Business Opportunities within the Energy Transition

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VP Commercial SOHAR Port and Freezone

SOHAR Port and Freezone

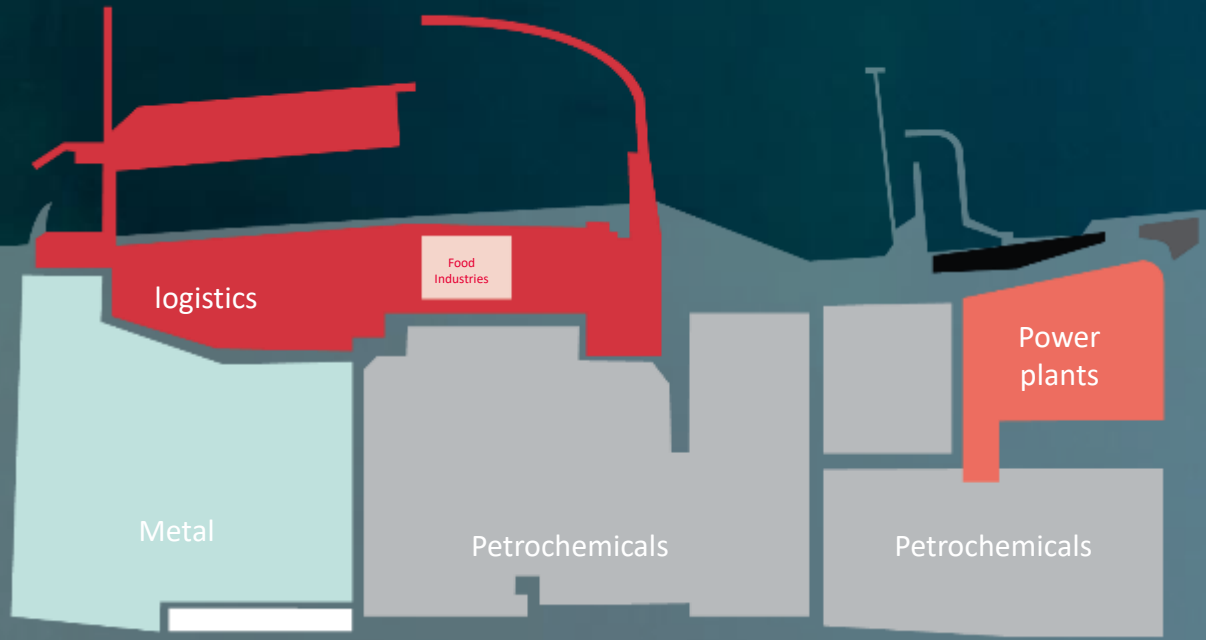
- Established in 2004, a 50:50 joint venture between ASYAD Group of Oman and Port of Rotterdam in The Netherlands.
- SOHAR is one of world's fastest growing port and freezones:
  - Serves 70% of the import/export market of Oman
  - Complete with liquid, container, dry and break-bulk terminals
  - USD 30 Billion investments to-date.
  - Offers great sea, land and air connectivity, especially with the GCC, the Indian subcontinent and Far East Asia

It all starts here

SOHAR Port Clusters

The port is divided into clusters:

- Food Industries
- Dry Bulk
- Breakbulk
- Liquid Bulk
- Containers
- Marine Services



A well diversified industrial port with throughput reaching 77 Million tons.

It all starts here

SOHAR Port Marine Signings

The region’s first LNG Bunkering Project

Cooperation with Metcore for Mass Flow Meters Implementation

Use of Mass Flow Meters & Partnership with TFG Marine for Bunker Fuel Supply

It all starts here

Marsa LNG, allowing a significant reduction in greenhouse emissions

USD 1.6 Billion

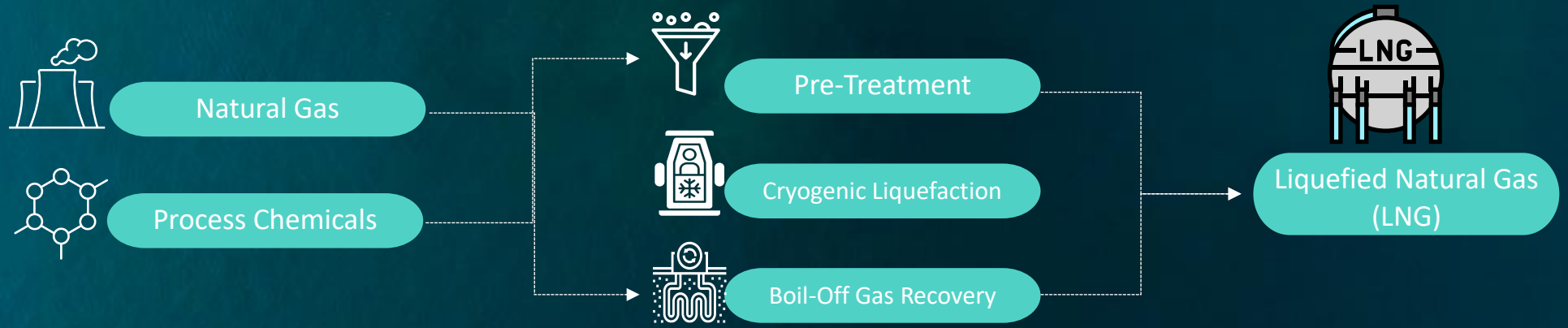
Investment

44.5

Leased Hectares

100%

Powered entirely by solar energy



It all starts here

Roadmap to Carbon Neutrality and Energy Transition

SOHAR path towards decarbonization and energy transition focuses on:

Energy efficiency

- Port Tenants
- Stakeholders
- Service Providers

Renewables

- Solar Parks 1, 2 and 3
- Tidal Project

Synthetic fuels

- Bio-Fuel Refinery
- Bio-Fuel Project – Tugboats

CCUS

4 pilot projects

Hydrogen

- Green Manufacturing; Steel, Ammonia, methanol, Aluminum etc.

Circular Economy

- Used Material
- Carbon
- Energy

It all starts here

Technological Advancements in Bunkering

Seeking Bunkering Transparency and Innovation via the Mass Flow Meter Technology

Real time Data Collection & Measurement

Integration with Digital Systems

Compliance with International Standards

- Fuel management
- Analysis
- Reporting

Optimizing fuel usage

More efficient planning of voyages

Improving Engine Performance

It all starts here

Objectives and Significance of MFM

Regulatory Compliance:
Aligning with ISO 22192 to meet international standards.

Transparency and Accountability:
Increasing reliability in fuel transactions to minimize disputes.

Operational Efficiency:
Enhancing fuel measurement accuracy to reduce costs and save time.

Environmental Responsibility:
Promoting sustainable practices by preventing fuel wastage.

Bunker Proposition

Pathway to green fuels
- From fossil- via bio- to green fuels
- LNG as low carbon marine fuel available as from 2028

International safety standards
- Cooperation with Port of Rotterdam

Transparency and digitalization
- Introduction mass flow meters
- Digitalized/blockchain process

Sizable market
- Major shipping routes
- Favourable sea conditions STS

SOHAR service hub
- Mature service providers ecosystem
- One Stop Shop

It all starts here

Thank You!