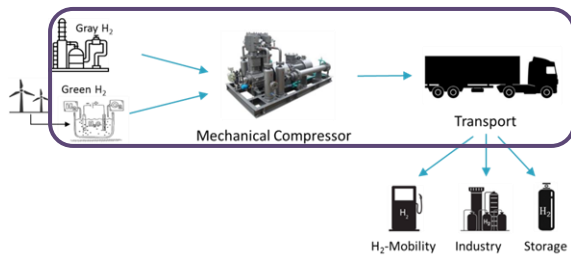


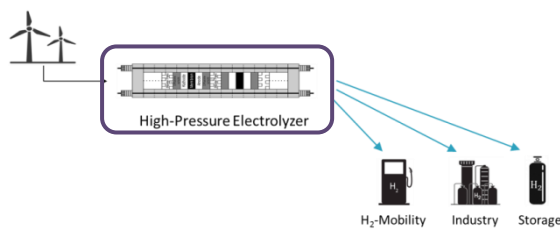
H-HydrogenEdge

Enabling sustainable energy transition with green hydrogen

Green hydrogen is not competitive today as an energy carrier because extensive processes and expensive equipment are required:



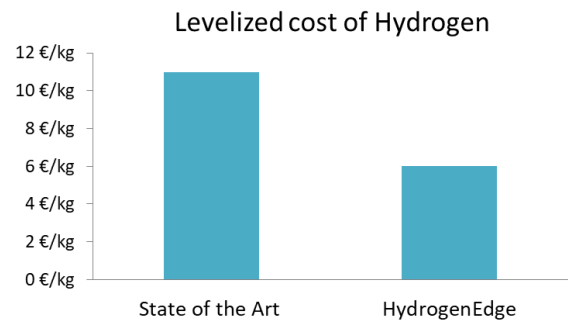
Our solution to that problem is the production of hydrogen at required pressure in one single step by electrochemical compression using our high pressure electrolyser:



Key advantages of our patented high pressure electrolyser:

- + Lower investment costs
- + Low maintenance- and service costs
- + Lower energy consumption
- + Usability in urban areas (quiet and little space requirement)

The high-pressure electrolyser enables our customers to produce hydrogen on site in the required pressure range without additional compressors, thus enabling significant cost savings:



Selling our high pressure electrolyser to plant construction companies and renewable energy providers is our strategy to enter the market. Our midterm plan includes selling the high pressure electrolyser and all necessary peripheral equipment for a hydrogen refilling station (HRS).

HydrogenEdge was awarded with the Green Tech prize by a multidisciplinary jury at i2B business plan competition. Currently, HydrogenEdge is seeking funding and investments for financing a prototype and a pre-commercial high pressure electrolyser (1.2 -1.5 M€).



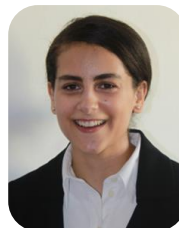
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The team combines longtime working experience in the hydrogen economy, knowhow in prototype construction and electrolysis technologies as well as process optimization and quality management.