



eltic-Plus⁺

Smart Connected World



Celtic-Plus Event
Project Ideas and Networking
19st May 2017, Barcelona

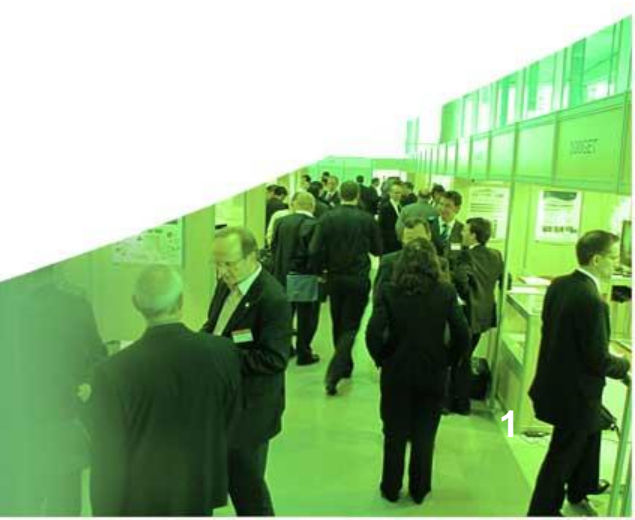
Klenergy

Markos Romanos
markos@klenergy-tech.com



KLENERGY

ALWAYS ON



OUR SOLUTION: HELIOS

Innovative Heat Management System



Electricity
Heat

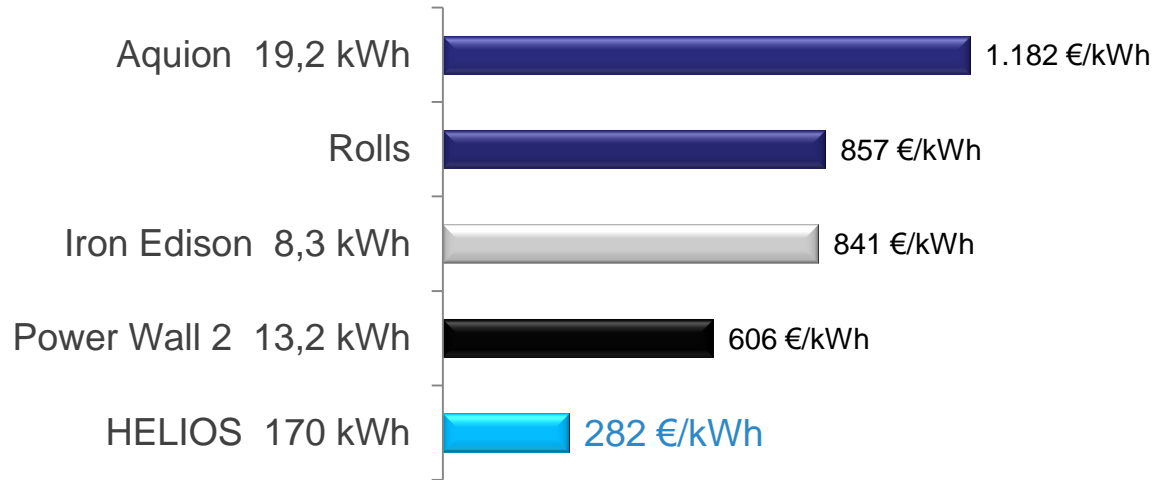


Fuel
***(FCV)**



VALUE PROPOSITION

Cost of Storage (€/kWh)



COMPETITION

- Range of storage capacity, 45 kWh – 170 kWh in same Unit. Like adding batteries but without requiring the extra space! N/A
- Helios can store the cheapest form of electricity (PV) as fuel. Which means Electricity & Hot Water & Fuel for Transportation. N/A
- Produce Pure Hydrogen (and oxygen) with zero environmental impact. N/A



Gerard Bel - CEO

Industry Automation & Electrical Engineer
Specialization in Hydrogen.



Agustin Roig - CTO

MSc Industrial Engineer, Heat Engineer-Steel
Processing and Manufacture



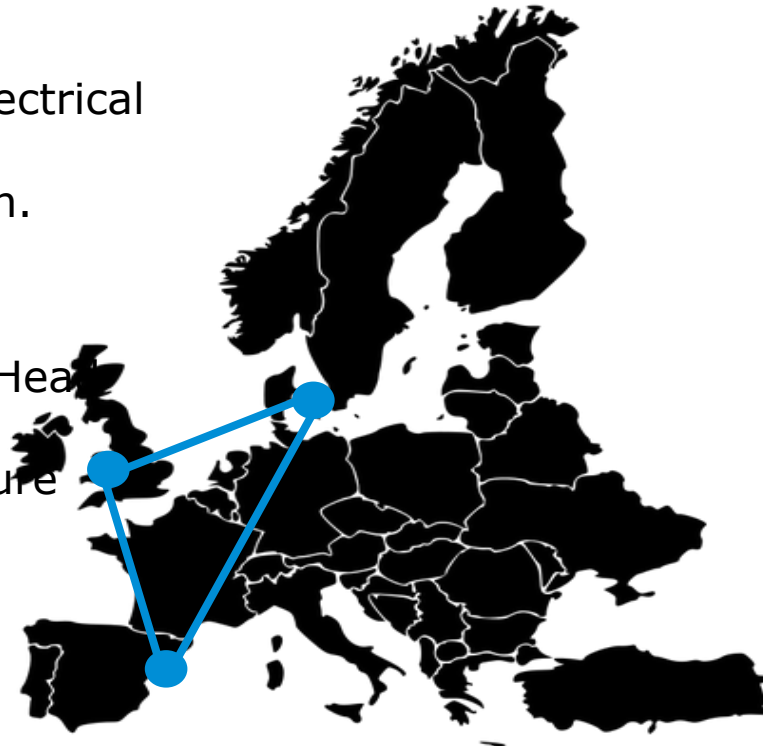
Eugenio Moliner - CIO

Industrial Electronics and Automation Engineer.
Specialization in PV solar.



