



# NEW PARTNERSHIP MODELS FOR THE ENERGY TRANSITION

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# UAE CLIMATE LEADERSHIP

A STRONG FOUNDATION OF REGIONAL CLIMATE ACTION



## GCC's "First Mover" in Climate Policy

- UAE to host **COP28 UN Climate Conference** in 2023
- First in the region to sign and **ratify the Paris Agreement**
- First in region to announce **Net Zero by 2050** Strategic Initiative
- First in region to commit to economy-wide reduction in emissions: **23.5% absolute emission** reduction by 2030 (vs 2016 BAU)



## Growing Hub for Decarbonization

- Home to three largest and lowest cost **solar plants** in the world
- First industrial-scale **green hydrogen** project announced May 2021
- World's largest virtual **battery storage** plant (108 MW capacity)
- Invested over **\$17 bn** in clean energy projects across the world

# ADNOC IN THE ENERGY TRANSITION

DECARBONIZING OUR OPERATIONS WHILE MEETING DEMAND FOR NEW ENERGY



## Reducing Existing Carbon Footprint

- Plan to reduce operations emissions **intensity 25% by 2030**
- **\$3.6 bn** power project to **decarbonize offshore operations over 30%**
- Clean grid power supply from **nuclear and solar** since January 2022
- First **commercial iron & steel CCUS**, first CCUS in region (0.8 MTPA), with plans to expand CCUS capacity **500% by 2030**



## Growing New Clean Product Portfolio

- Masdar partnership to target **+50 GW of renewable energy by 2030**
- World-scale (1.0 MTPA) **low-carbon ammonia facility** at TA'ZIZ with partners Mitsui, GS Energy, and Fertigllobe
- Since **August 2021**, multiple **low-carbon ammonia cargos** to Japan and Korea
- Collaborating with BP and Masdar to develop up to **1 GW clean hydrogen hubs** in the UAE and UK

# ENERGY TRANSITION TO TRANSFORM PRODUCER-CONSUMER RELATIONSHIPS

CLIMATE CHALLENGE REQUIRES DEEPER COLLABORATION ACROSS VALUE CHAINS



**O&G:**  
*Hydrogen Council, CCUS Institute*



**Aluminium:**  
*Aluminium for Climate*



**Concrete/Cement:**  
*Cement Action for Climate*



**Chemicals:**  
*Low Carbon Emitting Technologies*



**Steel:** *Net Zero Steel Initiative*



**Aviation:**  
*Clean Skies for Tomorrow*

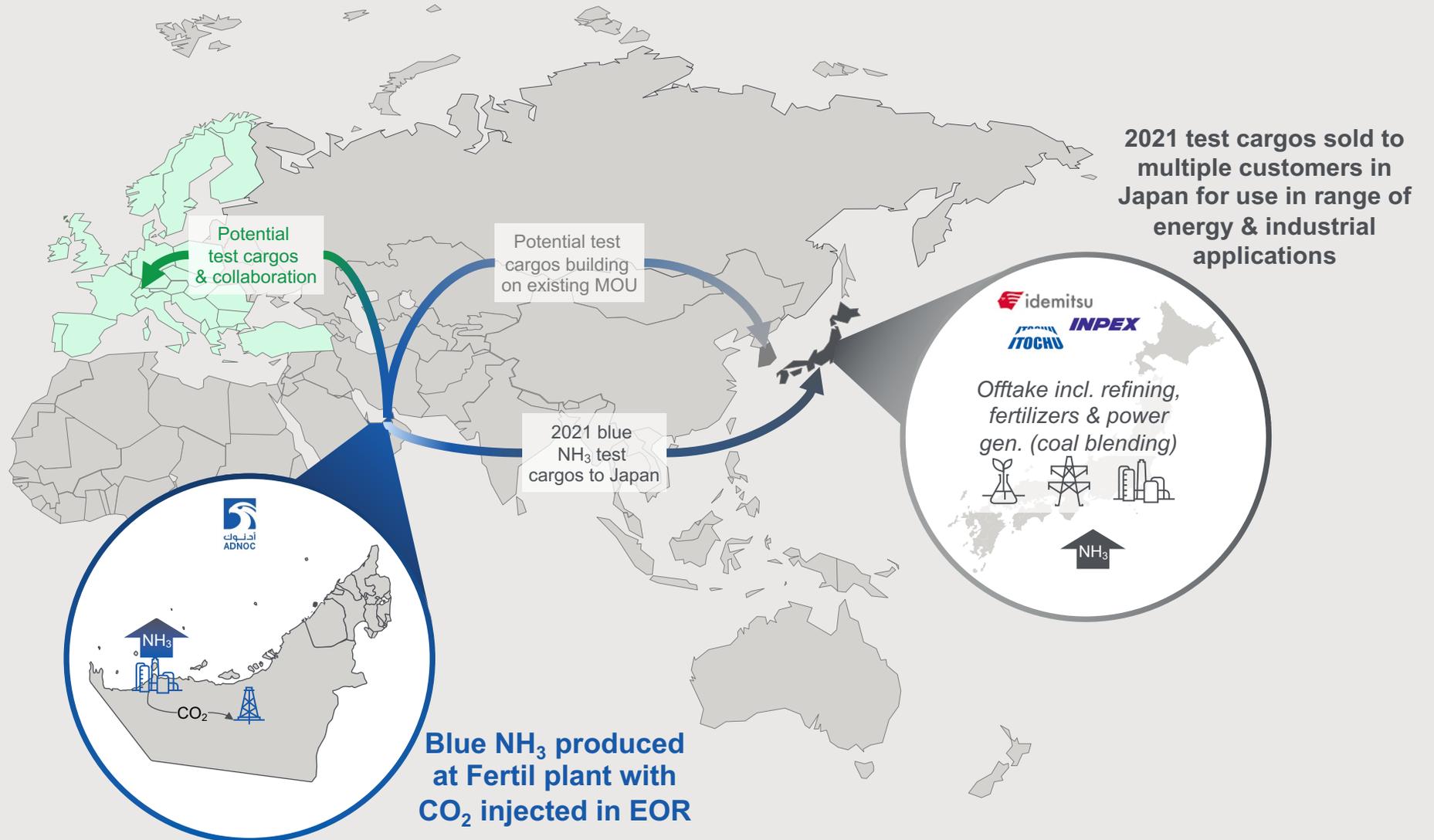


**Shipping:**  
*Getting to Zero, World Ports Climate Action*



**Heavy Road Transport:**  
*Road Freight Zero*

# CASE STUDY: LOW-CARBON NH<sub>3</sub> TO JAPAN



# NEW PARTNERSHIPS DRIVING NEW OPPORTUNITIES FOR GROWTH

## SECTORS

↑  
CCS HUBS

↑  
HYDROGEN

↑  
ELECTRIFY

↑  
FINANCE

↑  
TRADING

↑  
TECHNOLOGY



**THANK YOU**