

memoco

ACCELERATING ENERGY TRANSITION



Energy Communities

Do we need Data ?

Data Loggers & data management

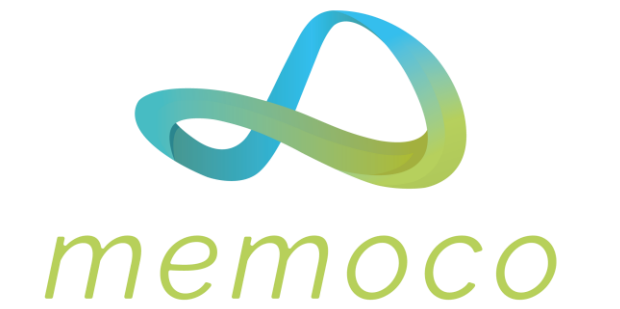
Who is Memoco ?



founded in 1982



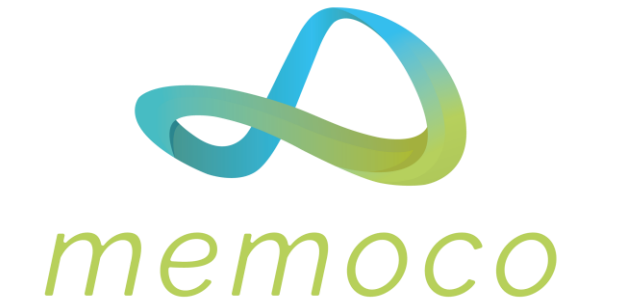
founded in 2009



memoco
ACCELERATING ENERGY TRANSITION

new commercial name (2020)

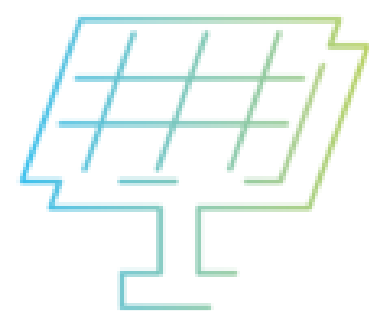
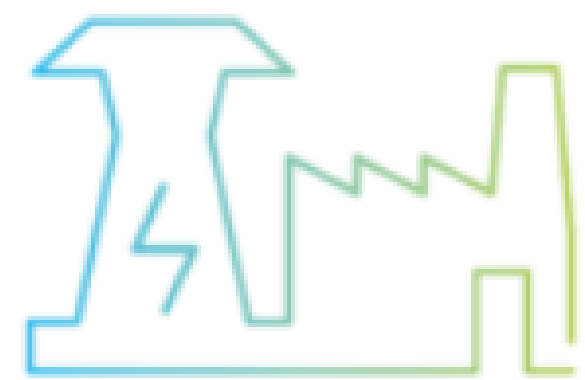
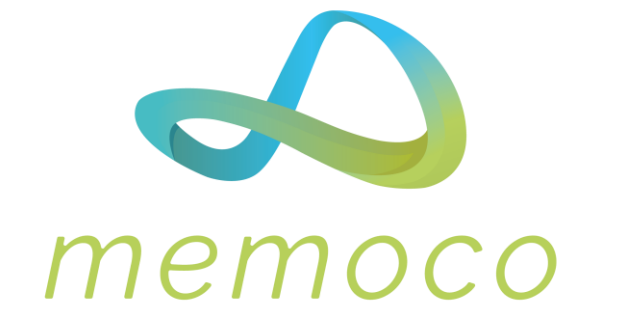
Team



37 people

- 9 R&D
 - Software & Hardware
 - Mechanical Design
- 2 System Administrators
- 6 Cablers, fitters & onsite workers for installations
 - International partners for project delivery
- 4 Project Managers
- 4 Service Managers
- 5 Back-office R&D
- 3 Sales & Marketing
- 4 Managers CTO, CEO, COO, CPO