Markos Romanos - COO

MSc Sustainable Energy Engineer.
Energy Markets & Sustainable Heating



THE REVOLUTION WILL BE DE-CENTRALISED



BUT, WHAT ABOUT HEAT?

BUILDINGS

40 %

OF EUROPEAN
ENERGY
CONSUMPTION

INDUSTRY

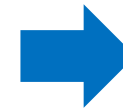
40 %

OF EUROPEAN
ENERGY
CONSUMPTION

HEAT
ACCOUNTS FOR

20 %

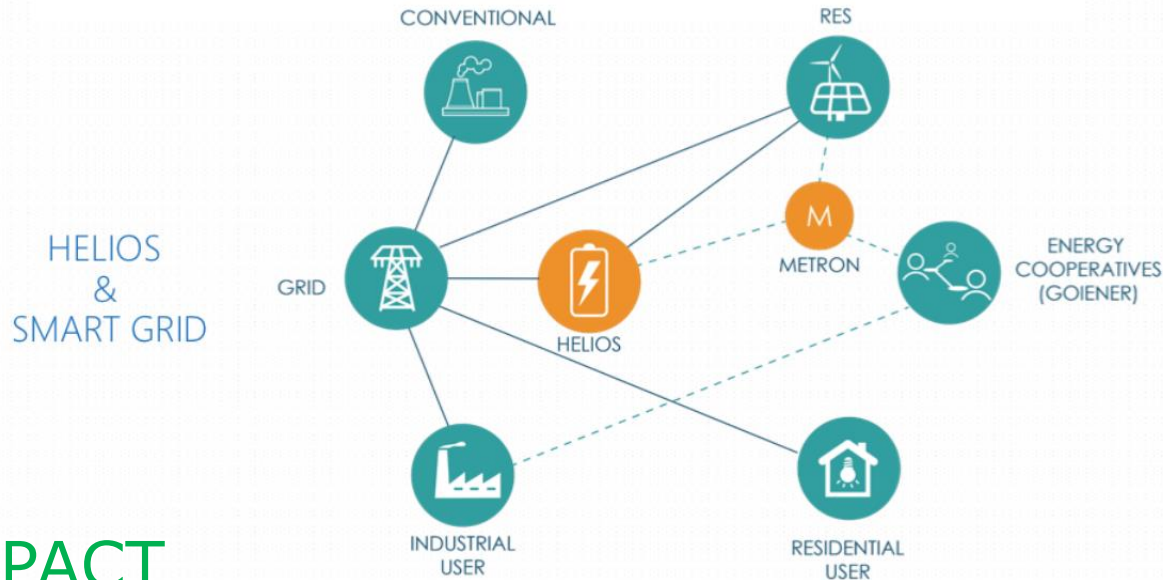
OF ENERGY
CONSUMPTION
FOR BOTH
SECTORS



WHAT IF?

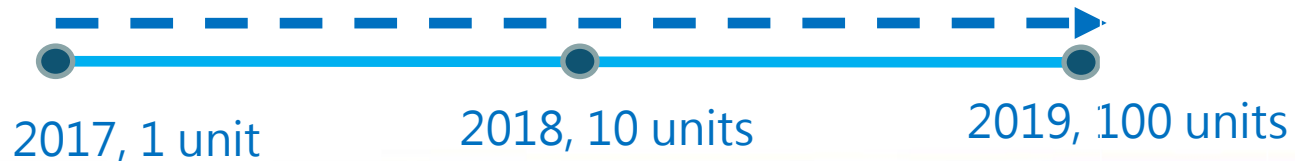


DECENTRALISATION
ENERGY
MANAGEMENT
SMART GRID



IMPACT

- Electricity at 6 c/kWh, free heat and fuel at 9 c/liter
- Energy cooperatives a market of 30M customers.





Celtic-Plus

PARTNERSHIP STRATEGY





 

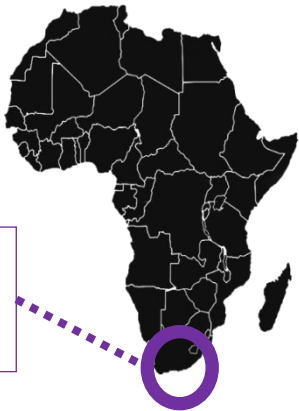


STONE EDGE FARM
 ESTATE VINEYARDS & WINERY

 Instituto Ingeniería Energética
 **Universidad Zaragoza**
 **Green Grouping**
 **heliotec**
 RENEWABLE ENERGY
 **FUNDACIÓN PARA EL DESARROLLO DE NUEVAS TECNOLOGÍAS DEL HIDRÓGENO EN ARAGÓN**
 **golener**
 Cooperativa de generación y consumo de energía renovable



 **Robs**
 INVESTMENT HOLDINGS (PTY) LTD



For more information and for interest to participate please contact:



Markos Romanos, COO @ Klenergy

@: markos@klenergy-tech.com

Tel: +45 2035 3002

Copenhagen, Denmark

www.klenergy-tech.com



Gerard Bel Piñero, CEO @ Klenergy

@: gerard@klenergy-tech.com

Tel: +34 633343671

Castellon, Spain