



3RD PARTNERS' MEETING AND STAKEHOLDERS FORUM



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Energy Sector Management
Assistance Program



3rd Partners' Meeting and
Stakeholders Forum
Bogota, Colombia | April 2024



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Ammonia Sector Transition



Mission Possible Partnership published its *Ammonia Sector Transition Strategy* in 2022, with AEA support, endorsed by many AEA members.

Ammonia is unlike other commodities:

- We need to decarbonize ammonia for existing applications, including fertilizer. This addresses 1% of global emissions today.
- But decarbonized ammonia can also replace fossil fuels in new applications, addressing broader global emissions.

While existing markets will see growth, bigger opportunities exist for ammonia as a fuel for shipping and power, and as a hydrogen carrier.

know the full



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Egypt Regulatory and policy framework-1/2

1) Egypt Low-Carbon Hydrogen strategy:

- Targeting up to **8% (5.6 MTPA)** of the tradable market by 2040 and requiring **around 60 USD billion of investment**
- **Demand:** Approx 80% for H2 derivatives, the rest are for blending with gas, refineries, steel, and heavy-duty vehicles. **Demand sectors** include industry, transport and stabilizing power grid, and longer storage duration.
- **Aspired Benefits:** 1) Boosting GDP by 10-18 bn USD by 2040; 2) Create 100,000 Jobs; 3) Enhance energy security; 4) Support decarbonization.

	2020	2040
GDP (Bn USD)	1,100	1,700
Exports (Bn USD)	1,100	1,700
Imports (Bn USD)	1,100	1,700
Balance (Bn USD)	0	0
Energy Security (Bn USD)	1,100	1,700
Decarbonization (Bn USD)	1,100	1,700

- Phases:** Joint project in 2020; start-up in 2030; and full market implementation in 2040; the following pillars:
- **Capitalizing on:** Leveraging experience on Grey H2, DAB potential, 2 proximity to Europe and maritime traffic in Suez Canal, and 4 infrastructure including ports.
 - **Minimize barriers:** access to 85 land, governance structure for faster decision on projects, prioritize regulations that provide certainty and flexibility to investors.
 - **Mobilizing investments:** 1) work with investors to develop financing mechanisms to de-risk and improve project profitability; and 2) ensure compliance with international standards 'guaranteed'.
- ** The strategy on NG market:**

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2. Ministry of Energy

2025

5,000
USD
millions

5 GW

200
MW

Top
destination for
green investments

Attractive to all
types of investors

Second in region of
green investment

Leader in
production of
green energy

2030

2,500
USD
millions

25 GW

<1.5
MW

Top
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Attractive to all
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Second in region of
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