Clients Memoco



Substations

Monitoring & Control

Build Maintain
Digital

Asset Management
Grid Recovery

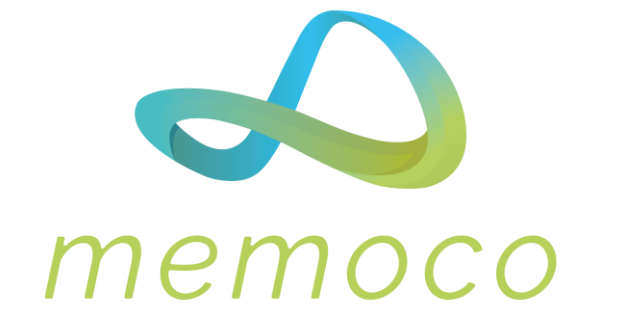
Operate Maintain
Upgrade

Social Acceptance
Predictive Maintenance

5900+ Sites

Pro-active aging detection
Green Certificates Trading

Clients Memoco

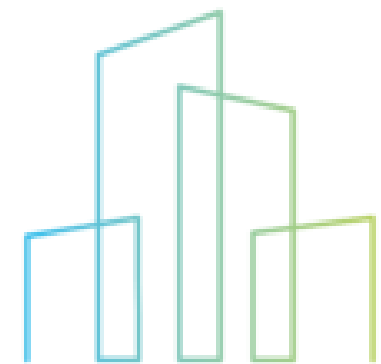


LOLA
L I Z A

