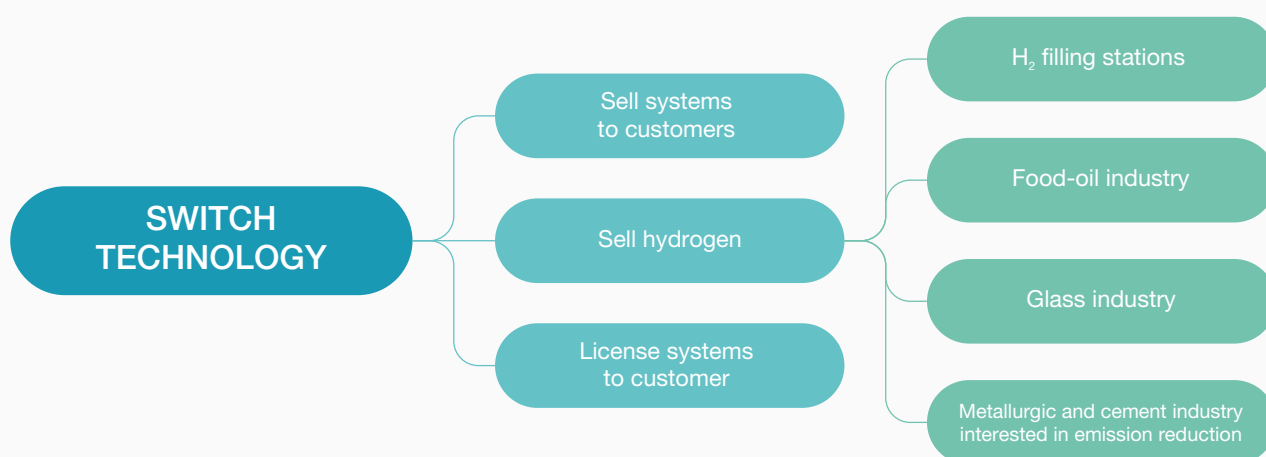


## SWITCH technology and possible end uses

A fully integrated hydrogen production system has been designed, constructed and tested. The SWITCH technology allows the production of hydrogen, electricity and heat.

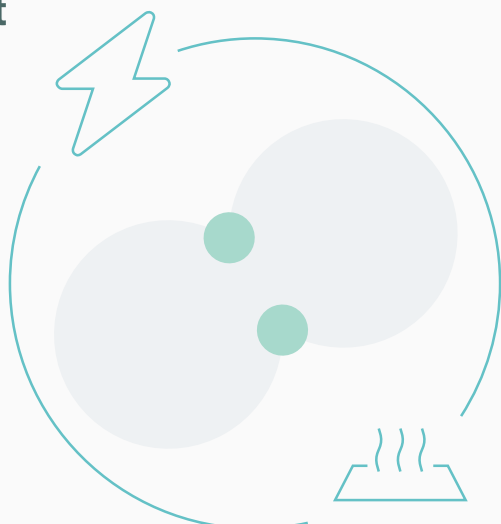
The end result of the project can be marketed as one of three options: sold as a system, sold as a license for the system, or sold hydrogen that is produced by the system.



Each of the options described helps support the hydrogen market, and the hydrogen itself has a high potential for use in the market for vehicle fueling (light duty vehicles, heavy-duty vehicles, buses, industrial vehicles), industrial use like hydrogen terminals.

The SWITCH system allows the production of

## hydrogen, electricity and heat



The Key Exploitable Result of the project is the integrated SWITCH prototype which will be a system capable to guarantee secured production of continuous green hydrogen, ensuring a fast and reliable path for the deployment of hydrogen use.

## Target market

Industry segments that need continuous hydrogen supply for proper operation, between 40 kg and a few tons of hydrogen per day:



H<sub>2</sub> filling stations



Food-oil industry



Glass industry



Metallurgic and cement industry interested in emission reduction

**SWITCH system is dedicated for following recipients:**



Hydrogen and electricity users



European countries having an electricity mix low in carbon emissions



European countries with a low hydrogen production capacity



Logistic hubs



Public transport companies