

SC°ZONE'



Green practices and Sustainable port operations at East Port Said Port

**MEDports Association Technical Seminar
Green Transition for Maritime Transport.**

CAI 30°02'32"N 31°13'57"E

SUZ 29°42'49"N 32°18'17"E

PSD 31°15'33"N 32°18'10"E

المنطقة الاقتصادية
لقناة السويس
SUEZ CANAL ECONOMIC ZONE

Green practices and Sustainable port operations at Port Said East Port

- **Agenda**
- Who we are?
- Where we are in terms of sustainability?
- Where we want to be?



24th April 2022

SC°ZINE'

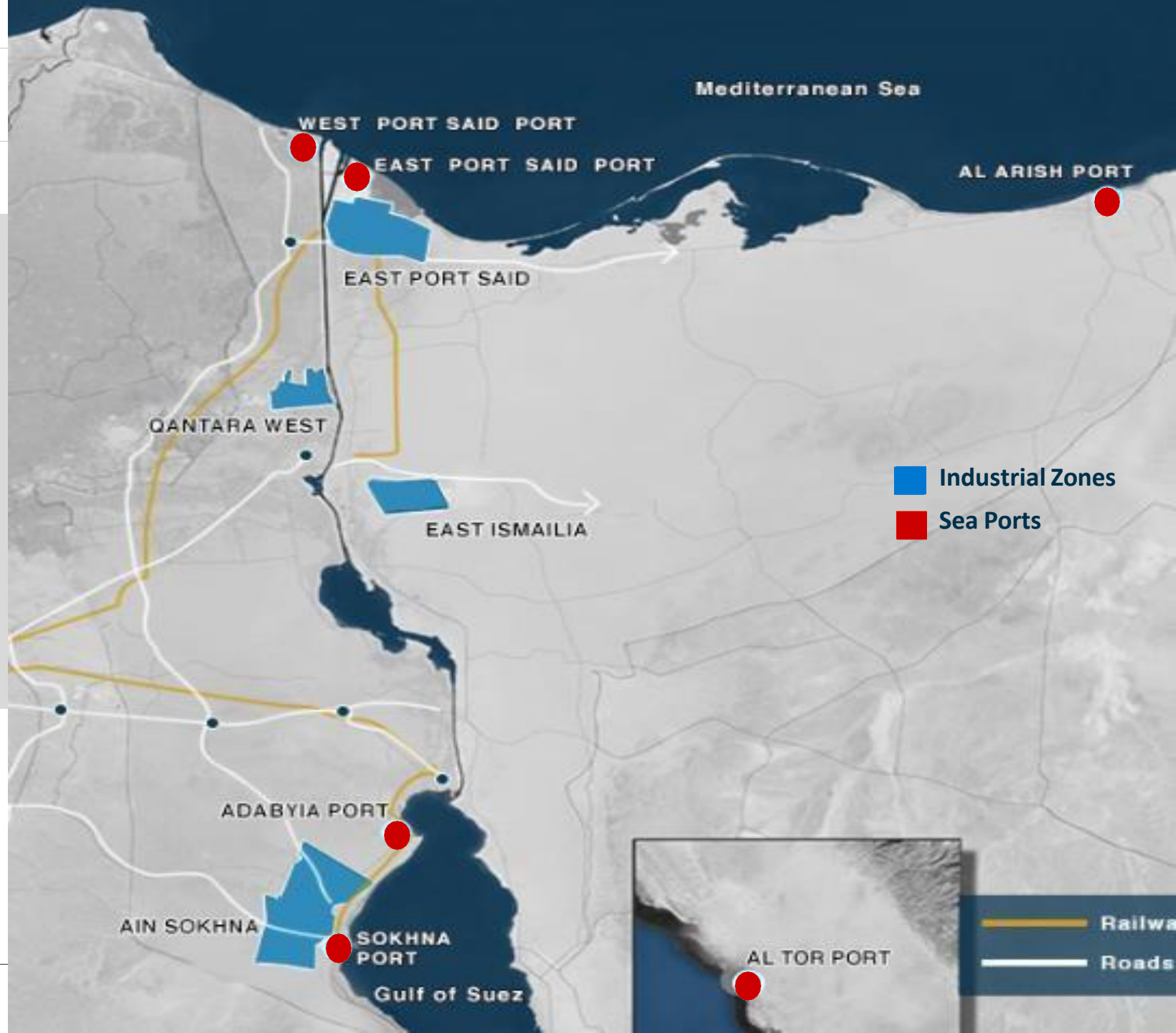
Green practices and Sustainable port operations at Port Said East Port

