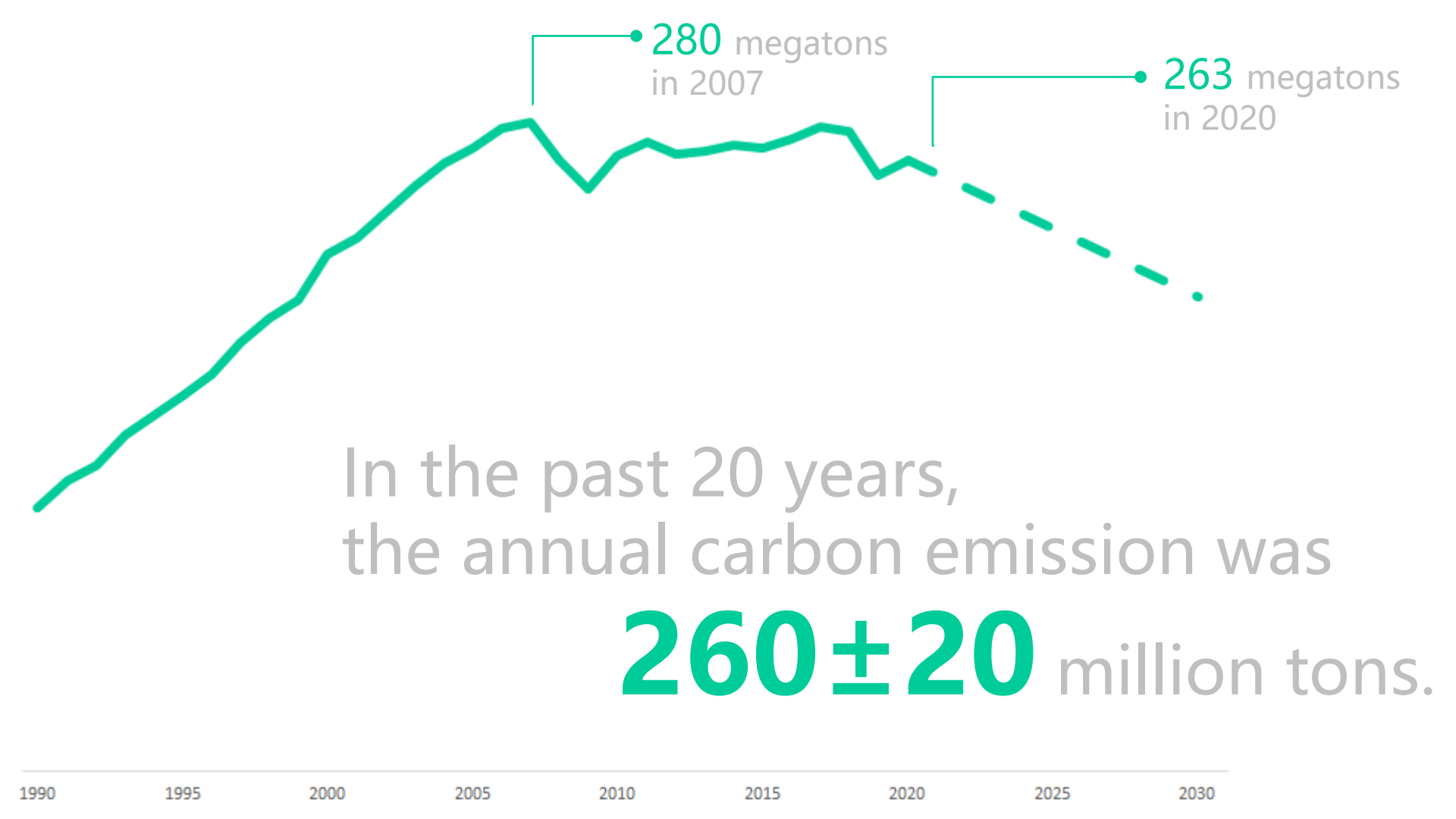
Carbon Neutrality

Policy & Technology

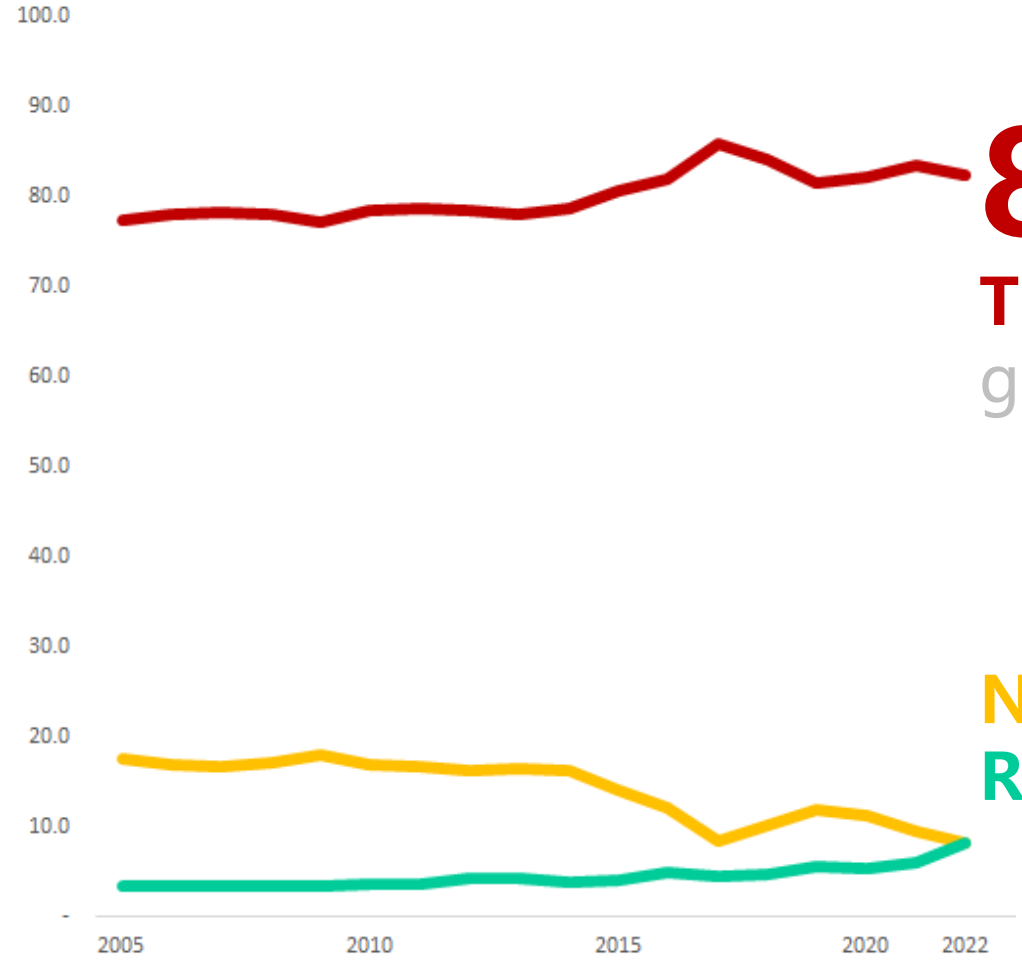
Chinese Taipei

Yu Hsiang-Wei
Bureau of Energy (BOE)



