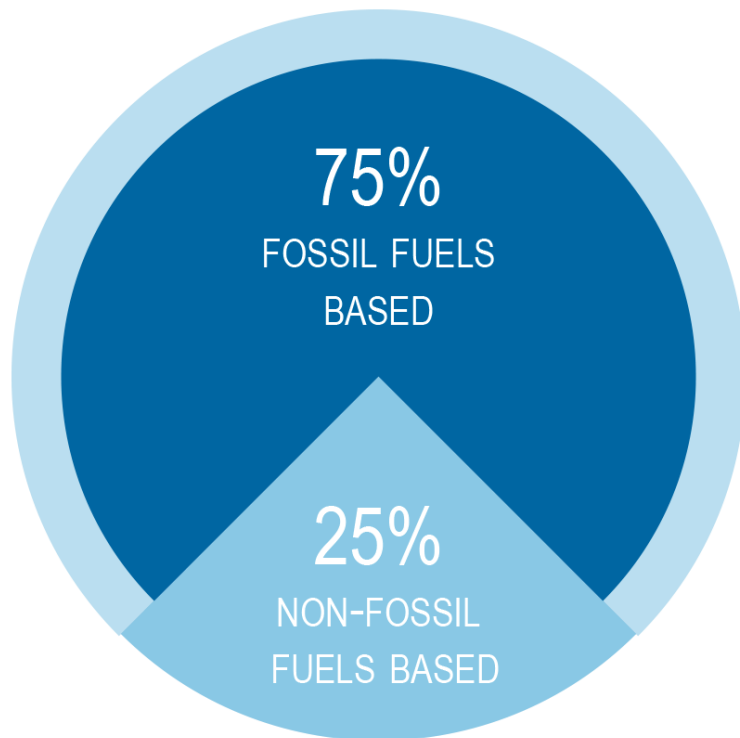


REACHING NDC ENERGY AND MITIGATION GOALS

***DRIVING CLIMATE INNOVATION IN DEVELOPING COUNTRIES
THROUGH OXY-COMBUSTION CARBON CAPTURE TECHNOLOGY***

***UNITED NATIONS CLIMATE CHANGE CONFERENCE
COP 22 – MARRAKECH, MOROCCO – NOVEMBER 15, 2016***

THE CHALLENGE TO LOW-CARBON GROWTH



