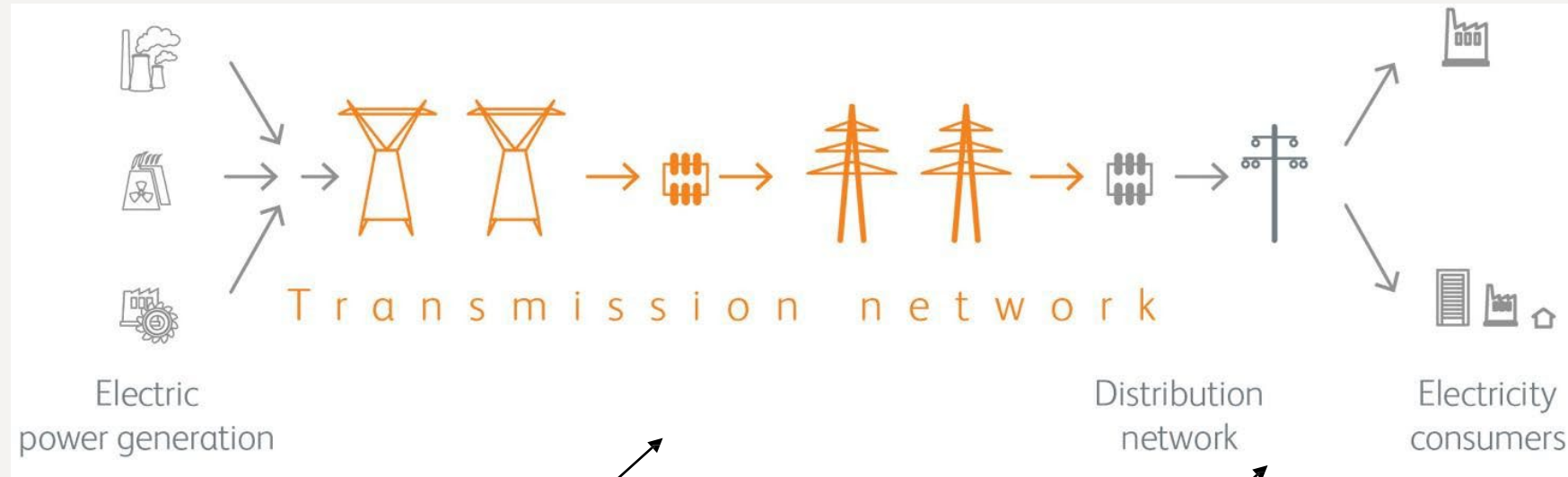


Origin of Global Energy Interconnection



Global Energy Interconnection
Development and Cooperation Organization
全球能源互联网发展合作组织

