

# Paving a Carbon-free Future



Know *the rule*, Know *yourself*



Standardize through

**“Carbon Accounting”**

**CFO**

**Carbon Footprint**

**Organization**

in accordance with

**ISO14064**

**CFP**

**Carbon Footprint**

**Products**

in accordance with

**ISO14067**

Bangchak has been reporting *carbon accounting* since 2011.

# Structure a sustainable roadmap

Know *your Plan & navigate* in the *right direction*,

Efficiency Improvement

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Nature-Based Solution

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Climate technology

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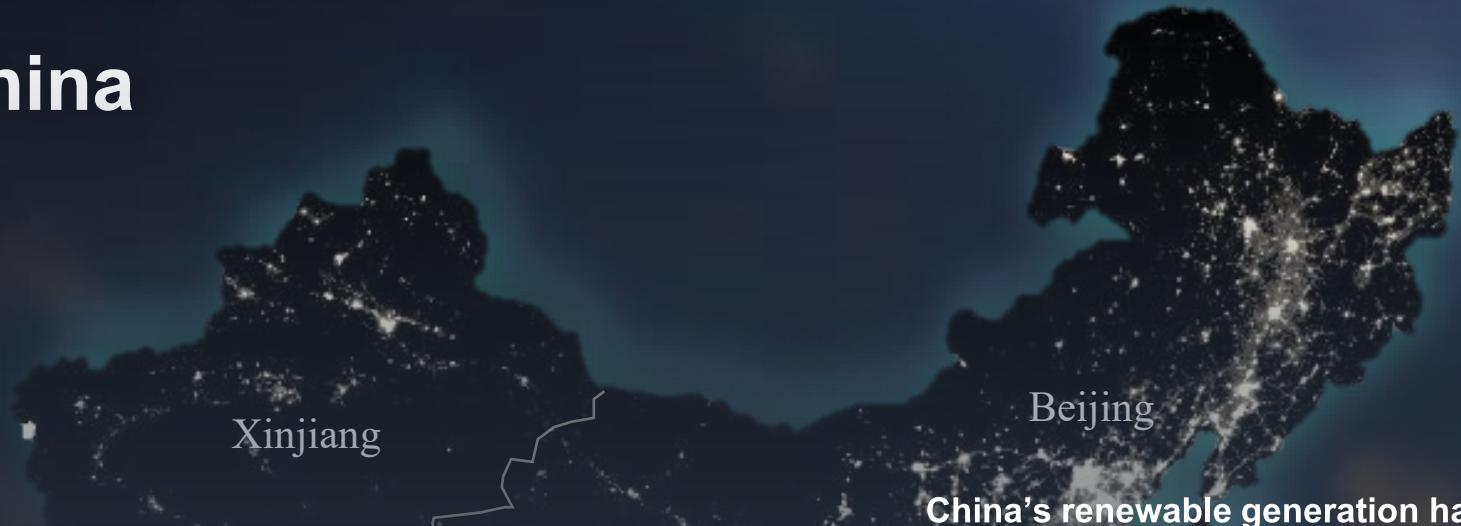
# Fully integrated Ecosystem Across Supply Chain

Collaborate with *the stakeholders* for Sustainable Ecosystem: Scope 3



Carbon Footprint Organization  
*(CFO)*  
+  
Carbon Footprint Products  
*(CFP)*

# China is bridging the space by transferring energy from Xinjiang to central China



Xinjiang

Beijing

China's renewable generation has increased over the past decade reaching 50% with 1 billion USD subsidy in 2023\*