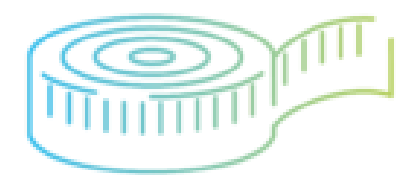


Energy Optimisation

No cure no pay



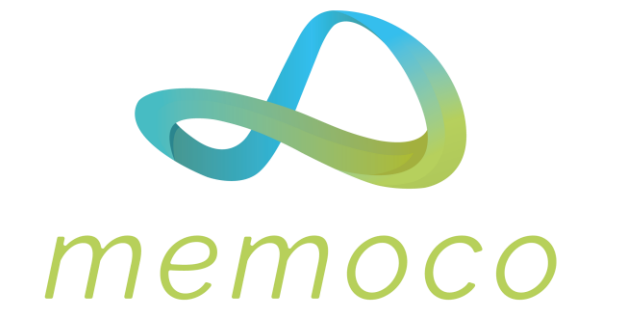
All-in-one energy invoicing



End-to-end Custom Solutions

Digital Energy Infrastructure &
Management

Energy Communities



Technology to foster social interactions



JRC SCIENCE FOR POLICY REPORT

Energy communities: an overview of energy and social innovation

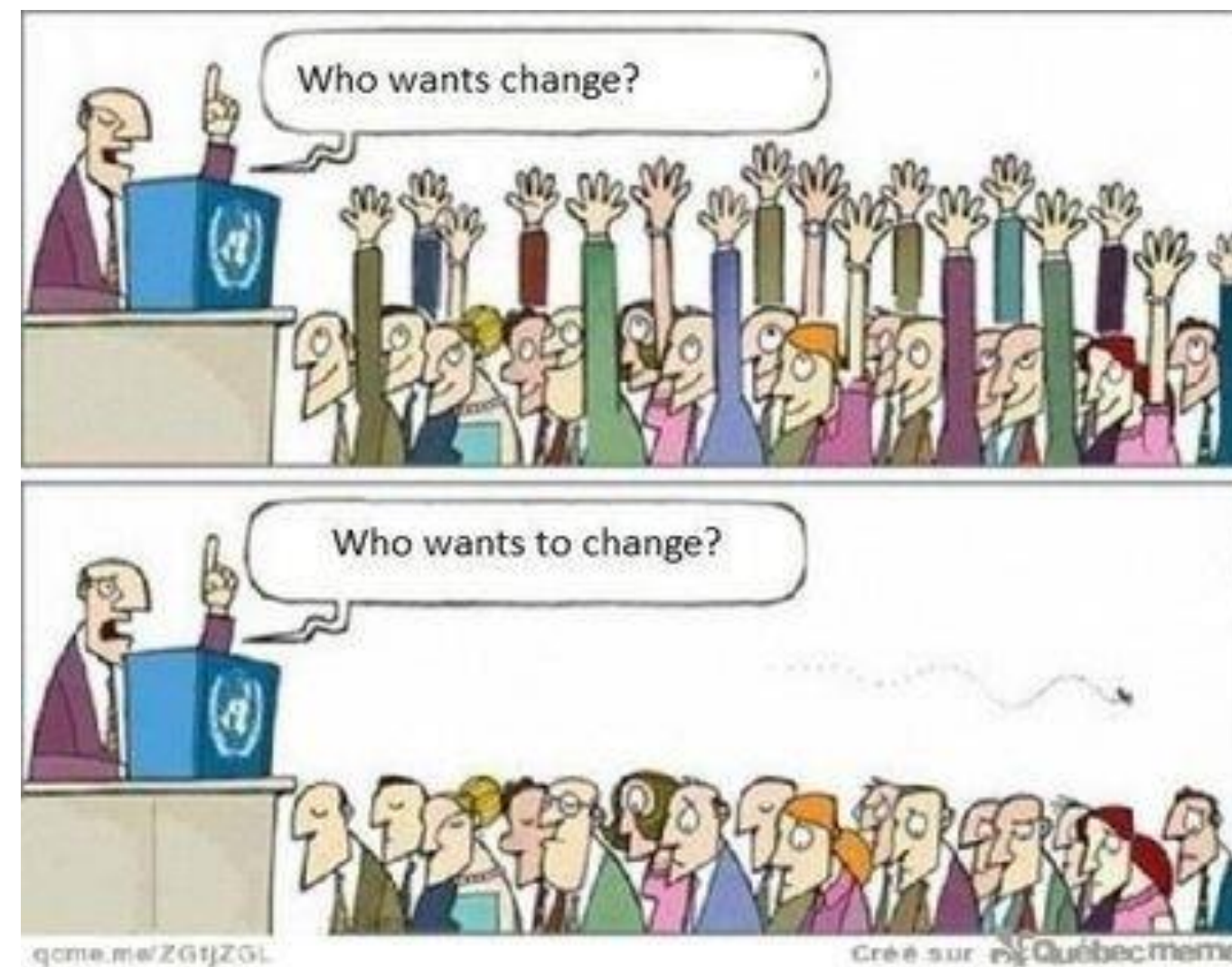
Aura Caramizaru
Andreas Uihlein

2012 2010



Beyond *centrally-driven* change

?Subsidies have reached their limits?
(Nimby,...)



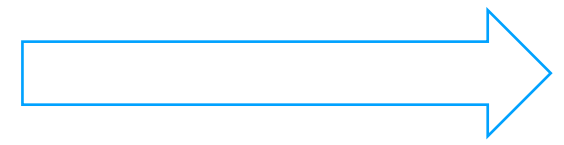
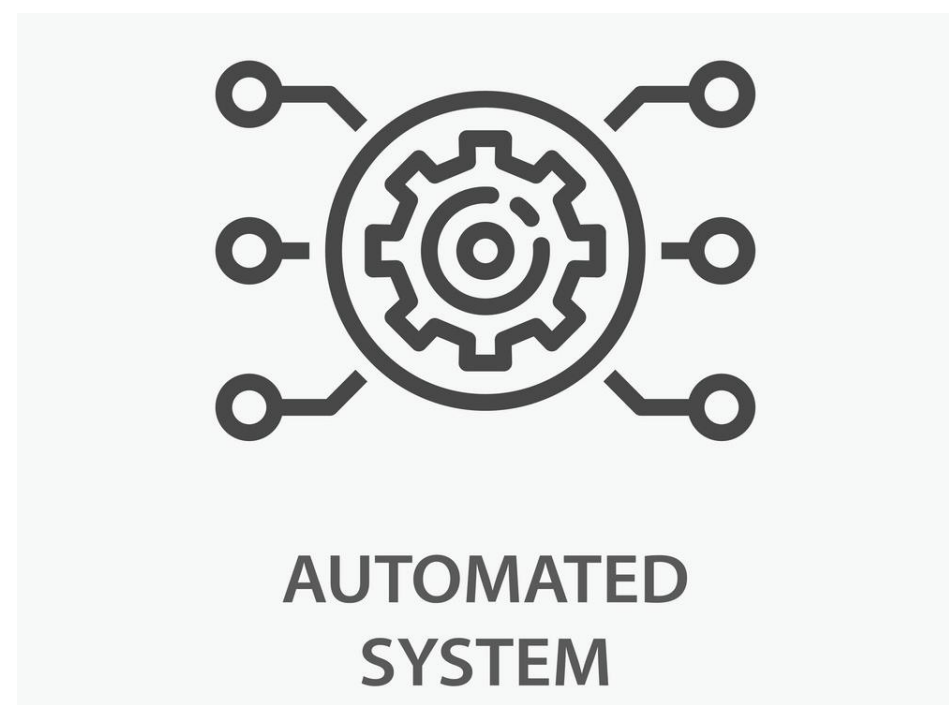
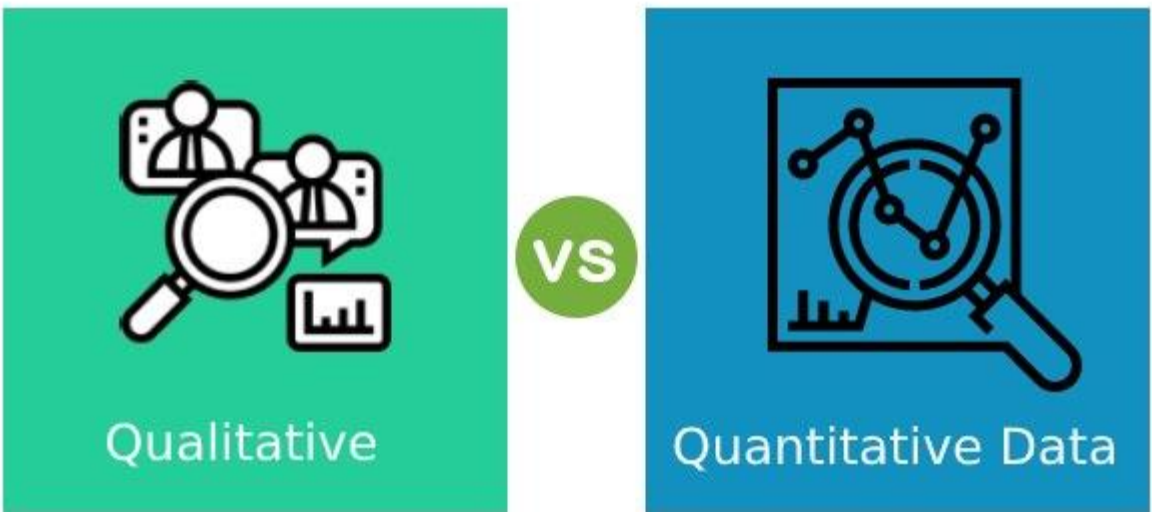
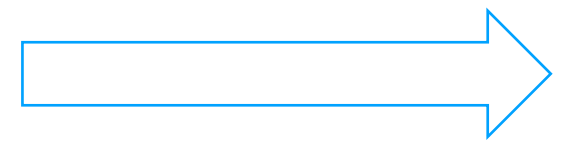
Decentralize decisions & objectives