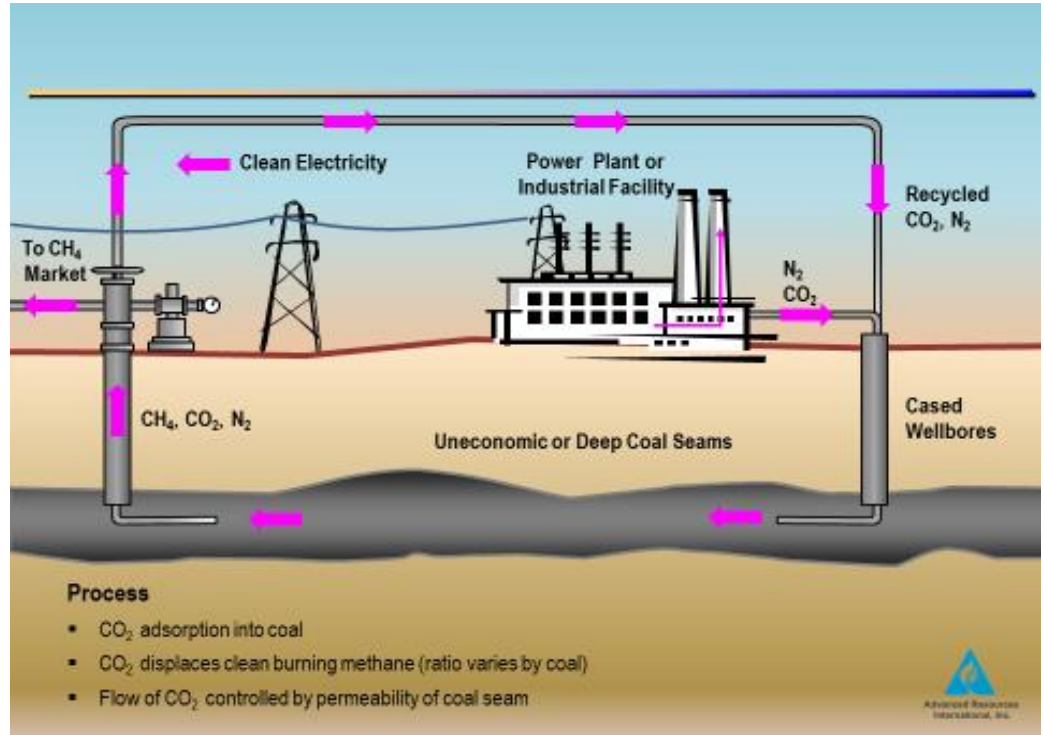
PROJECTED GLOBAL ENERGY USE IN 2040

***SOURCE: IEA WEO 2015
INTERNATIONAL ENERGY AGENCY
WORLD ENERGY OUTLOOK 2015
EXECUTIVE SUMMARY
CENTRAL SCENARIO***

THE CHOICE

EMIT OR USE IT?

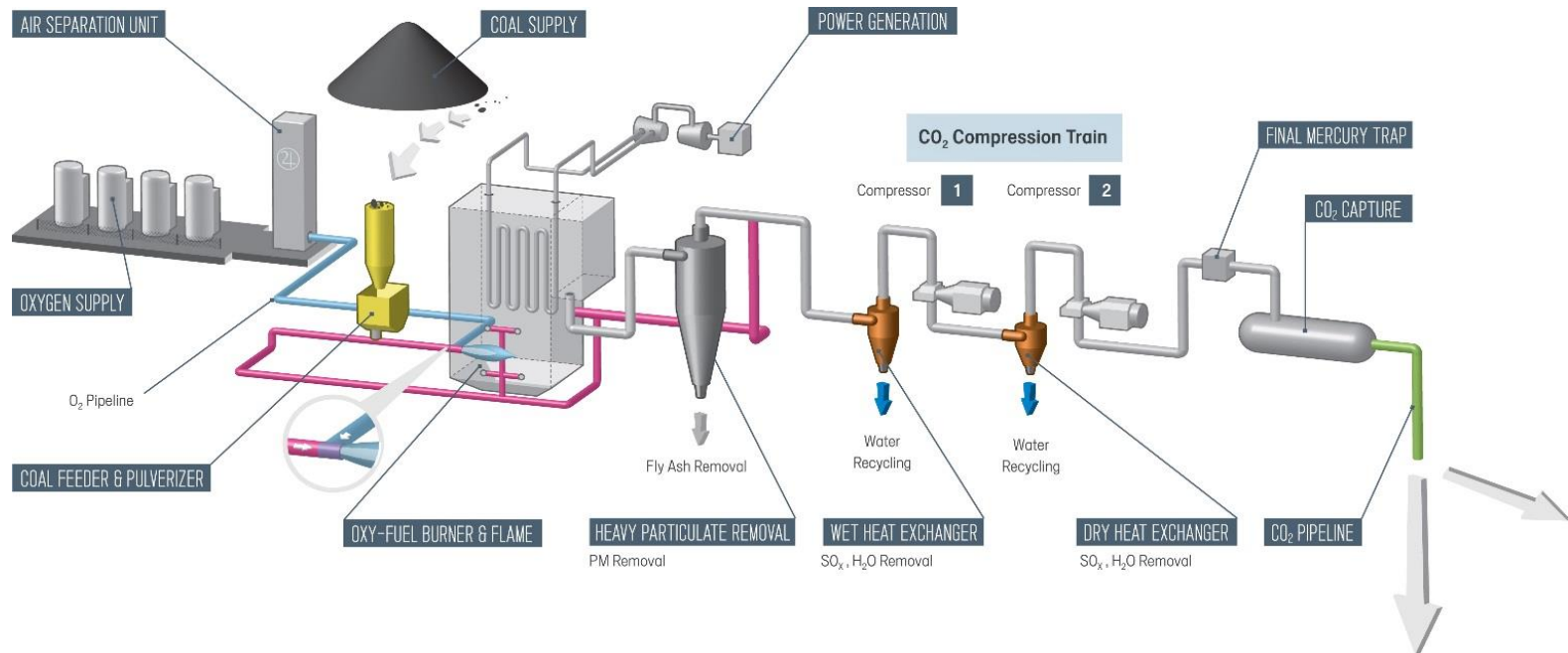
CO₂ UTILIZATION FOR ENHANCED COALBED METHANE RECOVERY (ECBM)



