PROJECT PDF

Willemen Groep
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E-Wood - Doel

Project Details

Activities
Industrial & logistics
Road construction

Contractors
Willemen Bouw
Willemen Infra

location
Belgium
BE

Client
E-Wood Energiecentrale

Architects
BM Engineering

Engineering Office
BM Engineering

Start work
12-2020

At Indaver's site in the Waaslandhaven in Doel, Indaver and Veolia are investing heavily in expanding energy production with the construction of E-Wood, a new processing plant for non-recyclable wood waste. The plant processes around 180,000 tonnes of wood waste per year. The energy released is converted into electricity and steam for industry. The wood waste is stored on the 2 ha site under cover and thermally processed using fluidised bed technology. The plant also features intensive flue gas cleaning.

As wood waste and wood dust are highly flammable, enormous attention is paid to fire safety. Two precast concrete fire safety buildings were erected on the site, which are connected to all buildings and conveyor belts on the site, as well as to the ring pipeline built around the site and linked to the existing main pipeline of the main sprinkler system.

Apart from Cosimco, two other companies from our group were involved in the project with Willemen Infra and De Waal Solid Foundations. Willemen Infra was responsible for the preparatory earthworks, while De Waal placed the foundation piles (prefabricated piles).

Through its carbon neutrality, this green energy project contributes to the realisation of the Flemish climate objectives.

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Willemen Bouw

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Willemen Bouw was established on 30 April 2025 through the merger of Willemen Construct, Cosimco, Franki Construct and Tools.

Willemen Infra

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website

Willemen Infra is a leading, Belgian road construction company with a regional presence in both Flanders and Wallonia. An important asset is that we have all aspects of the construction process under our own management and thus fully control the execution. Moreover, our team of 1,000 well-trained and experienced employees are willing to work at night and over the weekend to make sure they get everything done in time. In addition, thanks to our own COPRO and CSC-certified production and recycling sites, we are one of the leading producers for asphalt and road concrete.