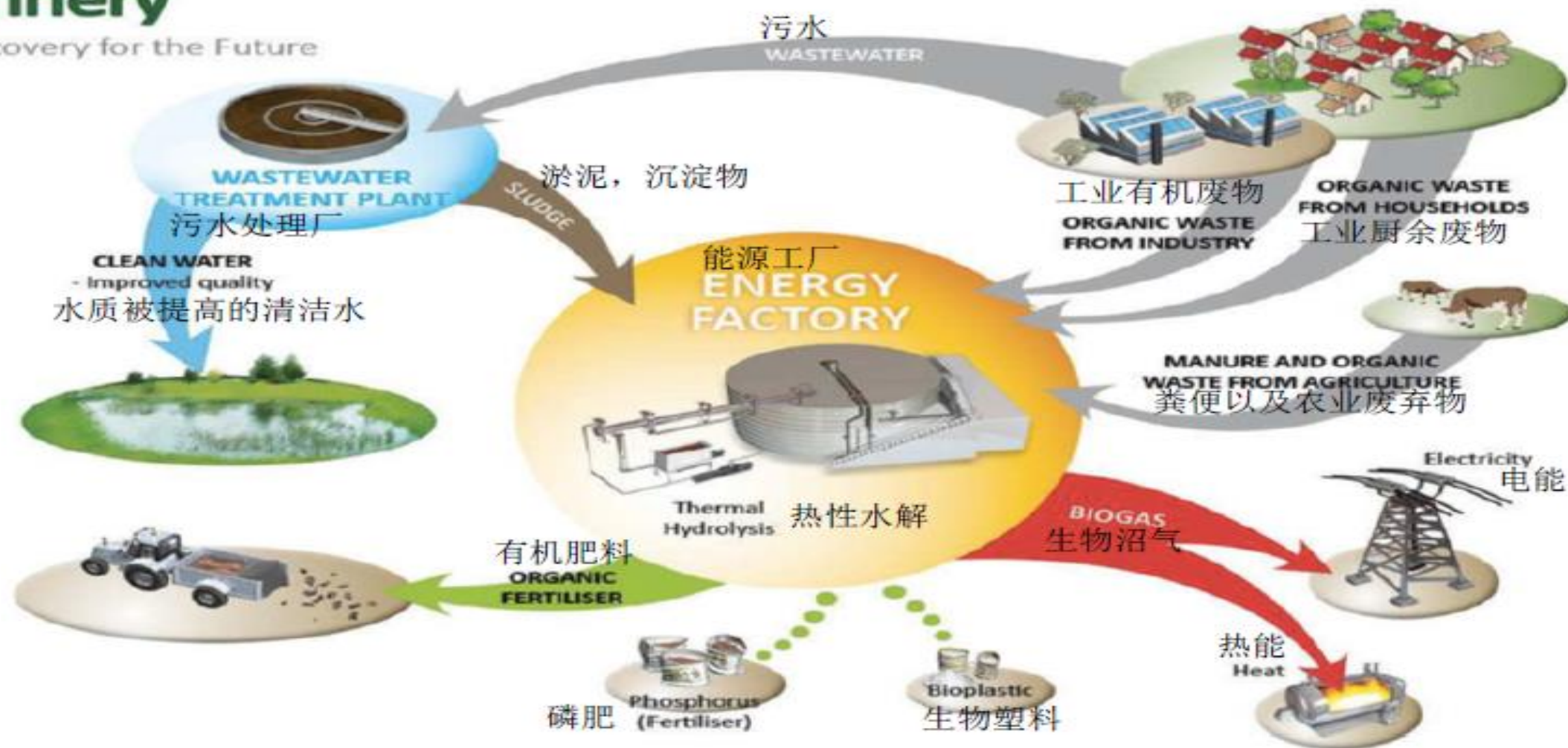
Market Functioning: bulk solutions or state-of-the-art-solutions?

Sustainable Financing Mechanisms, PPPs

Data Management, Sharing, Quality

Getting Innovation Right





Flagship Innovation Projects

Focus: System Innovation

Current CEWP Focus Areas:

- River Basin Management
- Rural Water Supply and Sanitation
- Urban Water (Sponge City, Infrastructure)
- Water and Energy

Other relevant areas:

- Industrial Water Use, Industrial Parks

Innovation Perspectives # 2

Criteria for Flagship Innovation Projects - System Innovation:

- Analysis of Reference Point, scenarios
- Data Sharing, Quality, Organization
- Implementation issues, enforcement
- All relevant stakeholders / authorities involved
- Alignment of Regulation
- IP Issues identified and agreed
- Nature-based Solutions, Sector-integration, Sector-coupling
- Market Functioning, Scale Up

International partnerships

- Groundwater Management and MAR Solutions
- Wastewater Treatment and Ressource Recovery Plants in Medium-sized and Small Cities
- Water Wise Cities