► TURNING CARBON WASTE INTO A COMMODITY

A COST EFFECTIVE CLEAN-COAL PATHWAY

JOC OXY-COMBUSTION BASED CARBON CAPTURE



● Flue Gas Recirculation
 ● Latent Heat Recovery
 ● O₂ Pipeline
 ● Water Recycling
 ● CO₂ Pipeline

CO₂ Underground Storage and Use

- Specific Geological Formations
- Enhanced Oil / Natural Gas Recovery
- Enhanced Coal Bed Methane (ECBM) Recovery
- Algal Biomass Industry
- Submarine Extraction of Methane from Hydrate

BEYOND TALK, ACTION

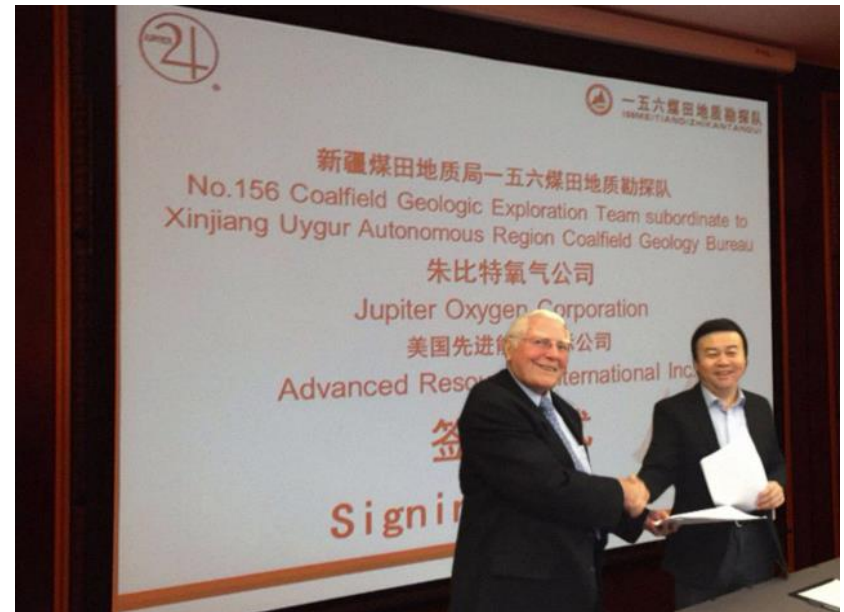
WORLD'S FIRST COMMERCIAL SCALE PROJECT

► WESTERN CHINA

**Retrofit of coal-fired power plants
with Jupiter's oxy-combustion
and CO₂ - capture technologies**

**With CO₂ Utilization for Enhanced
Coalbed Methane (ECBM) Recovery**

- **First commercial full-scale ECBM project in the world**
- **Next: India!**



POLICY AND FINANCING TOOLS ARE ESSENTIAL FOR ACCELERATED TECHNOLOGY DEPLOYMENT

- ▶ ***POLICY PARITY WITH RENEWABLE ENERGY NEEDED***
- ▶ ***UN TECHNOLOGY MECHANISM: KNOWLEDGE SHARING***
- ▶ ***CCS TRUST FUND: CRUCIAL FOR CAPACITY BUILDING***
- ▶ ***GREEN CLIMATE FUND:***

INSTRUMENTAL FOR WIDER CCUS TECHNOLOGY DEPLOYMENT IN COAL DEPENDENT EMERGING ECONOMIES

MORE INFORMATION AT WWW.JUPITEROXYGEN.COM

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