In the past 20 years,
the annual carbon emission was

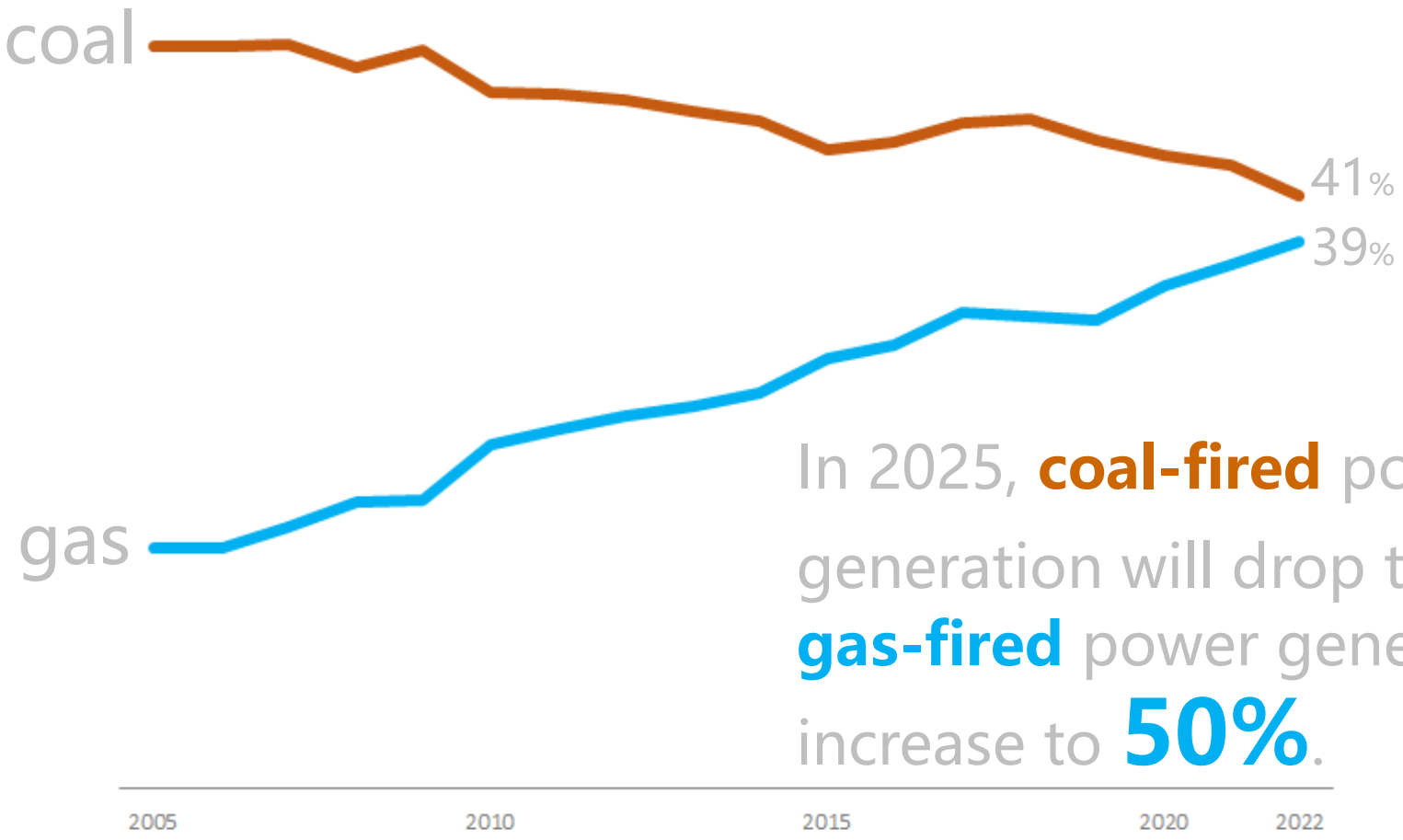