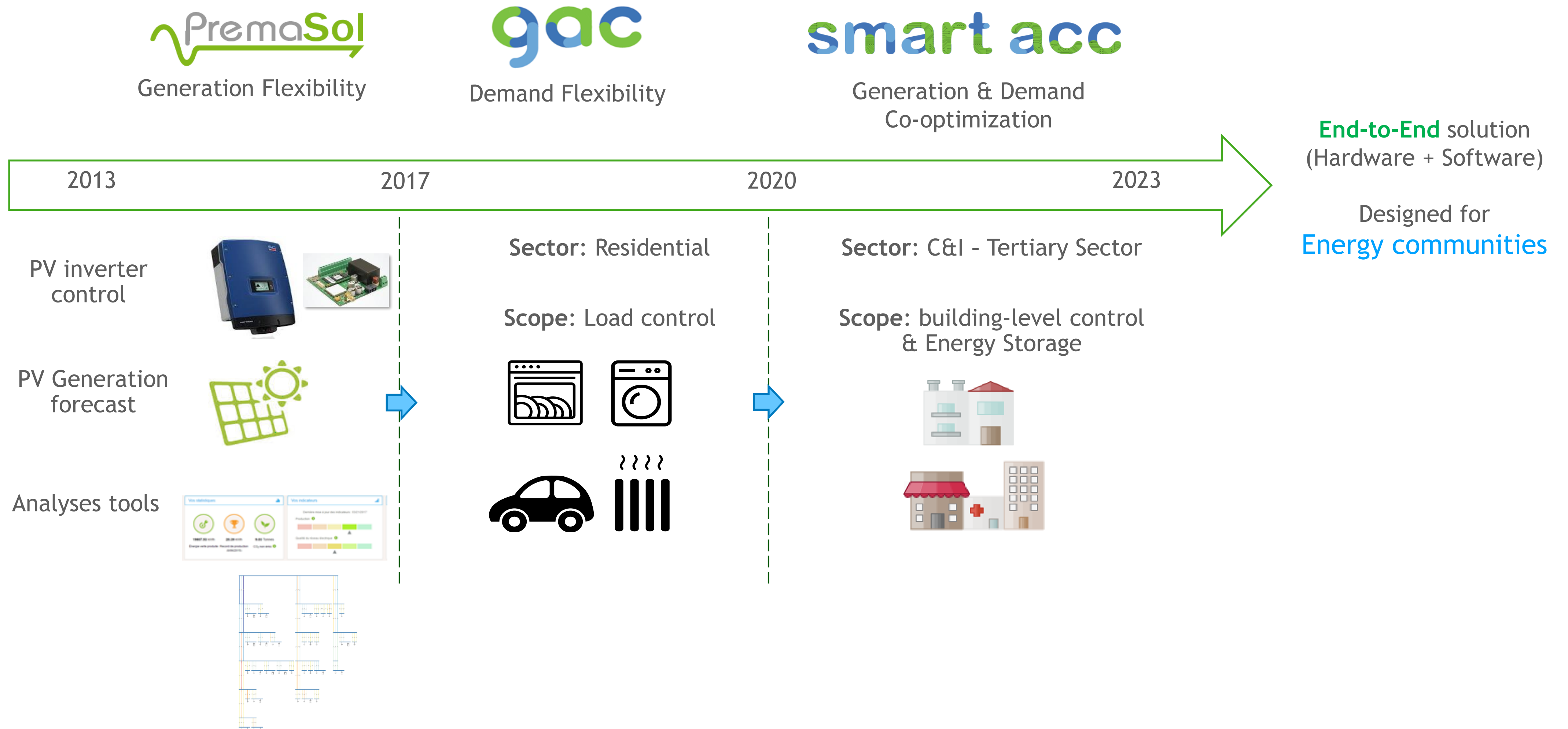
Peer pressure is a powerful tool to drive change