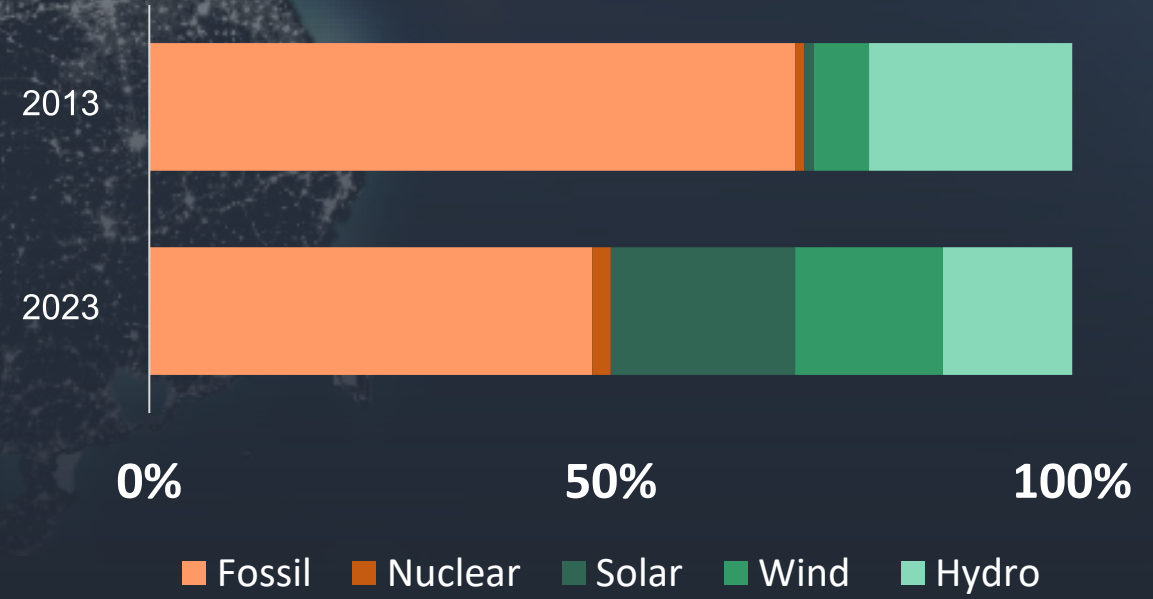
World's largest Solar project in China's Xinjiang region



3.5 GW Midong solar project



5 GW Midong solar project



\*Source: S&P Global

# Oil & Gas: Bridging Supply and Demand Globally



# Renewable Energy: Bridging over the space and time

**China has the largest renewable generation.** Plan to develop transmission networks to connect with central Asia.

**Chile has the lowest cost of producing green hydrogen** (forecast around 1.05 \$/kg by 2030) and could become an exporter.

**Australia Invests in Australia-Asia PowerLink** to Supply Solar Energy to Singapore



# Energy consumption will still rely on liquid fuels

To ensure energy security,  
accessibility and sustainability.

