

# NATURAL GAS in the ENERGY TRANSITION

A Workshop with Italian Companies 21 June 2022, Cairo

*Compressed and liquid methane as a suitable solution for eco-friendly public and private mobility as well as for other direct uses in liquid form. From fossil fuel to renewable bio-methane with a view to non-greenhouse synthetic gases and hydrogen fuel.*

## 10:00 Welcoming addresses:

**H.E. Tarek El Molla**, Minister of Petroleum and Mineral Resources of the Arab Republic of Egypt  
**H.E. Mohamed Ahmed Morsi**, Minister of Military Production of the Arab Republic of Egypt (*tbc*)  
**H.E. Michele Quaroni**, Ambassador of the Italian Republic to Egypt  
**H.E. Osama Mobarez**, Secretary General of the East Mediterranean Gas Forum

## 10:30 Panel discussions:

- **Claudia Checchi**, MBS Consulting  
*Market, infrastructure and prospects in the Mediterranean*
- **Paolo D'Ermo**, World Energy Council  
*Hydrogen generation*
- **Andrea Renzulli**, Res4Africa Foundation  
*Maximising the socio-economic gains of Africa's sustainable energy transition*
- **Professor Sergio Garribba**, Consultant of the Italian Ministry of Foreign Affairs, President of the scientific committee of ConferenzaGNL  
*Conclusions*

## 12:30 Coffee break 30 min

## 13:00 Parallel thematic sessions [max 90 min]

### Companies roundtables Self-application for participation

#### SESSION 1

*Big and small scale LNG, production, logistic and technologies*

*Themes for discussion:*

- **LNG, hydrogen, biofuels and methanol production and primary transport**
- **Re-gasifiers, mini liquefaction from methane and bio-methane grids**
- **Cryogenic components**
- **Tank trucks**

#### SESSION 2

*Automotive: methane, biomethane and bioGNL in land transport*

*Themes for discussion:*

- **Service stations edification**
- **Production of light vehicles - vans, compressed gas buses, LNG trucks**
- **Italian Bus Industry - production of methane and LNG buses**
- **Bio LNG and methane service station networks for cars**
- **Conversion of vehicles to compressed natural gas**
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### SESSION 3

*Factories and city networks not connected to pipelines and other uses*

*Themes for discussion:*

- **Best practice: gas network development in Sardinia**
- **Isolated factories**
- **LGN fuelled trains**
- **Garbage truck powered by liquid bio-methane**

### SESSION 4

*Bio-methane, synthetic gases and hydrogen.*

*Themes for discussion:*

- **Bio-methane – hydrogen**
- **Technology for bio-methane**
- **From waste to bio-methane**
- **Bio-LNG from agro-waste**
- **Electrolysis for synthetic methane**
- **Reduction of methane emissions**
- **Green hydrogen as feedstock to green ammonia**
- **Biomass and solid waste recycling**

**14:30 Coffee break 30 min**

**15:00 B2B sessions**

**17:30 Dinner Aperitif Buffet** (B2B continued)