المنطقة الاقتصادية
القناة السويسية
SUEZ CANAL ECONOMIC ZONE

SUEZ CANAL

ECONOMIC ZONE

- With total area of 461 km² including:
 - 4 Industrial Zones
 - 6 Sea Ports
- Distributed around the main international maritime route
- Over 20.694 / 2021 ships passing through annually.
- 1.27 Bn Tons / 2021

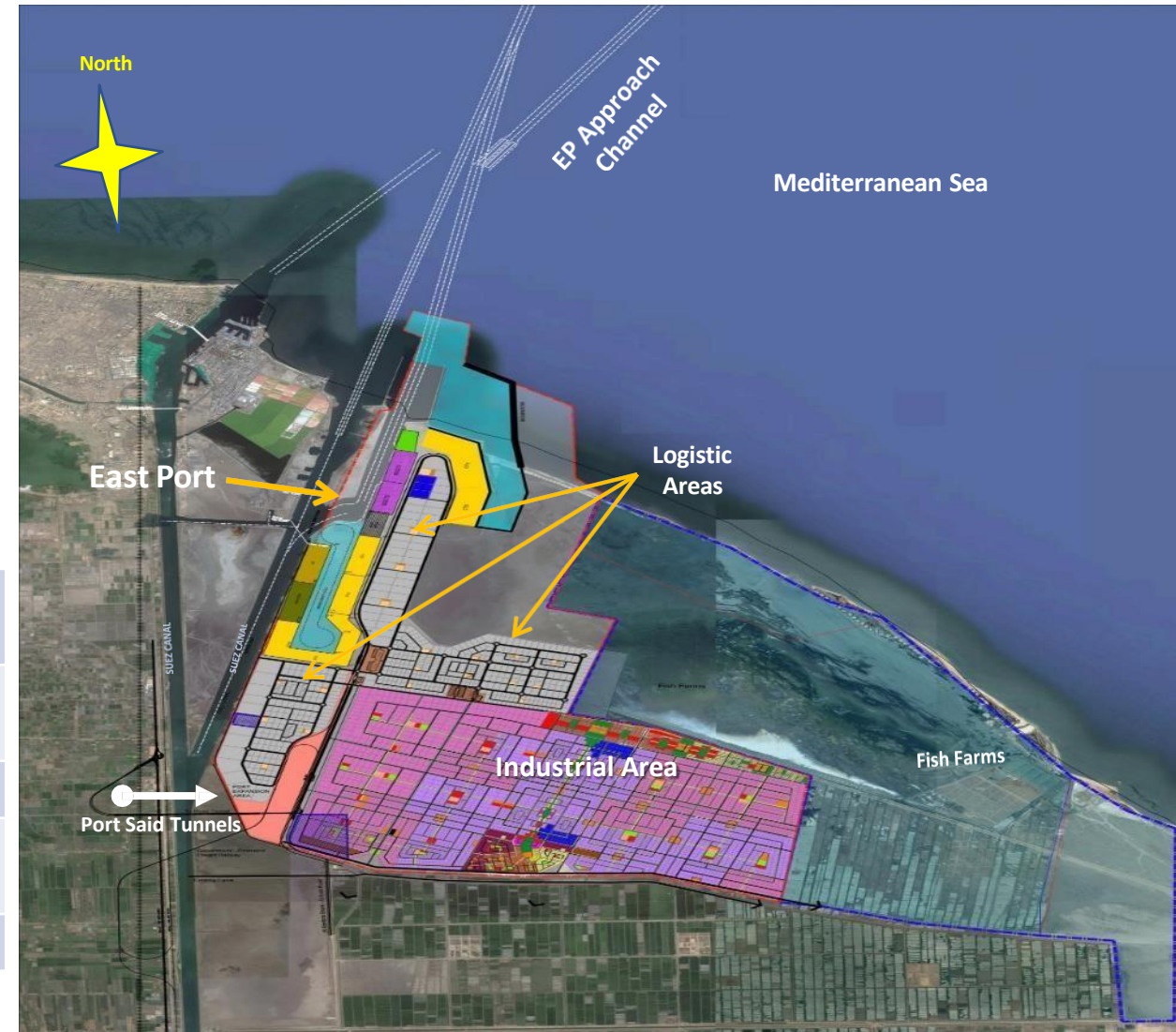


EAST PORT SAID INTEGRATE ZONE

- Promising investment zone with total area of 145 km², located 10km away from the northern entrance of the Suez Canal. Port - 14 km² Land Area / 16 km² Water area / Depth 18.5m – to be 22m - 3 logistics zones = 24 Km² 4.9 Kn. Mile Approach channel – enhance efficiency