260±20 million tons.



80%

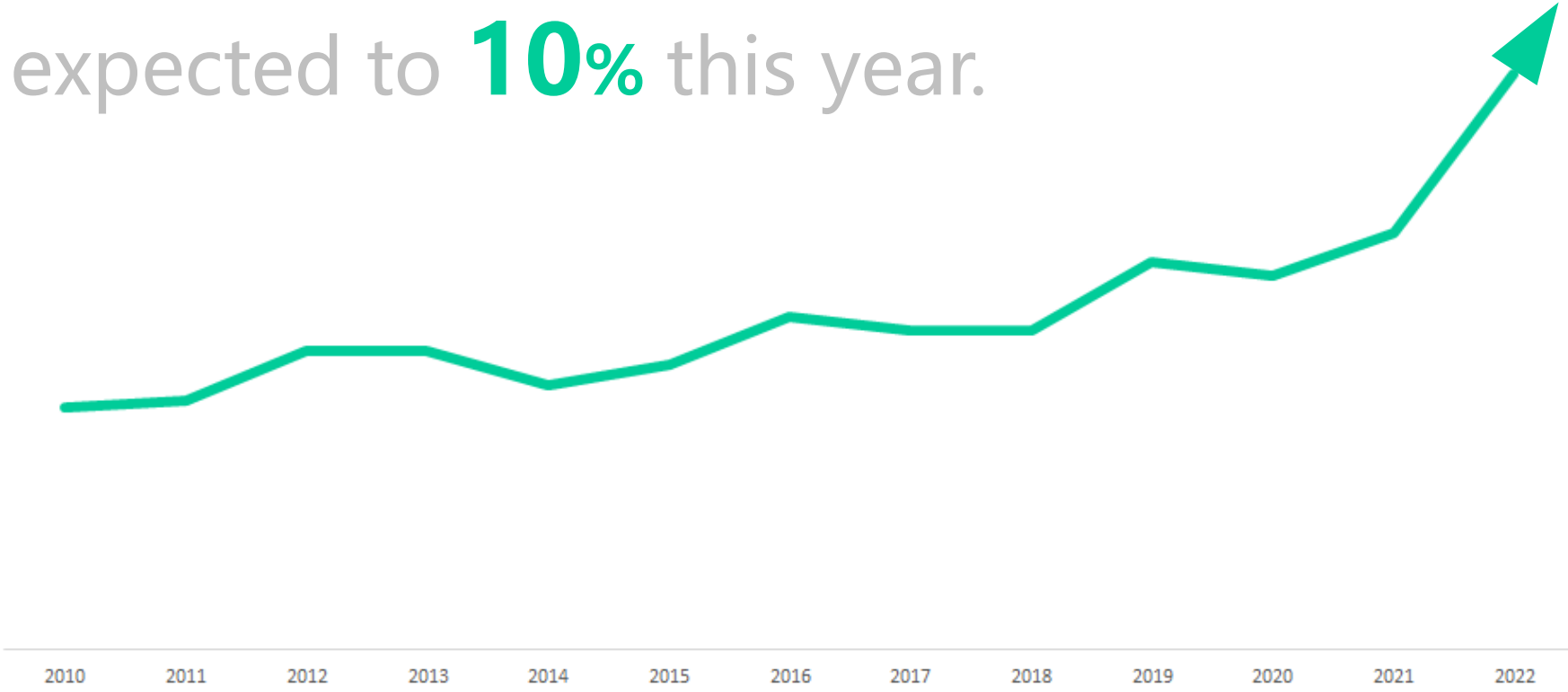
Thermal power is the main generation type.

