

## Production of Hydrogen, Methanol and SAF

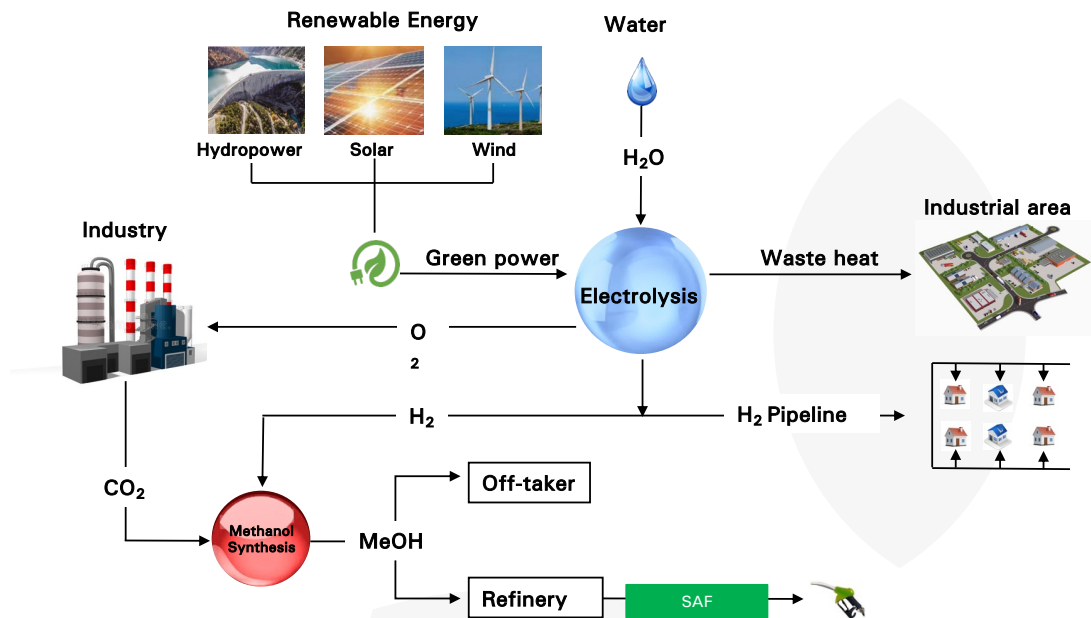
Sustainable production of hydrogen, methanol and synthetic fuel with leading technology providers by turning water and CO<sub>2</sub> into green gases and liquids using electricity from renewable energy sources.

### Project Description

Through the enormous consumption of coal, oil and natural gas, we pollute our planet with billions of tonnes of CO<sub>2</sub> every year.

- Hydrogen and methanol can be used as a raw material in industry, as an energy carrier in the transport and energy sectors, as a synthetic fuel and as a storage medium.
- With innovative electrolyzers hydrogen can be produced from green electricity.
- Methanol synthesis using CO<sub>2</sub> enables the production of synthetic fuels (eFuel).
- For the production of SAF (Sustainable Aviation Fuel), the green methanol is further processed in a refinery.
- We support industrial customers and climate-conscious companies in decarbonising value chains.

### Production process of Hydrogen – Methanol – SAF



### Project Partner

- Industrial technology provider
- Electrolysis, Methanol synthesis, SAF procedure
- Power supplier
- CO<sub>2</sub> supplier
- CSR-Advice AG – Project consultant
- Finomics AG – Project initiator

### Impact Investment

Our project considers environmental, social and governance criteria according to ESG.

**ESG 9 – SDG 7, 8, 9, 13**