- The rising star with integrated port/ logistics/ industrial zones to serve Mediterranean Sea area, East Africa, Middle East and Eastern Europe.
- The industrial zone earmarked for light and medium manufacturing, commercial and business activities with the capacity **to create over 80k jobs.**

Potential manufacturing activities and a wide range of industrial clusters in:

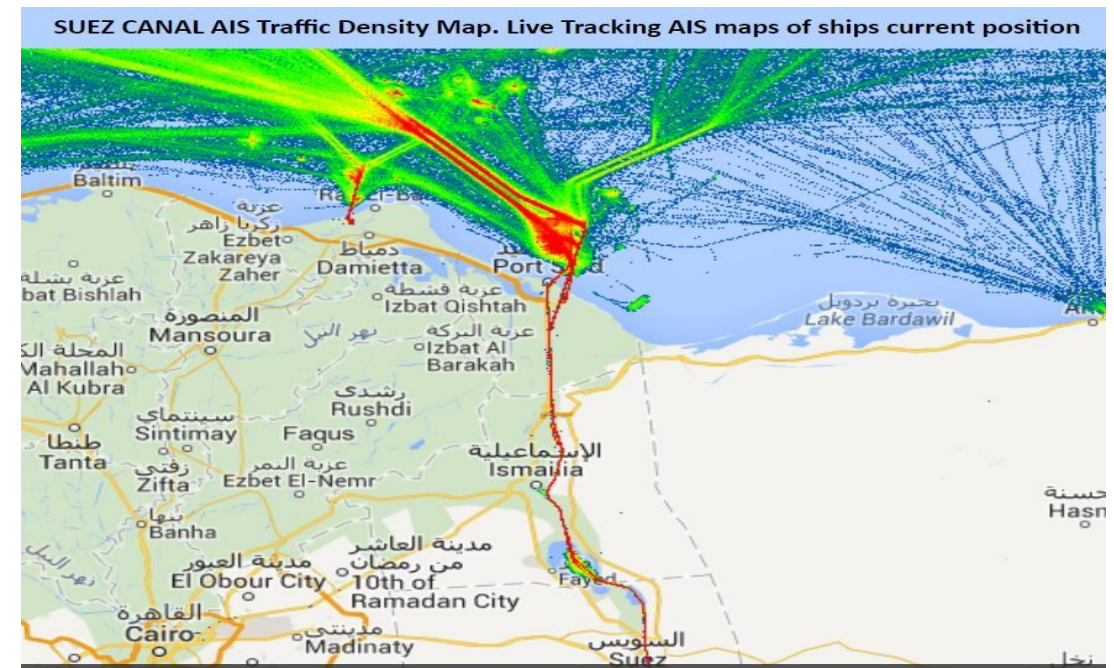
Automotive Assembly/ Feed Industry	Engineering Equipment & Machinery	Robotics/ Automation
Construction & Building Materials	Textiles & Ready-Made Garments	Home Appliances & Electronics
Electric Power Industry	Pharmaceuticals	ICT/ Hardware
Food Processing	Logistics Hub & Services	Value Add Activities
SME Cluster Park Development (All Value Chain Activities)		