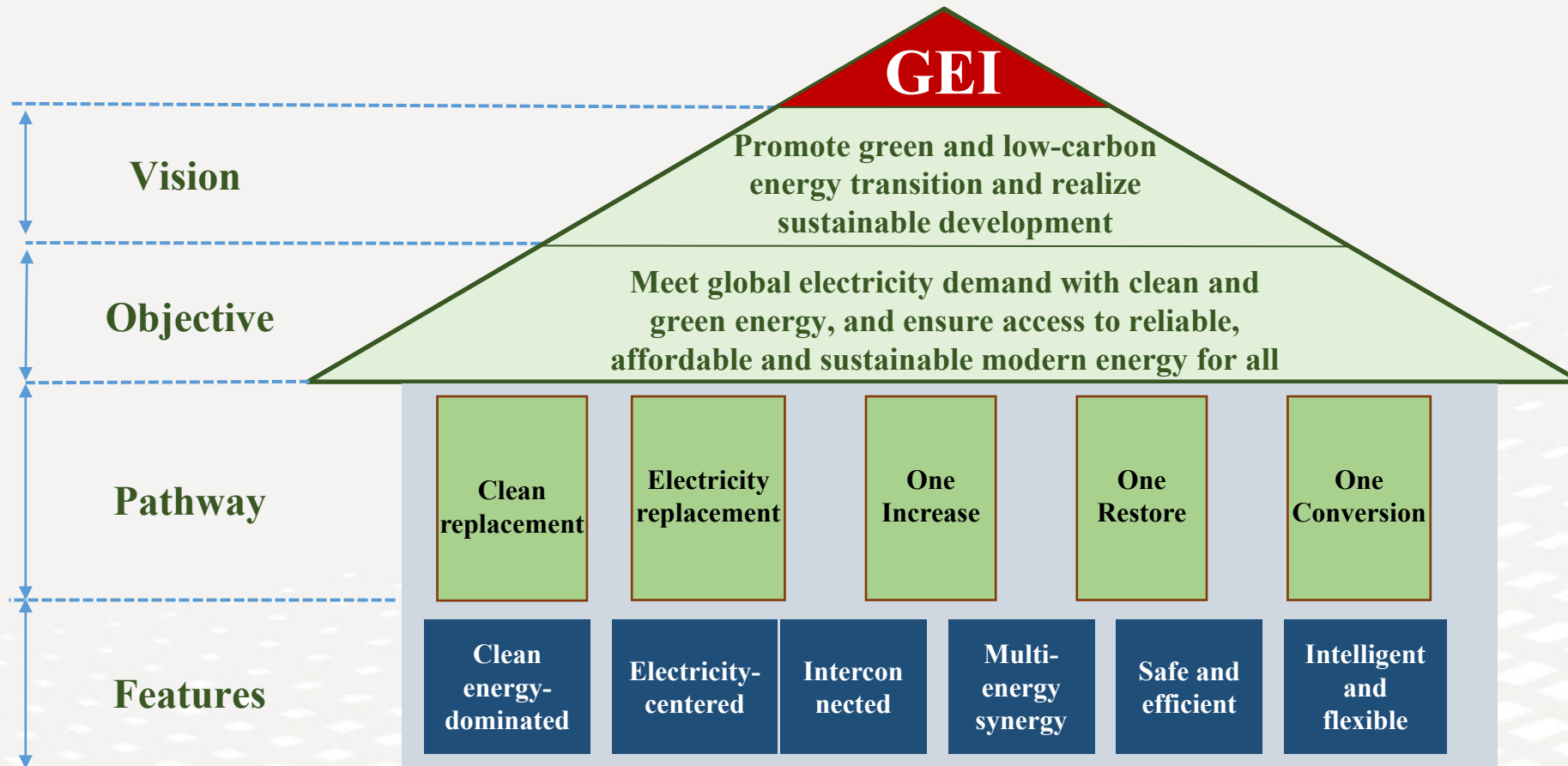


Longer distance
More efficient
Cheaper to build

Flexibility
Digitalization
E-mobility



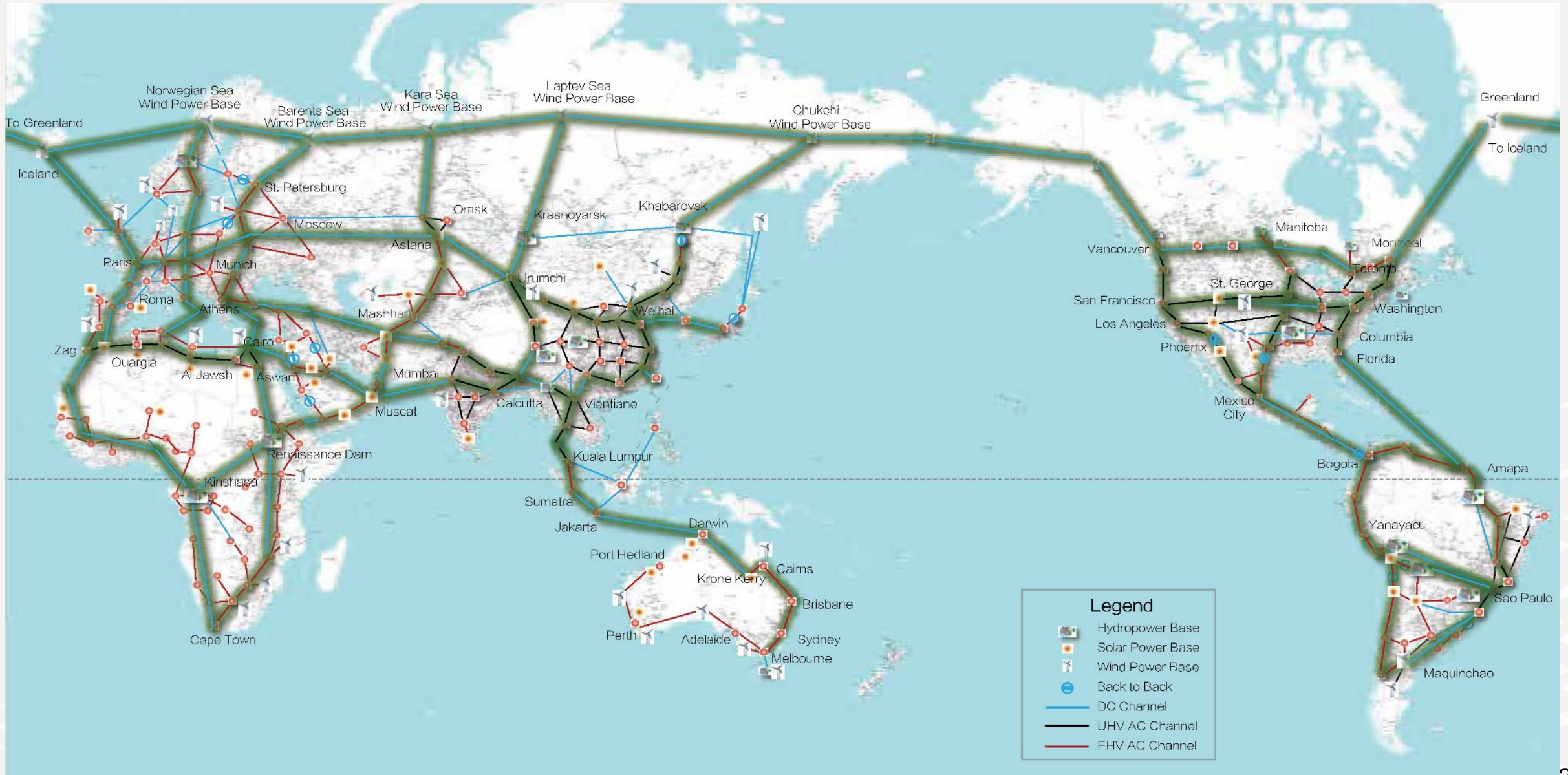
- GEI is an interconnected modern energy system, dominated by clean energy and centering on electricity, and an important carrier for safe, cost-effective and efficient energy transition



Outlook of Global Energy Interconnection



Global Energy Interconnection
Development and Cooperation Organization
全球能源互联网发展合作组织