FRANK WANTED TO SEE FOR HIMSELF WHETHER THE 'GRASS REALLY WAS GREENER' Search ID: aaon3

Memoco & Energy Communities



Ongoing Research Project



The issue of interoperability



GW_{io}

Low Cost

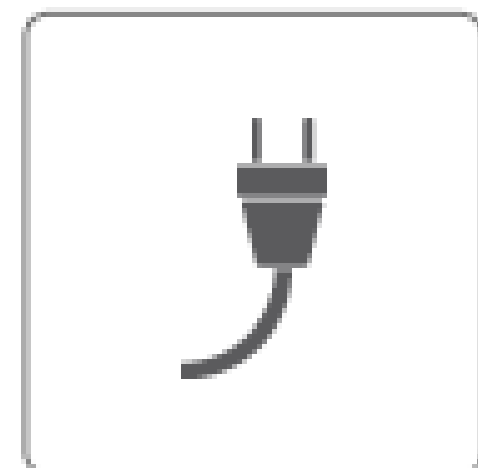
Local Integration

Local Intelligence

Local Control

Secured & Independent Communication

Follow centralized decisions



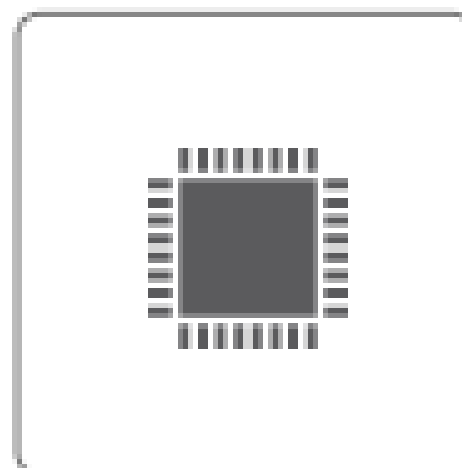
Power supply :
10-24 VDC



3 Wires RS232



4G



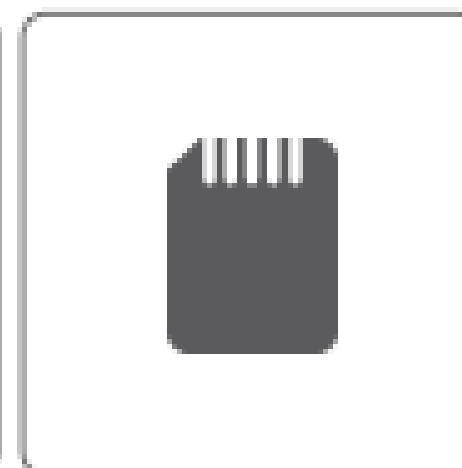
ARM9 CPU module



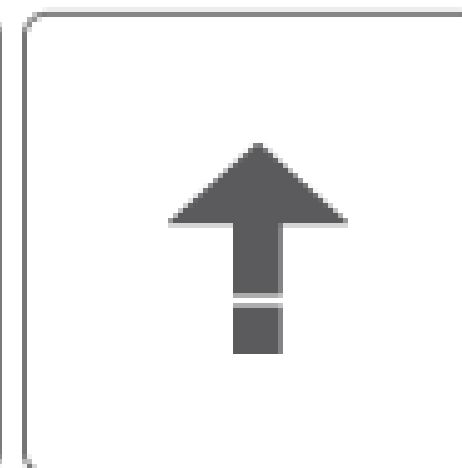