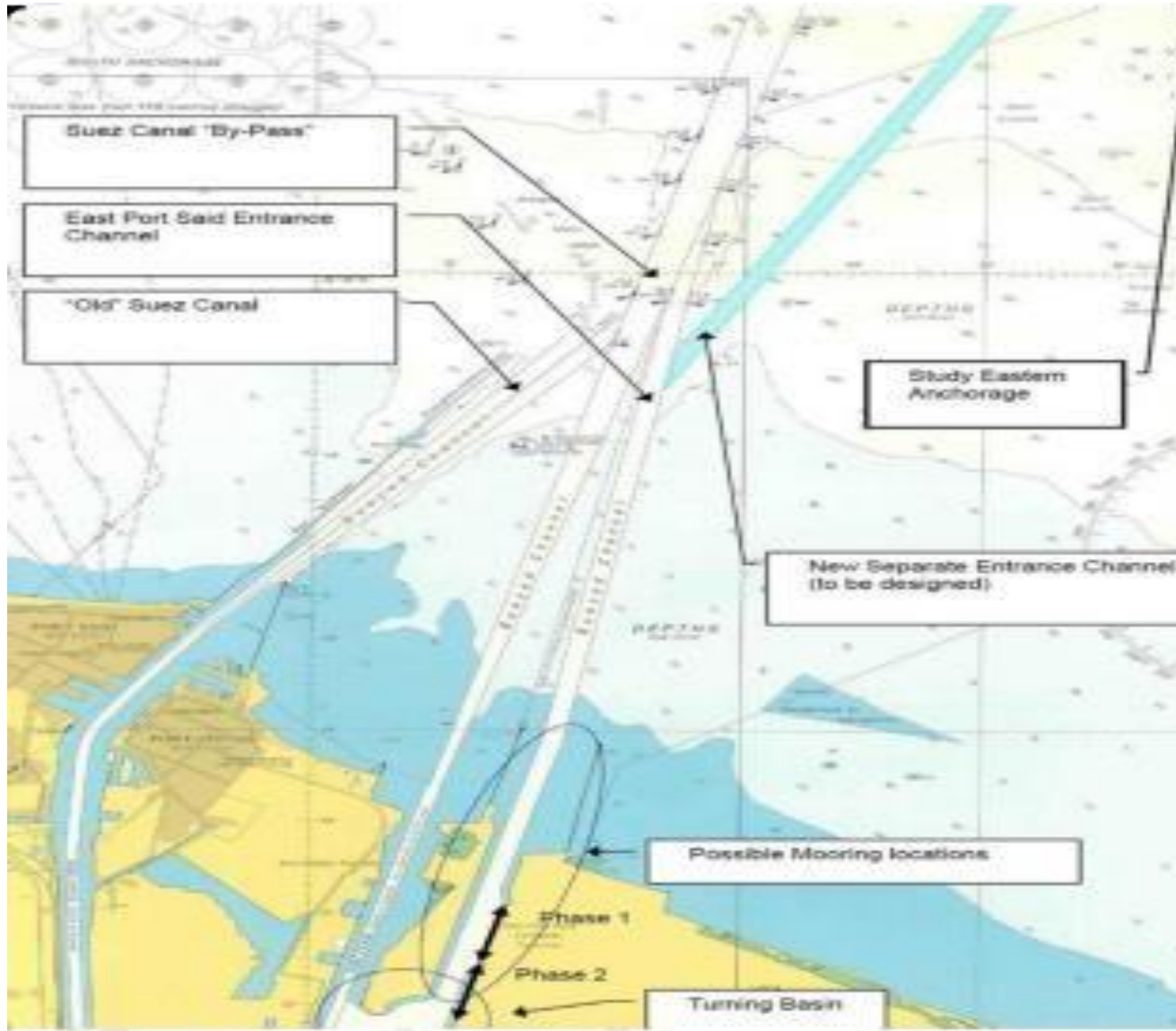
Sustainability for the globe

While more than 80 % of the world trade volume is transported via waterways (seaborne trade) The Suez canal is one of the busiest waterways in the world, accounting for about 12% of world shipping traffic with Over 20.694 / 2021 ships passing through carrying 1.27 Bn Tons. SC last year celebrated the 152nd anniversary with over 1.4 million ships transited the waterway since 1869.

Port Said with its unique geographical position of the Suez Canal an important international navigation canal linking the east and the west at Port said Port.



• Port Efficiency



Feb 2016 – 75 days only

Port Said East Port open new Approach Channel – 4.9 Km. Miles reduced waiting time from 14 hours in 2015 to be less than 3 hours in 2021.

Waiting time "0" by Doubling the channel under feasibility study for less waiting time – less emissions – more efficient Port .