Align GEI with the UN 2030 Agenda



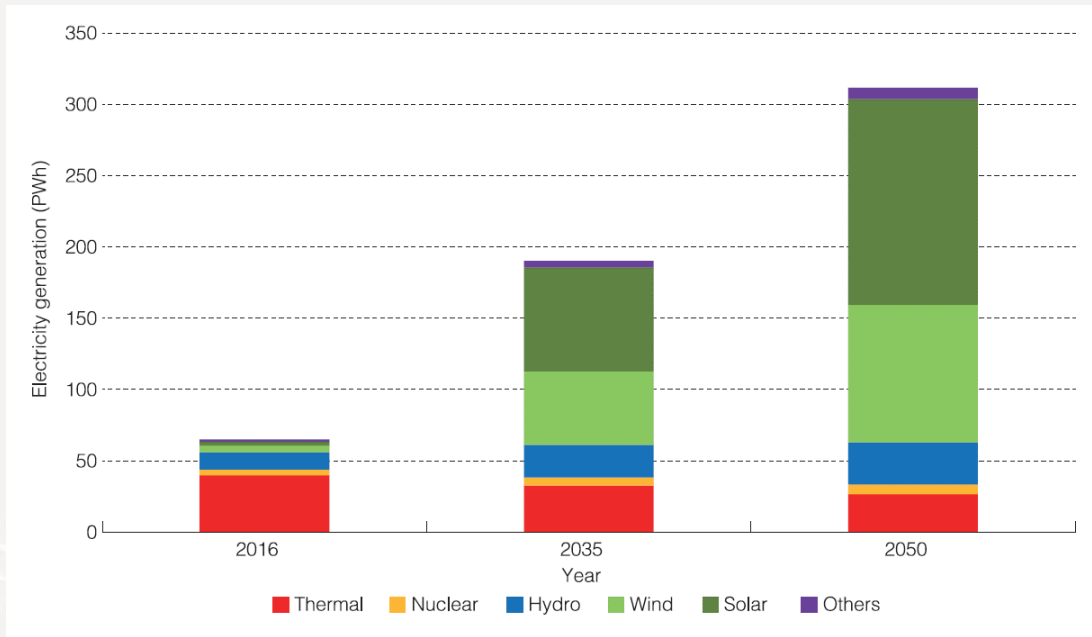
Global Energy Interconnection
Development and Cooperation Organization
全球能源互联网发展合作组织

Sustainable energy development

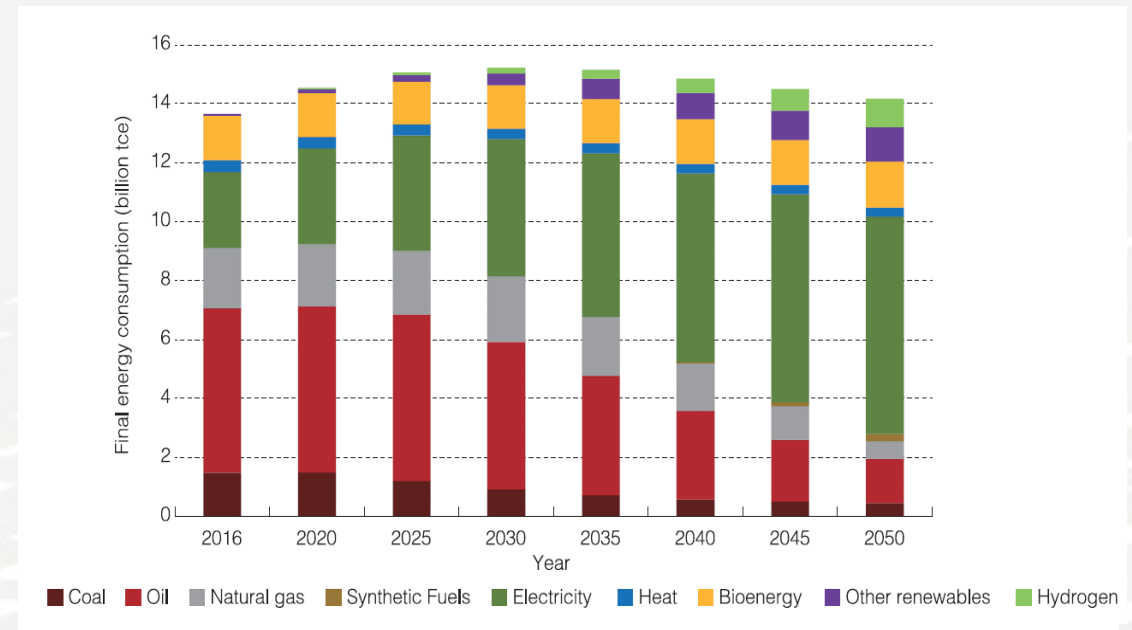
Clean energy replacement

Electricity replacement

Universal power access



Outlook of Global Installed Power Generation Capacity



Outlook of Global End-Use Energy Demand



Align GEI with the UN 2030 Agenda

Sustainable economic development

Boosting economic growth

Innovation & infrastructure development

Reducing poverty

2050

- Total investment of USD 38 trillion
- Contribute 2% of global economy
- Add 200 million jobs