Nuclear Power &
Renewable Energy
at the **tipping point**.



In 2025, **coal-fired** power generation will drop to **30%**; **gas-fired** power generation will increase to **50%**.

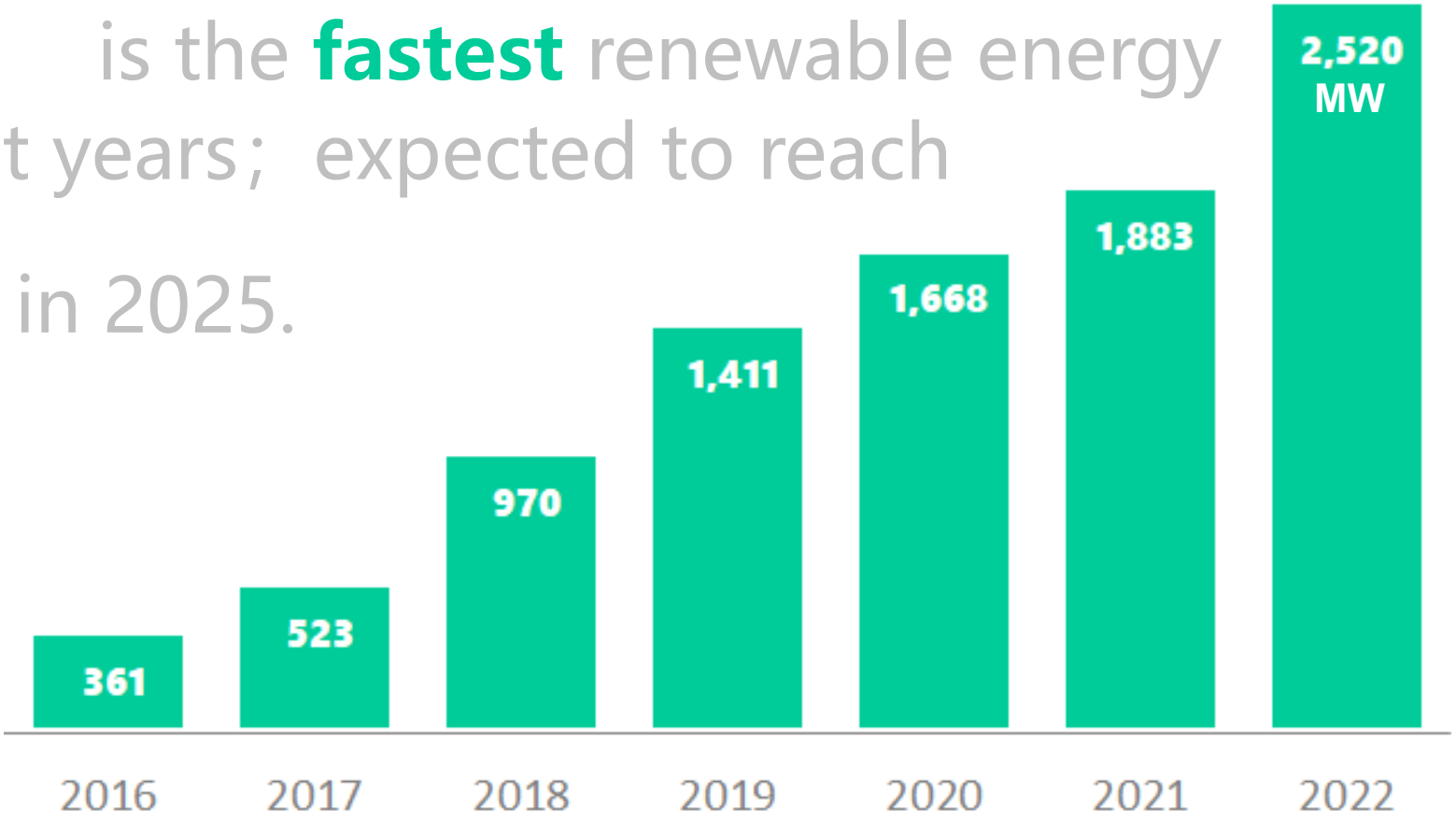
In 2022, **renewable energy** has reached to **8%** expected to **10%** this year.



