



BILFINGER

BILFINGER TEBODIN

www.tebodin.bilfinger.com

BOREALIS SEMICON PROJECT IN ZWIJNDRECHT, BELGIUM, PROVIDES NEW OPPORTUNITIES FOR GROWTH

Borealis is one of the world's leading providers of innovative solutions in the fields of polyolefins, base chemicals and fertilizers. When the company recently decided to upgrade its semicon production assets at its Zwiindrecht (Antwerp) location, Bilfinger Tebodin was chosen as partner to develop the Basic Design and Cost Estimate to support the investment decision.

The project is a mixed development that contains both greenfield and brownfield aspects featuring a high-rise process building with a piling foundation to be designed. The main challenges are that the new installations require integration into the existing plant and nearby infrastructure and the equipment and piping design needs to fulfil the very high standards of cleanliness required by the client.

XLPE and semicon products play a main role in the energy market, used for insulation of MV, HV and EHV cables. Borealis' XLPE and semicon production presently take place at two sites in Europe, and this currently entails trucking product back and forth. In expanding the Zwiindrecht facility for the production of high value, worldclass quality semicon

product, Borealis also reduces its vehicle movements and, consequently, its carbon footprint.

Borealis project manager John O'Hagan was positive regarding the cooperation with Bilfinger Tebodin, stating: 'At the end of February, the Basic Design of the project was ahead of schedule and on track to be

successfully completed by the end of May 2019.' Gregory Nikitin, project manager for Bilfinger Tebodin, elucidated: 'This is the first large engineering CAPEX project that we conduct for Borealis, as a group of companies, and we hope that the success of the project leads to further cooperation on a larger scale. Borealis is a long-term client of Bilfinger and we conduct a lot of business in in the area of maintenance for them worldwide, so we hope to leverage the synergy and look forward to growing our relationship with Borealis throughout the EPCm phase of this project.'



John O'Hagan, Project Manager at Borealis (left) and Gregory Nikitin, Project Manager at Bilfinger Tebodin (right).