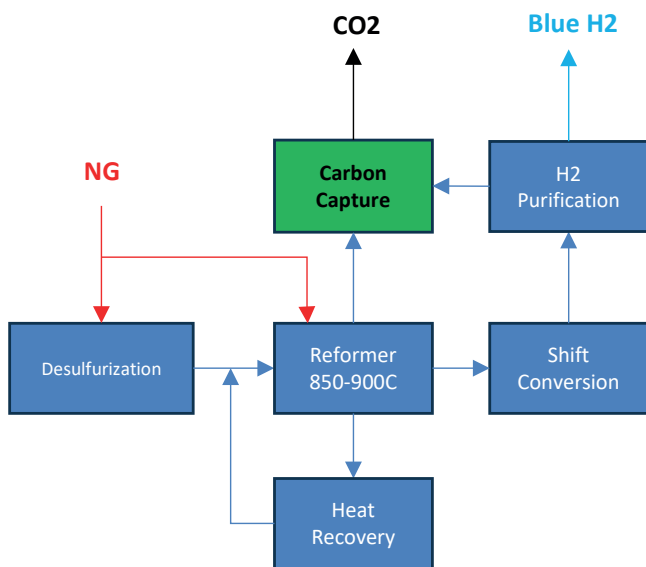




# HYDROGEN PRODUCTION



**PROCESS SYSTEMS** develops modular hydrogen production and purification units in response to the market demand, matched well to industrial applications.

We provide low-emission H<sub>2</sub> production units based on steam methane reforming (SMR) technology to convert natural gas into Hydrogen within small to medium scales. In combination with our carbon capture and storage technology, the H<sub>2</sub> unit is upgraded to the **Blue H<sub>2</sub>** production package with net-zero CO<sub>2</sub> emissions.

Our compact H<sub>2</sub> production unit is a lump-sum package in a range of 500 nm<sup>3</sup>/h to 5,000 nm<sup>3</sup>/h with a product purity of 99.99% at a guaranteed high-efficiency process.



# HYDROGEN PRODUCTION



The main features of our modular design are as follows:



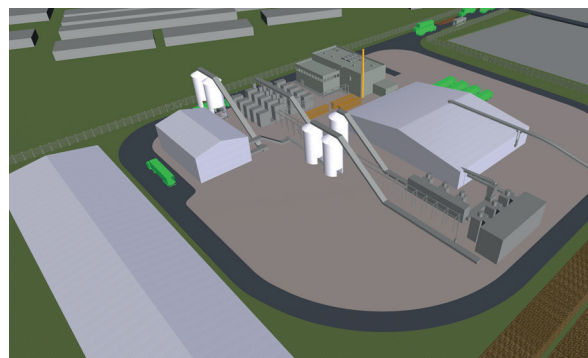
**Short-time  
delivery**



**Fast  
installation**



**High energy  
efficiency**



**Low emission  
footprint**



**Low maintenance  
costs**



**Long lift time of  
the package**



**PROCESS SYSTEMS** commits to environmental concerns for energy production, and thanks to collaboration with its technological partners, is developing high-efficiency gasification technologies for converting waste material into **Green H2** with a zero-emission footprint on the environment.



## CONTACT US

**PROCESS SYSTEMS  
ENERGY TRANSITION**



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