Wider roads – less idle time less logistics cost – less greenhouse gasses emissions



- Port Said East Port – 2015

Poor connectivity – ferries only



SUSTAINABILITY / BUSINESS CONTINUITY – 17 CONNECTIVITY

ALTERNATIVE

STABLE BRIDGES, FLOTTING BRIDGES, UNDERRIES –

CONSTRUCTION).

<<< To Alexandria City



Sinai- North
↑
↓
Sinai- South

2017 – Port vision to be the first Sustainable & green port in Egypt
 Economic Development
 Social stability / Creating jobs
 Monitoring Green Port measures

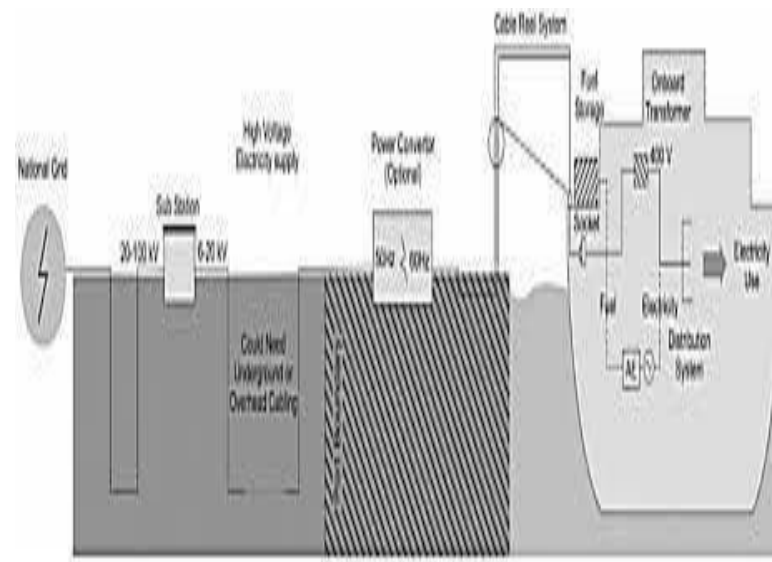


Green port measures

- Port staff training
- Air pollution
- Water pollution
- Noise pollution
- Land and sediments pollution
- Materials selection
- Water consumption
- Energy usage
- General waste handling
- Hazardous waste handling
- Habitat quality
- Port greenery
- Community promotion and education



5 km New Quay - Provide shore power / Handle on board sewage / Manage ballast water