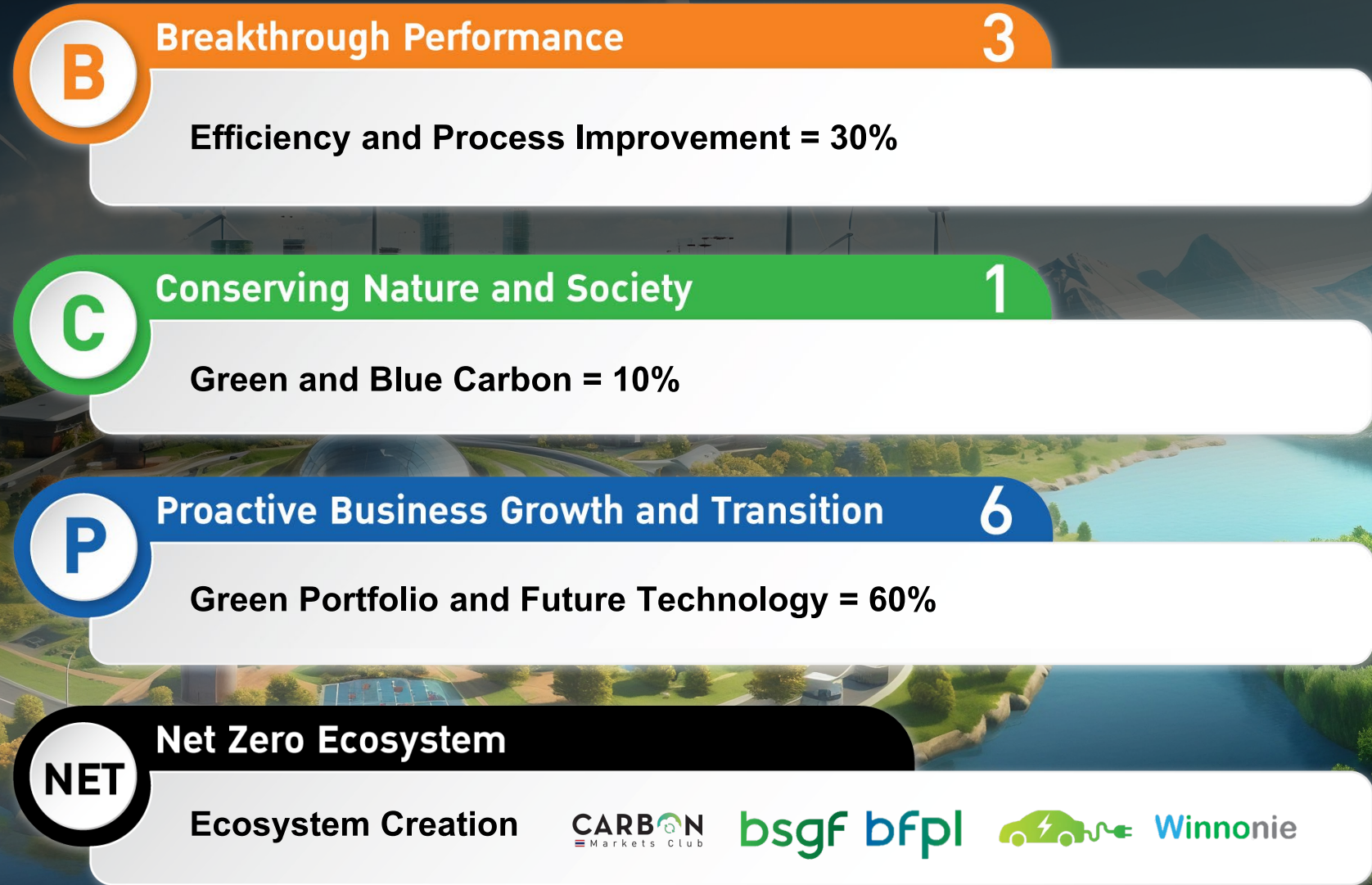


**the liquid form** is crucial in  
mobilizing energy sources.



Clean Molecules

# Pathway to NET ZERO in 2050





# Investment to Drive Carbon Roadmap



230 MB/Y

- Energy Efficiency
- Renewable
- Biogas Recovery

2015-2024

- Energy Efficiency
- Renewable
- Biogas Recovery & Biomethane
- Green Electron (Utility Green Tariff)

2025-2028

- Carbon Capture Storage and Utilization (CCUS)
- Pilot Hydrogen
- Carbon Credit (Offset)

2029-2030

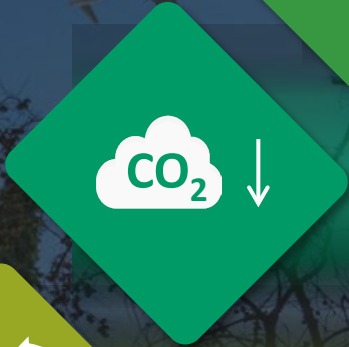
# Flying Sustainably with Thailand's **FIRST SAF** Producer

“WIN-WIN” solution is the true *sustainable* answer:

