



DONAGAS AUSTRIA

At the voestalpine site in Donawitz, the carbon dioxide shall be separated from the flue gas of the power plant unit, methanised with hydrogen, and fed into the plant's internal network as synthetic natural gas.

On behalf of voestalpine Donawitz GmbH, movingpower GmbH prepared a feasibility study for the CO₂ capture and methanation processes, including their conceptual design, process flow diagrams, energy and mass balances, plant layouts, and determination of plant, construction and operating costs.

Location:

Donawitz, Austria

Type:

Power-to-Gas

Production modules:

Capture, Merge

Capacity:

500 Nm³/h e-Methane