



## SYLFEN

### One line pitch:

?Integrated energy storage and production solutions for buildings and ecodistricts, willing to secure their energy supplies with local sources

### Market Analysis:

Sylfen is offering a fully integrated product to the construction market (new and renovation) willing to build zero-emission buildings, respectful of the environment and its local neighbourhood. This market is a 10 billion euro worldwide market per year - and growing thanks to drivers such as regulations, social demand, and economical gain. So far, there is very few companies offering technologies allowing buildings to be autonomous in energy by autoconsumption, and most existing technologies are too expensive. Our innovative reversible electrolyzer is the breakthrough technology that can render any building autonomous.

### Value proposition:

Sylfen offers an optimum combination associating batteries and a breakthrough technology: the reversible electrolyzer. This innovation allows a compact hydrogen supply chain, with low costs and high efficiency. Moreover, Sylfen's development is oriented to serve the construction market with a highly modular product, fully integrated, and optimized to each configuration thanks to its modelling tools.

### Business Model:

We are developing a highly modular solution, easily adaptable to any building's configuration. This solution will be sold directly to contractors and project owners. The package will include pre-study to dimension the optimum solution, installation of the Smart Energy Hub (product's name) and maintenance to preserve a level of quality and security to its users. We will also sell parts to integrators (large construction's corporation), that will manage themselves installation and maintenance.

### IP and Regulatory situation:

This innovation is protected with 22 patents, coming from 10+ years of R&D in CEA-Liten Grenoble and 40 million euro invested in this technology. An exclusive worldwide license is granted to Sylfen.



### COMPANY PROFILE

- **Website:**  
www.sylfen.com
- **Field:**
- **Contact:**  
Ruchon François-Eudes  
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- **Location:**  
7 Parvis Louis Néel  
38000 Grenoble  
France
- **Founded in:** //01/06/2015
- **Employees:** 5
- **Financial information (€):**
  - **Company stage:**  
Pilot Phase
  - **Capital raised to date:**  
120 000
  - **Monthly burn rate:**
  
  - **Capital seeking and date:**  
2 700 000 at 31/12/2016
- **Investors:**  
Nicolas Bardi, Caroline Rozain,  
CEA, KIC Inno Energy