

### **LIWA Plastics Project: Key features**



#### A landmark project for Oman

- > Sponsor: Orpic (owned by the government of the Sultanate of Oman)
- > Greenfield \$6.5 billion petrochemical complex in the Sohar Industrial Port Complex in Oman
- > The project will have massive economic benefits for the Omani economy including economic diversification for the country
- Strong Omani Government support
- Fully integrated olefin petrochemical complex to produce 1.1 million tonnes per annum of High Density Polyethylene (HDPE), Linear Low Density Polyethylene (LLDPE) and Polypropylene (PP) primarily for export markets
- > Contractors:
  - CB&I/CTCI Corp. (ethylene mixed feed steam cracker)
  - Tecnimont (polymer plant)
  - GS E&C Corp. / Mitsui (natural gas liquids extraction plant)
  - Punj Lloyd (gas pipeline)

# **Project Location**









# **Tecnimont Project Overview**







Owner: ORPIC PLASTIC LLC - OMAN

Scope of Work: EPC (Startup and Performance Test included)

Plant: 1 PP x 300 KTA + 2 HDPE/LLDPE x 440 KTA + U&O

**Licensors:** directly managed by Tecnimont

Lyondell Basell: Polypropilene (Spheripol)

Univation: Polyethylene

FEED Engineers: CBI

Contract: LSTK AMOUNT 890 ML USD - Covered by a Project Financing scheme

Schedule: Facility IAC (Initial Acceptance Cert.) Month 44 from May 4th 2016

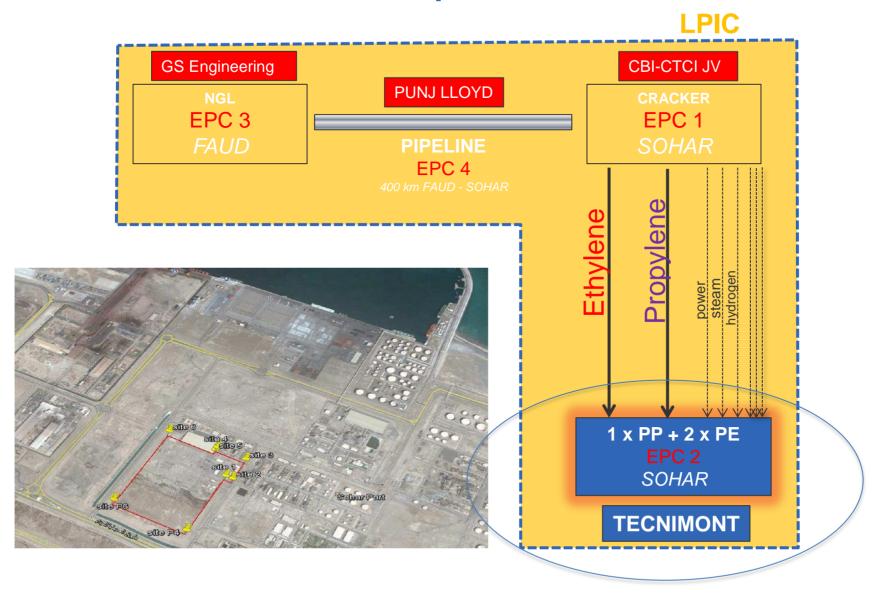
Warranty Period: 12 Months from IAC (Initial Acceptance Certificate)