We announced
2050
NET ZERO
target;

Proposed
12
KEY
STRATEGIES.

PV is the **fastest** renewable energy in recent years; expected to reach **20GW** in 2025.



Offshore wind

200+ offshore wind turbines installed, accumulating about 1.5GW; expected to **5.6GW** in 2025.

Ørsted 沃旭能源

SRE Synera Renewable Energy

skyborn renewables

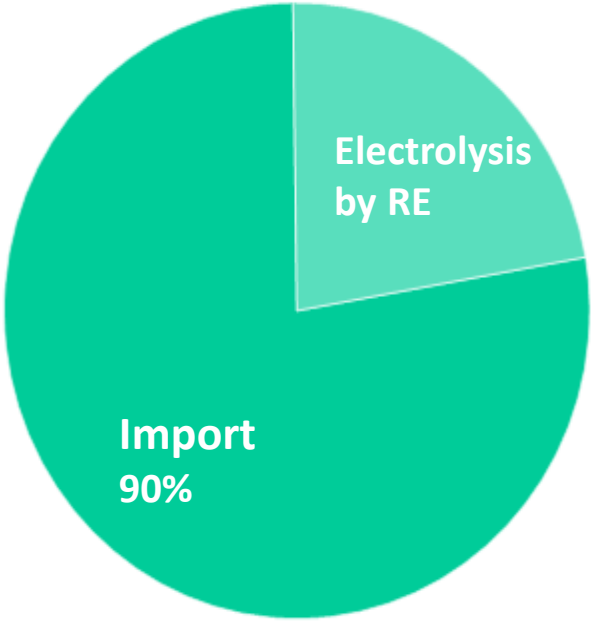
CORIO

CIP COPENHAGEN INFRASTRUCTURE PARTNERS

JERA Energy for a New Era

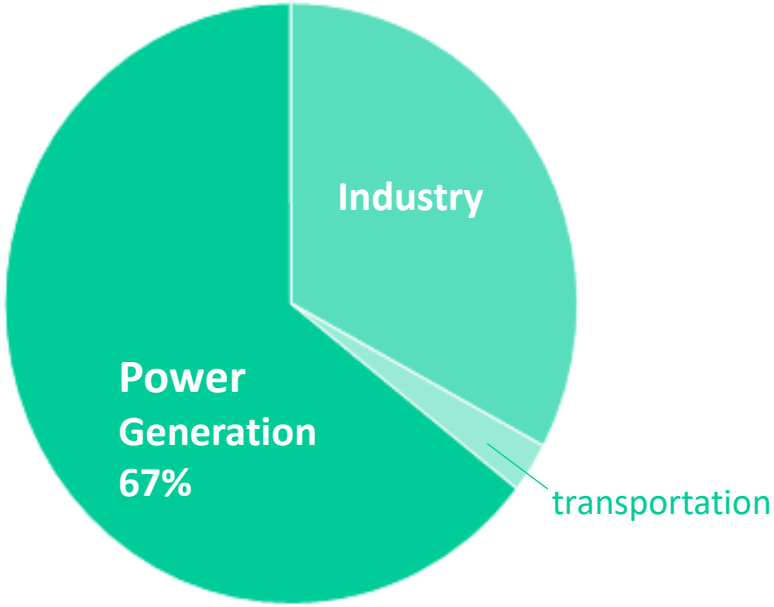
NORTHLAND POWER

Hydrogen generation will reach 9-12% in 2050.