- Set up air quality monitoring system



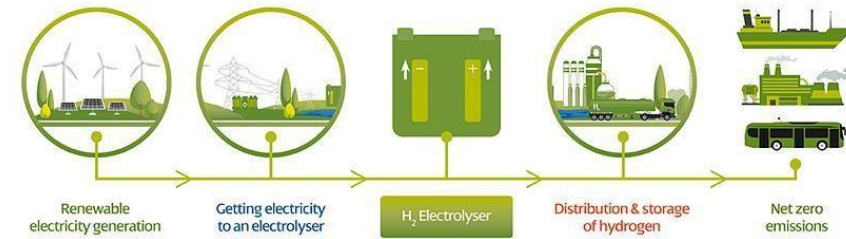
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- Service assistant inside**
Make your use simple
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Think with consideration for the environment
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Egypt -- has set its eyes on the green economy and allocated areas for producing green hydrogen in Suez Canal Economic Zone (SCZone). Green hydrogen made without fossil fuel — has long been described as the fuel of the future for being with clean-burning.

What is green hydrogen

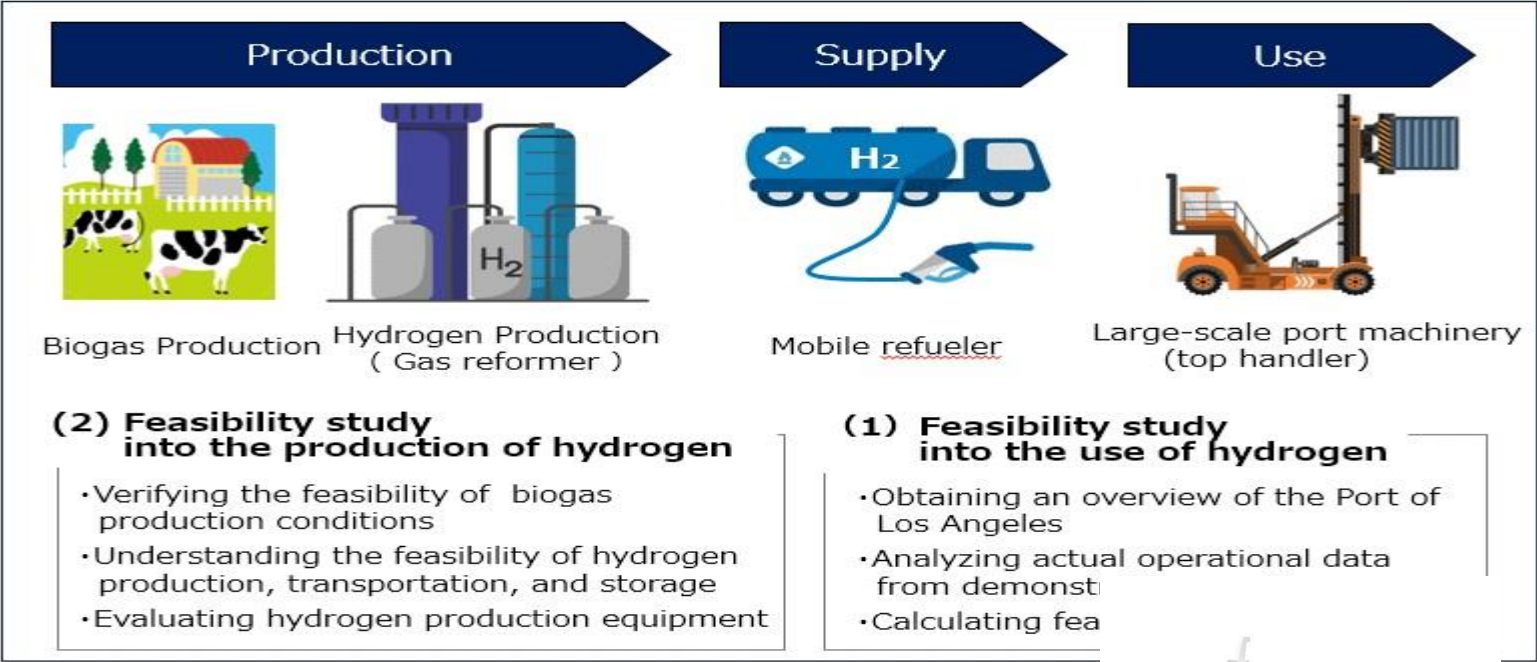


**March 2022: Bundle of incentives for trucks using green energy .
IMO new regulations April 2022**

Targeting Energy Efficiency Design Index (EEDI), formulated for new ships, to estimates grams of CO₂ per transport work (g of CO₂ per ton-mile). It can be expressed as the ratio of “environmental cost” divided by “Benefit for Society”.



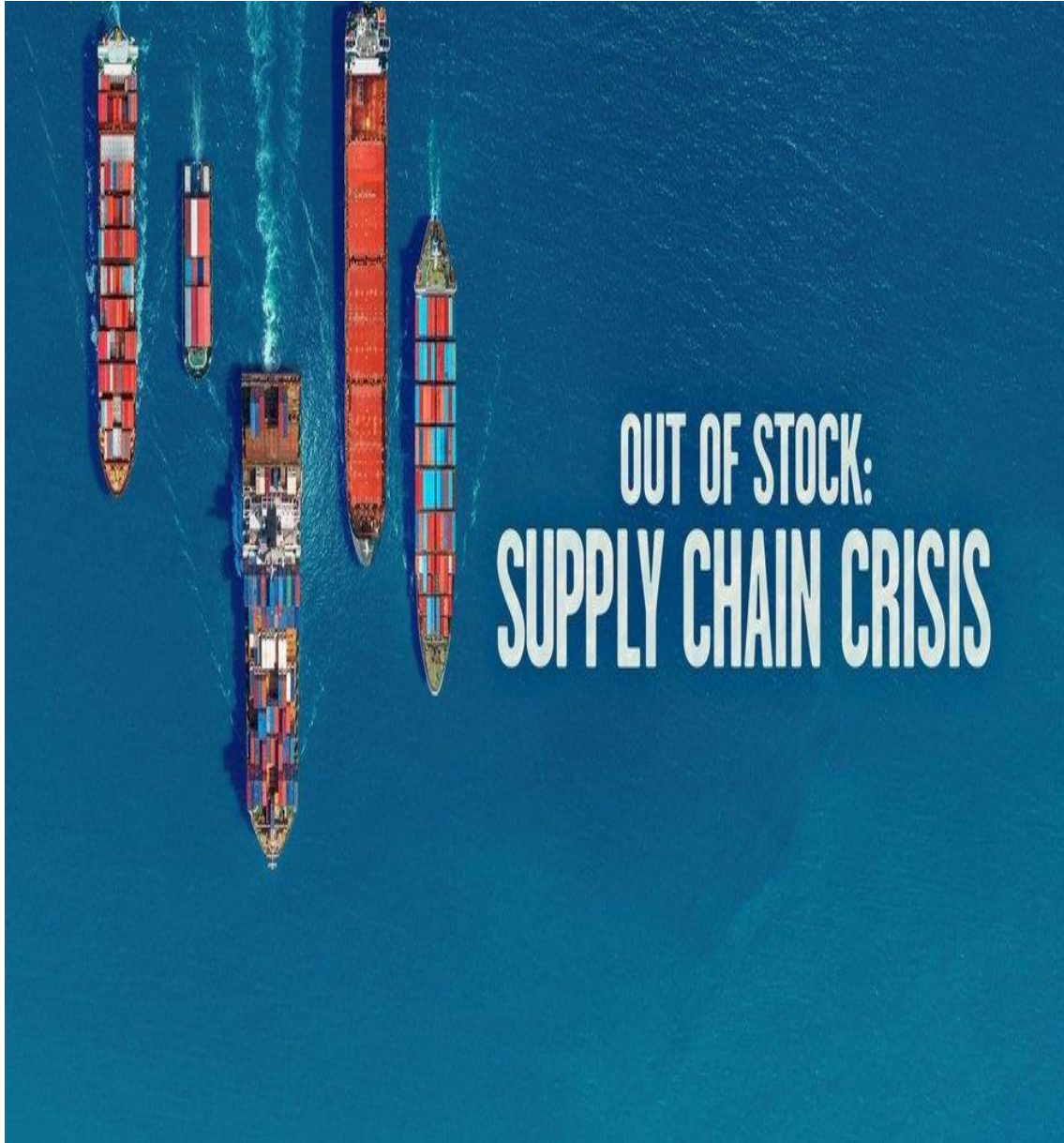
Also new port equipment
 Using waste collected from vessels, manufactures & logistics zones activities in the port area – while every ton of dry waste put into the system, roughly 40-50 kg of hydrogen are produced.



