



AVR.

ACT
Knowledge Sharing
Workshop
17-11-2020

This project is financially supported by the Topsector Energy Subsidy Program of the Dutch Ministry of Economic Affairs

DEVELOPMENT CO₂ – CAPTURE AND USAGE



TNO Mini Plant



Engineering CO₂ Plant



Contract Air Liquide



Construction CO₂ capture plant



First supply liquid CO₂

2016

2017

May 2018

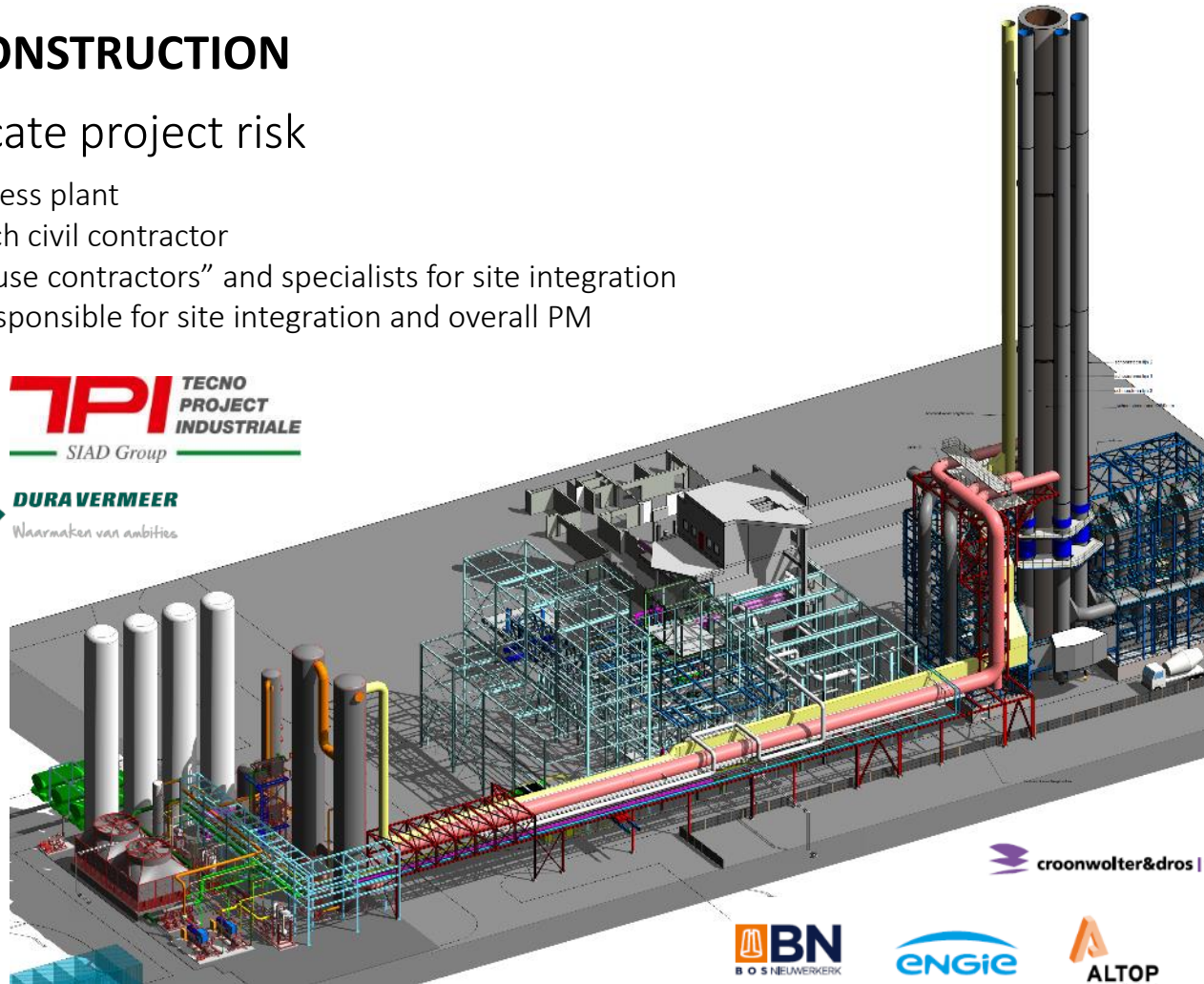
2018-2019

August 2019

CONSTRUCTION

Allocate project risk

- 1) Process plant
 - 2) Dutch civil contractor
 - 3) “House contractors” and specialists for site integration
- AVR responsible for site integration and overall PM



RESULTS UP TO NOW

- Start liquefaction on August 8th 2019
- Debottlenecking corrosion issue in winter 2020.
- Debottlenecking operational performance in winter 2021
- Research on solvent optimisation
 - EU LAUNCH
 - NL MASTER



An aerial photograph of an industrial plant, possibly a refinery or chemical processing facility. The image shows a complex network of pipes, storage tanks, and processing units. On the left, there are several large, cylindrical storage tanks. In the center, there are several large, vertical cylindrical vessels. To the right, there are more storage tanks and a large, rectangular building with two large fans on its roof. The facility is surrounded by a paved area with some equipment and a road. A large orange circle is overlaid on the top left of the image, containing the text "Questions?".

Questions?