H_2 SUPPLY

3.6
megaton/yr.



H_2 NEED

Innovative energy

Geothermal

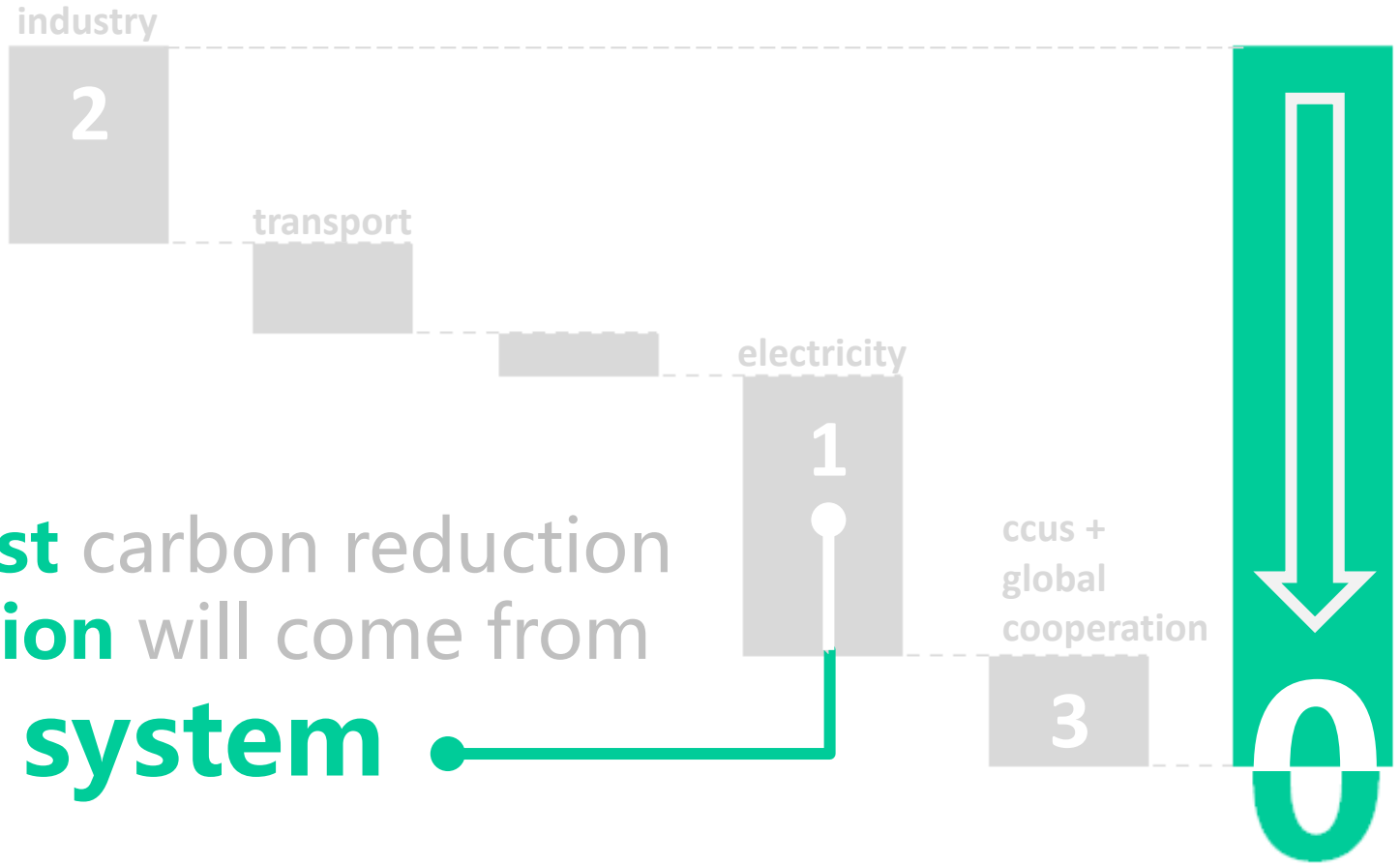
1. Optimizing Regulatory Environment
2. Increase Drilling Capacity in the Short-Term