Align GEI with the UN 2030 Agenda



Global Energy Interconnection
Development and Cooperation Organization
全球能源互联网发展合作组织

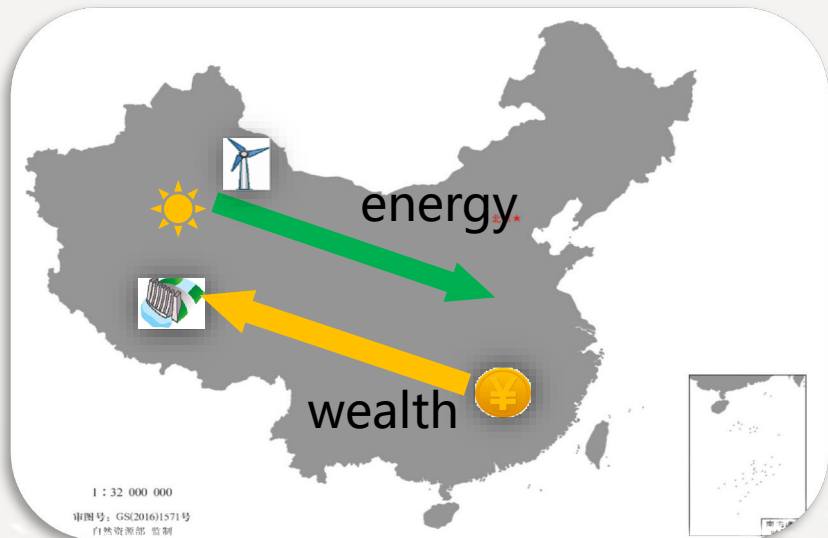


Sustainable society

Coordinated
development

Equal access to
education

Peace and harmony



Energy interconnection promotes
coordinated regional development



GEIDCO's Assistance to the Abay Silto School
Power Supply Project in Ethiopia



Community of shared destiny



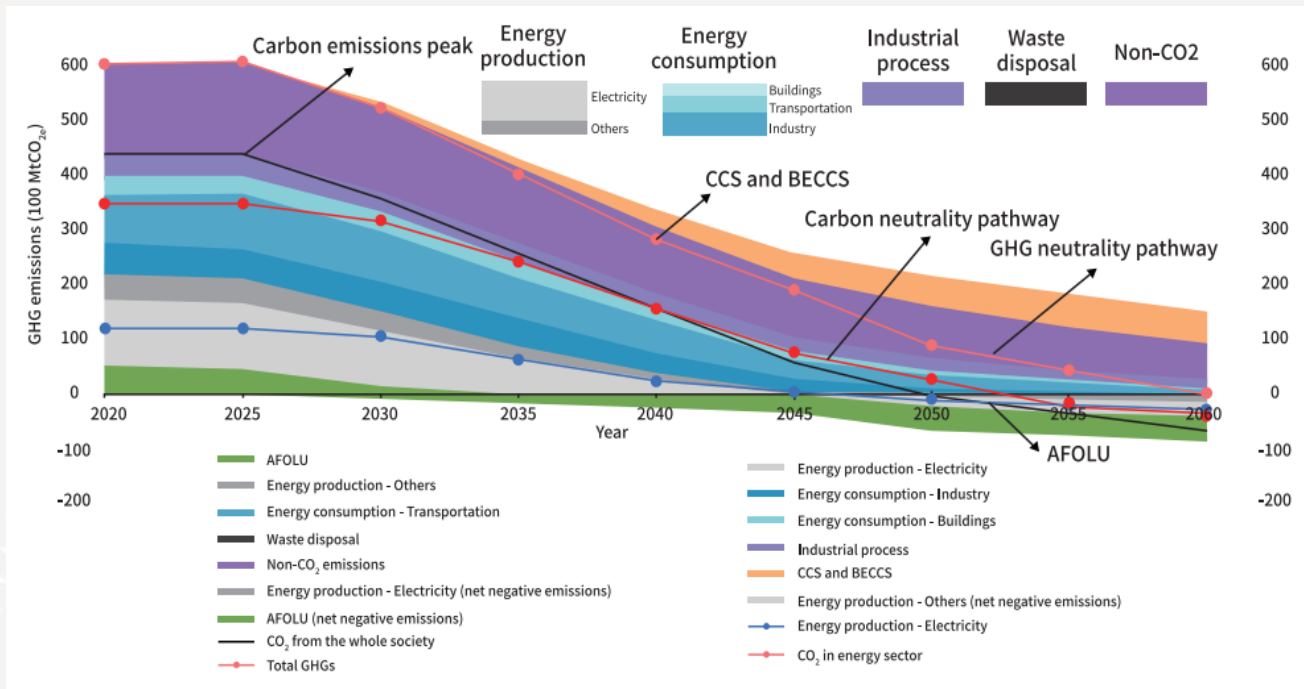
Align GEI with the UN 2030 Agenda

 **Sustainable environment**

Tackling climate change

Protecting ecological environment