Port Said East Port strategy to anchor H₂ Production industry to be ready as the first bunkering station for new H₂ power driven vessels in this strategic location.

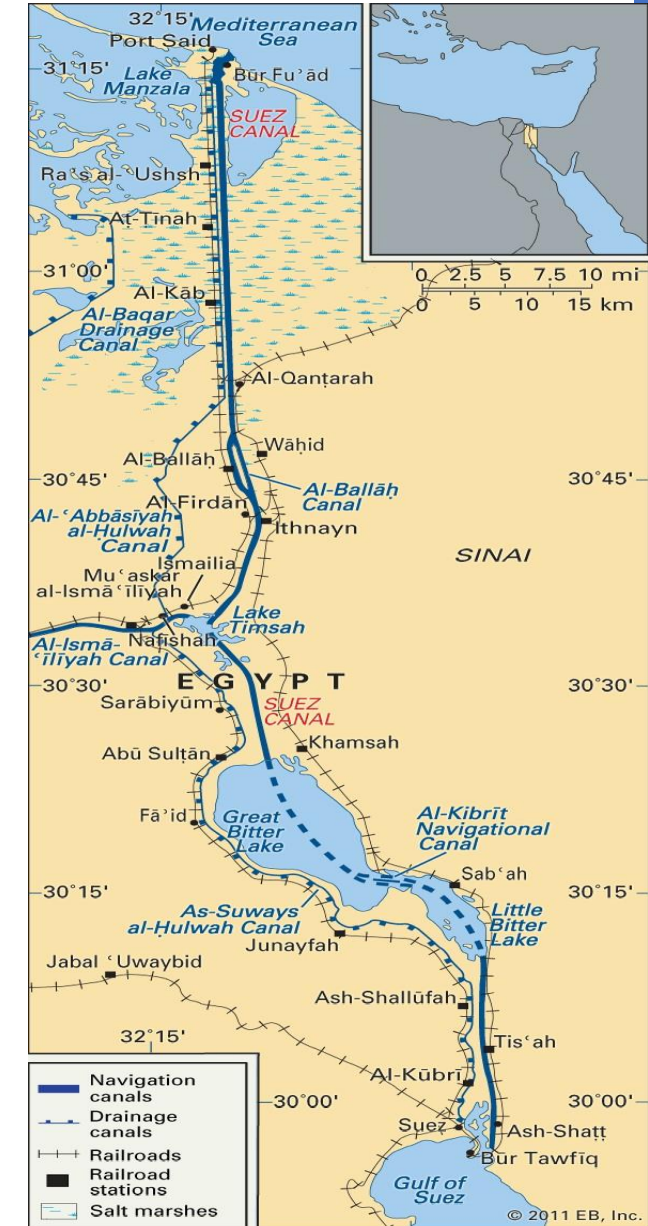


Sustainability for the globe



Suez Canal expansion moves forward that allow two ships to move in opposite directions to improve ship navigation by 28%.

The project will cost \$191 million and will be completed by the end of June 2023.



- Thank you for your attention
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