Biomass Energy

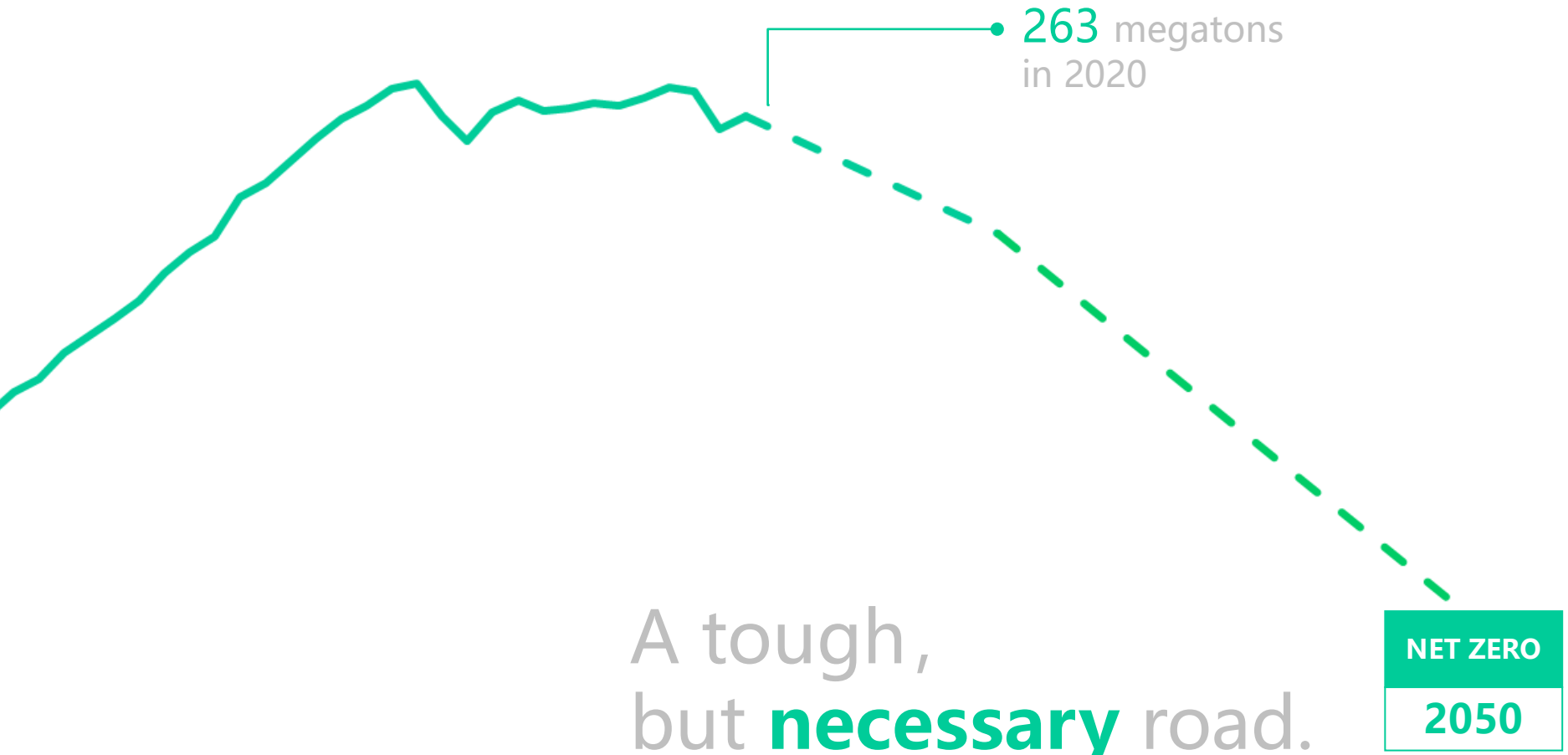
1. Establish a Large-Scale Dedicated Combustion System
2. Stable Supply

Ocean Power

1. Inventory of Potential Sites
2. Key Technology R&D



The **largest** carbon reduction **contribution** will come from **power system**



A tough,
but **necessary** road.

THANK YOU!

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