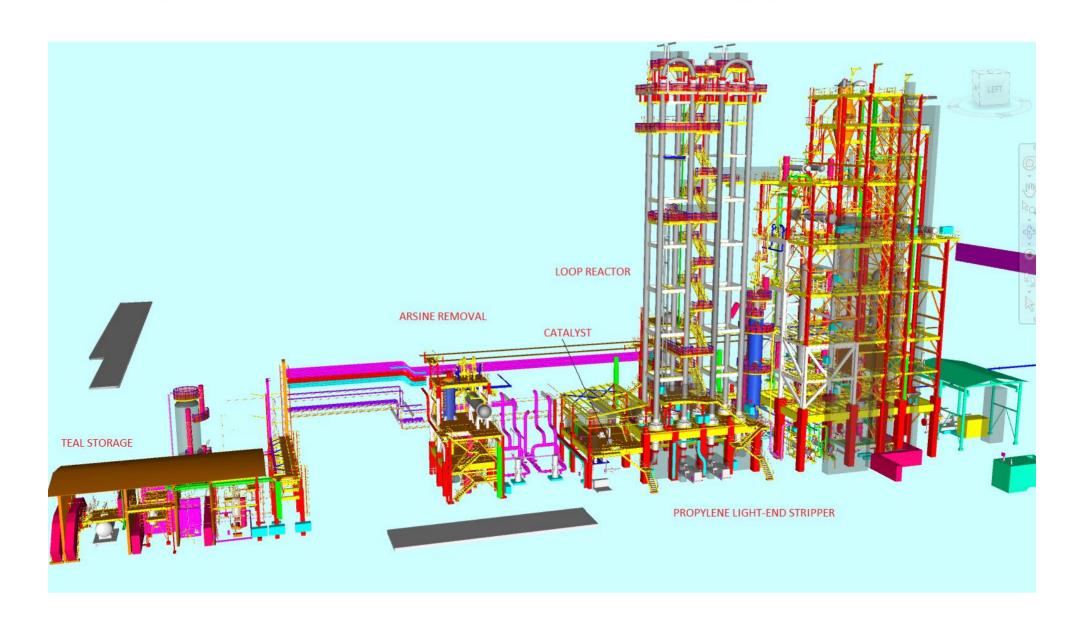


# **Liwa Plastics Industries Complex**



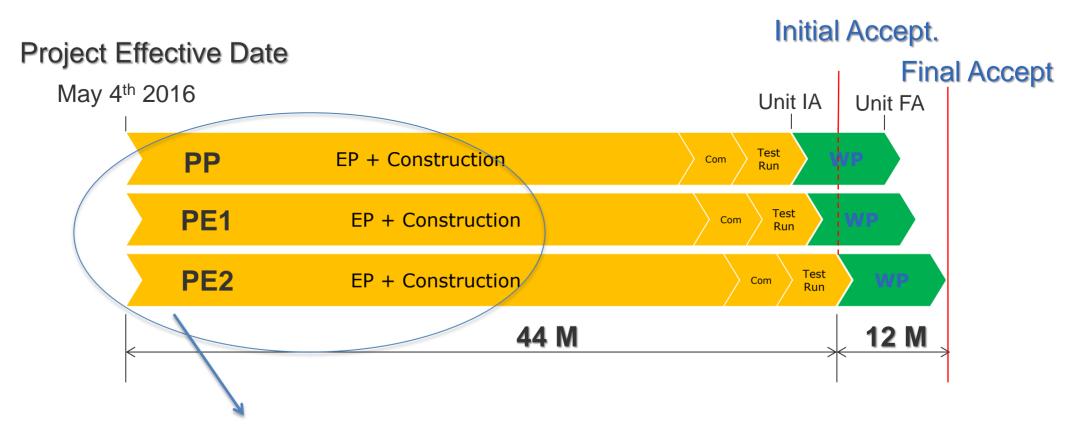
# **Tecnimont Scope of Work – PP Unit**





### **Tecnimont Scope of Work - Schedule**





Material purchasing window: Aug.2016 – Dec.2017

# **Financing Figures**



#### A multisource ECA financed transaction

- > \$3.8 billion senior debt including \$2.38 billion of ECA debt (mix self-funded and covered commercial debt)
- > Completion of the financing is a landmark in project financing in Oman, and also in the Middle East as a whole
- > 19 commercial banks and 6 ECAs involved:
  - SACE \$840 million
  - Atradius DSB \$586 million
  - K-EXIM \$360 million
  - K-Sure \$300 million
  - Euler Hermes \$137 million
  - UKEF \$157 million



USD 840,000,000

Oman

2016

Signing occurred on 3rd March 2016

May 2016 8

# **Italy in the LIWA Plastics Project**



#### Techimont and SACE for Italian content

- > SACE total facility is covering two EPC packages awarded to CB&I/CTCI Corp. and **Tecnimont**
- ➤ Tecnimont contractually committed through ORPIC to make available a SACE covered facility of at least \$608,000,000 (without considering IDC and SACE premium)
- The total amount of procurement and sub-contracts for equipments and materials is expected to be in the range of \$400,000,000, Tecnimont expects that a considerable portion of it will be awarded to Italian companies
- > Tecnimont will undertake an accurate exploration of the whole Italian market in order to obtain the best supplies from Italian exporters in terms of quality and time of delivery and thus maximize the Italian content

May 2016