

25/06/2013
The Netherlands

[Energy Efficiency](#) [1]

CO2 Catch-up project



[CO2 Catch-up project](#) [2]

N.V. Nuon Energy commissioned SPIE Nederland B.V. for assistance in developing a CO₂ capture pilot plant based on pre-combustion technology.

At the plant, CO₂ is captured from the synthesis gas flow originating from the Nuon coal and bio mass gasification process. With the CO₂ Catch-up project, Nuon aims to demonstrate pre-combustion CO₂ capture on a large scale at its Eemshaven-based Nuon Magnum plant in the North of the Netherlands. Uniting a multi-disciplinary team, SPIE-Controlec Engineering and SPIE-Industry executed the project as part of a contract that includes engineering, procurement and construction. The trial period is expected to take two years, with a total € 40 million investment.

Services provided

- Engineering (SPIE-Controlec Engineering)
- Project management (SPIE-Controlec Engineering)
- Construction and installation (SPIE-Industry)

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