

MOON RIVER® RiGA

POWER-TO-GAS RiGA LATVIA

In Riga, the capital of Latvia, carbon dioxide is to be captured from the flue gas of the district heating power plant on the same site, methanised with green hydrogen, and stored as synthetic natural gas in the operational natural underground storage facilities or fed into the natural gas grid.

On behalf of Trezors Ltd, movingpower GmbH is preparing a feasibility study for the processes of green hydrogen production, direct carbon capture and methanation, including their conceptual design, process flow diagrams, energy and mass balances, plant layouts and determination of the plant and construction and operating costs.

Location:

Riga, Latvia

Type:

Integrated Power-to-Gas plant

Production modules:

Harvest, Produce, Capture, Merge

Capacity:

100 MW_{el}