Ensuring freshwater supply



Benefits

Net zero by around 2050

Carbon neutrality by 2060

Marginal cost at USD 15 per ton for emission reduction

Align GEI with the UN 2030 Agenda



Global Energy Interconnection
Development and Cooperation Organization
全球能源互联网发展合作组织

Sustainable environment

Tackling climate change

Protecting ecological environment

Ensuring freshwater supply



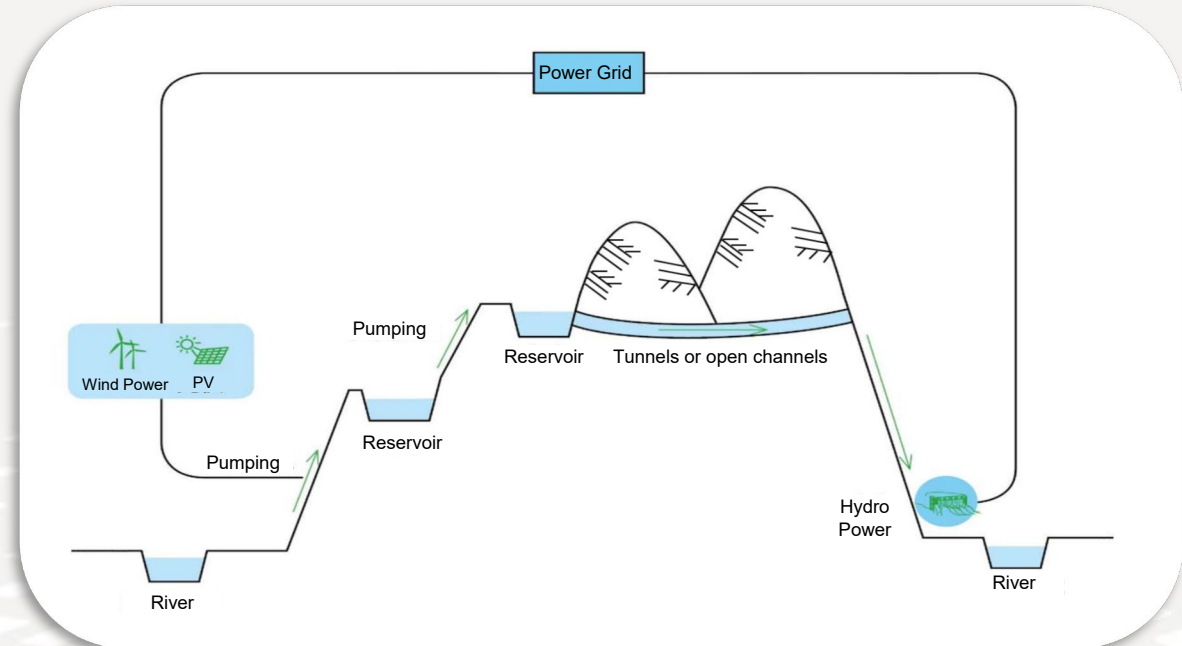
Reduce SO₂
64 million tons/ year



Reduce No_x
100 million tons/ year



Reduce fine particles
14.6 million tons / year



New-type Pumping Diagram