*Reduce Scope 3 Emission*



Earn additional income **IRR ~33%**

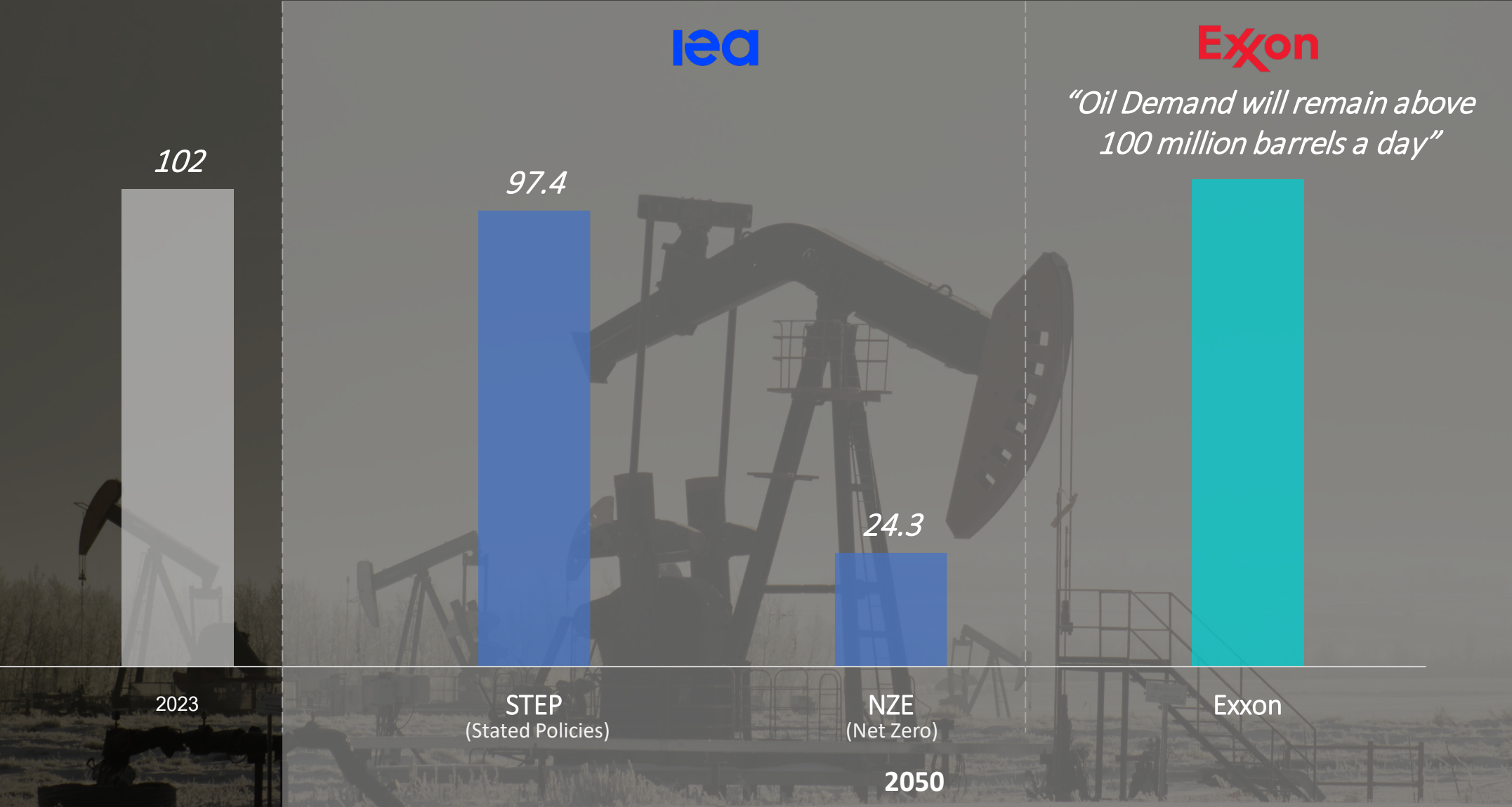


Reduce **80,000 tons CO<sub>2</sub>/year**



Address **BCG Economy**

# Global Oil Demand will be the same level





## Mission:

*“To accelerate the world’s transition to sustainable energy.”*

*Trump said, “Tesla makes great products, but that “doesn't mean everybody should have an electric vehicle.”*



*Musk said “The Green energy transition was moderate and that the oil and gas industry should not be vilified”*

*“The world has a certain demand for oil and gas, it is probably better if the United States provides that than some other countries”*