4 Active pulse
inputs module



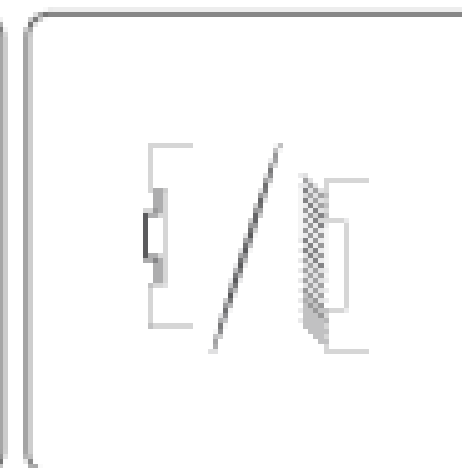
Isolated
2 Wires RS485



External micro SD
Flash

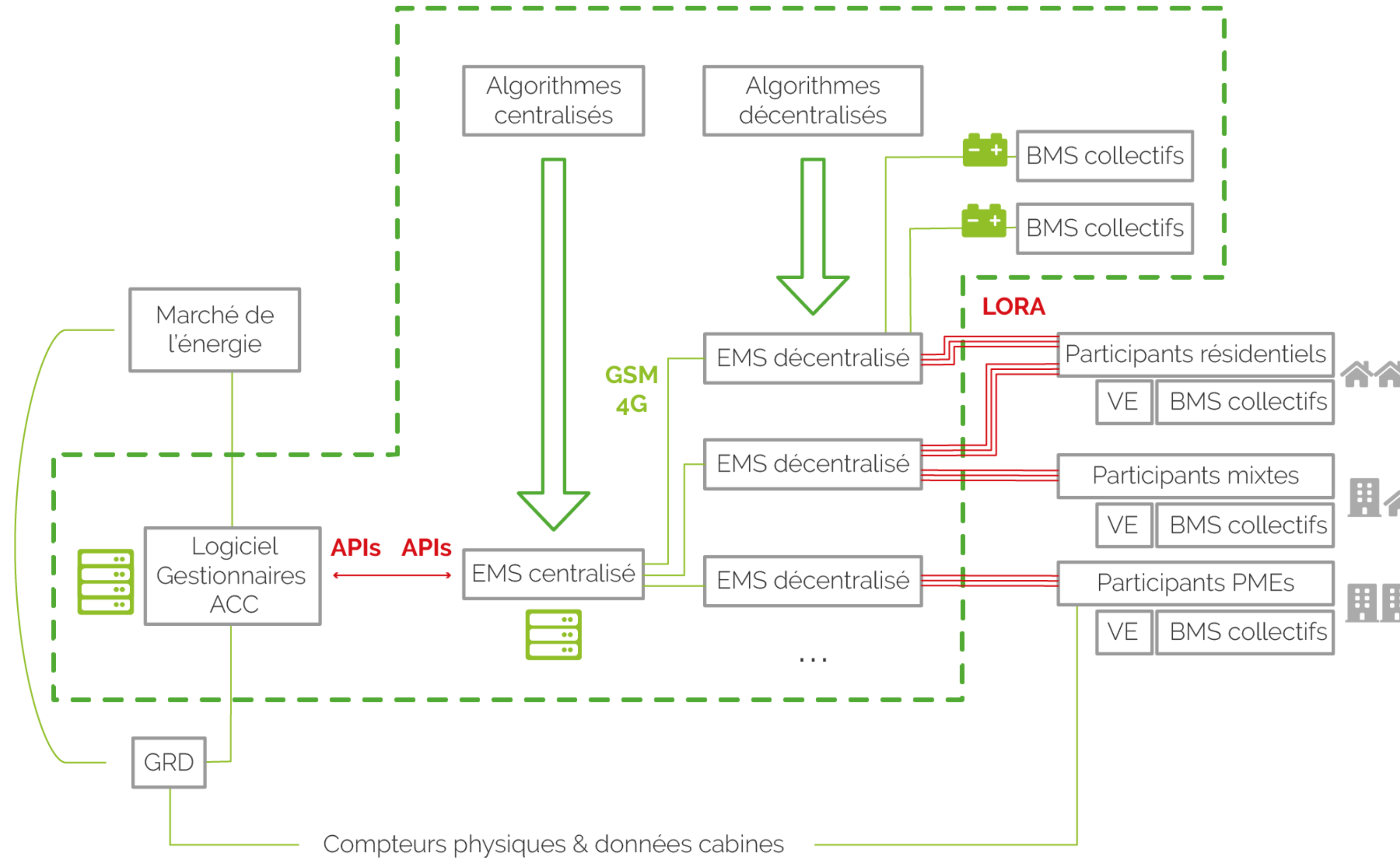


Extension port

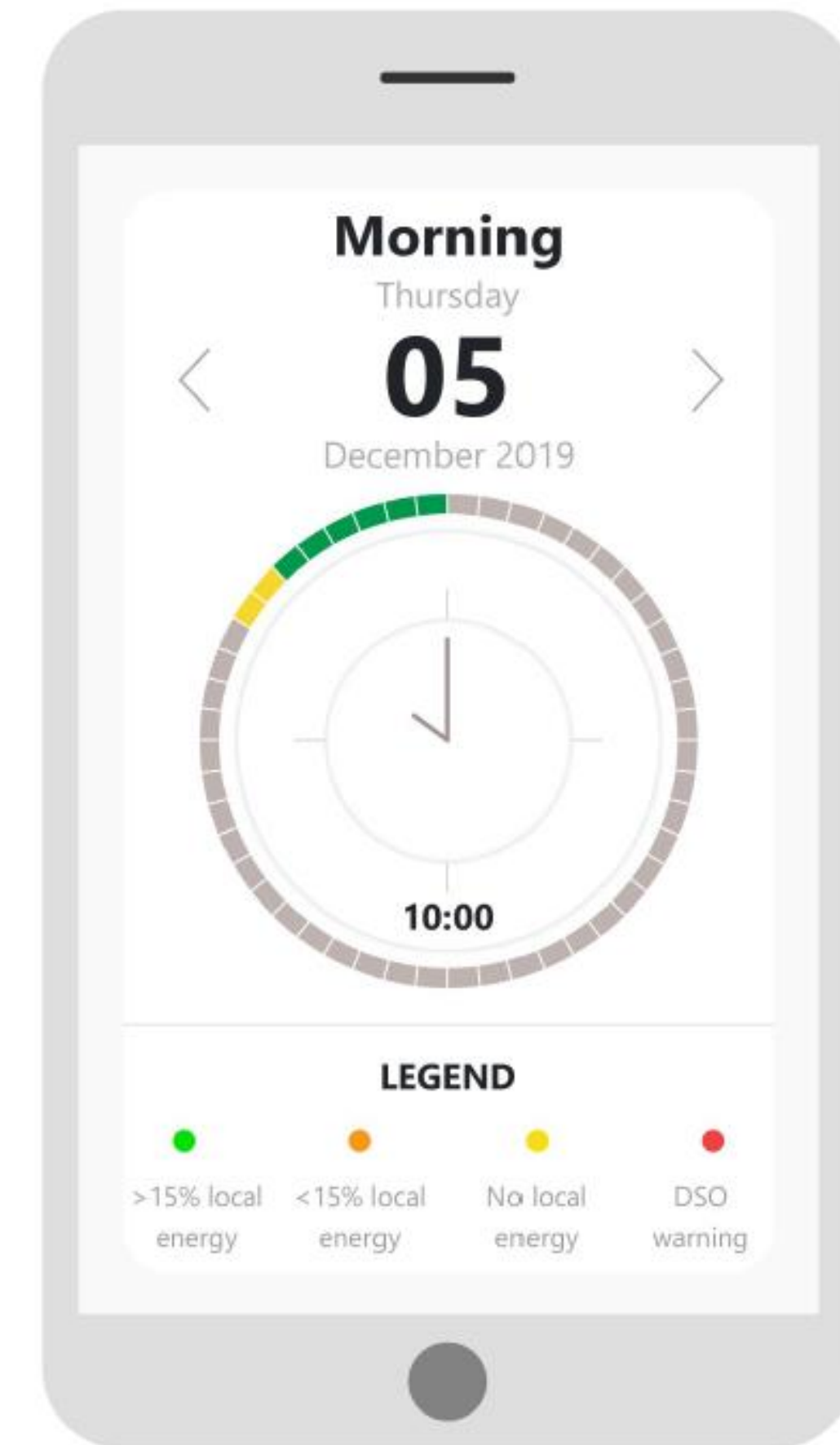
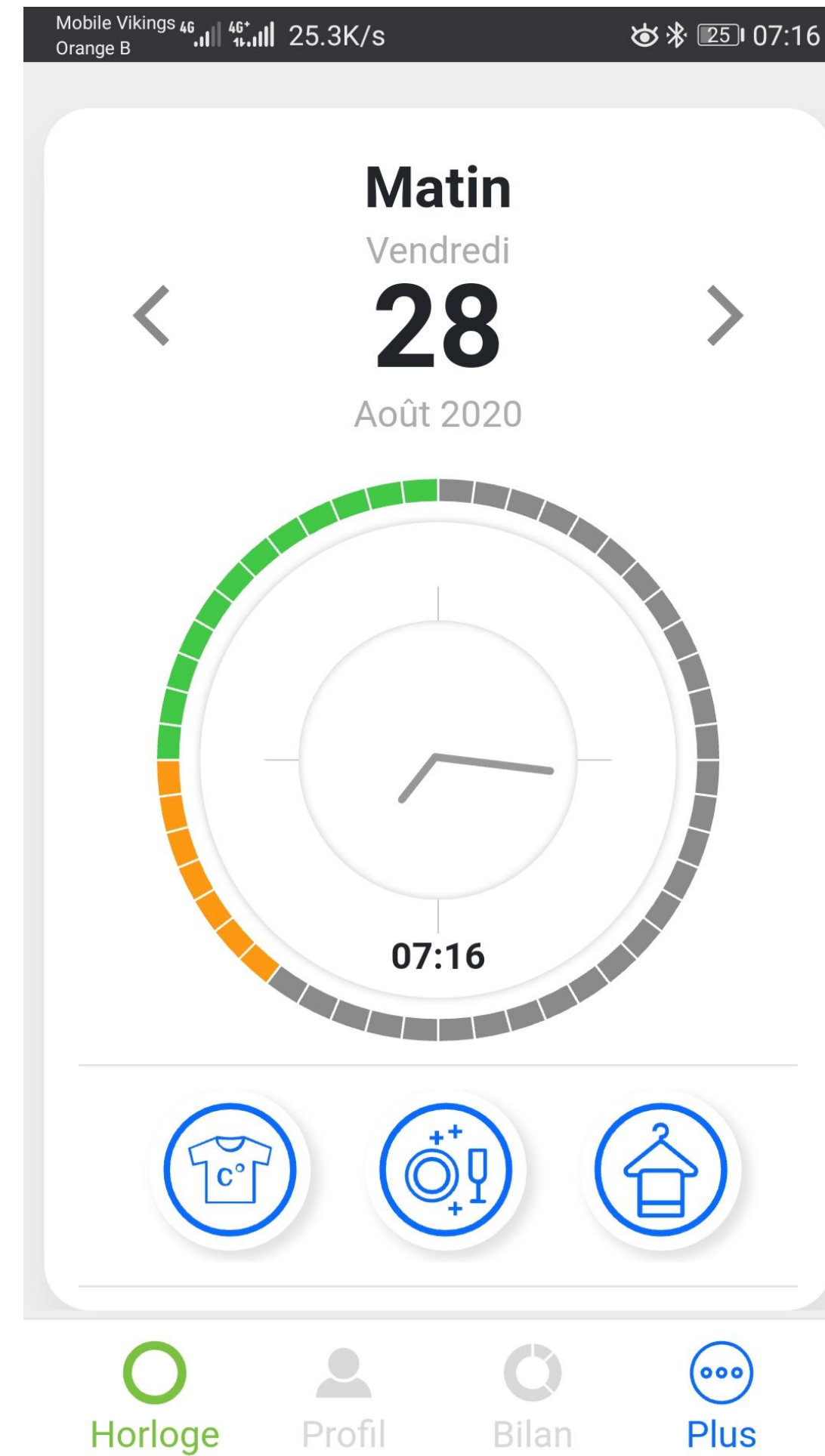
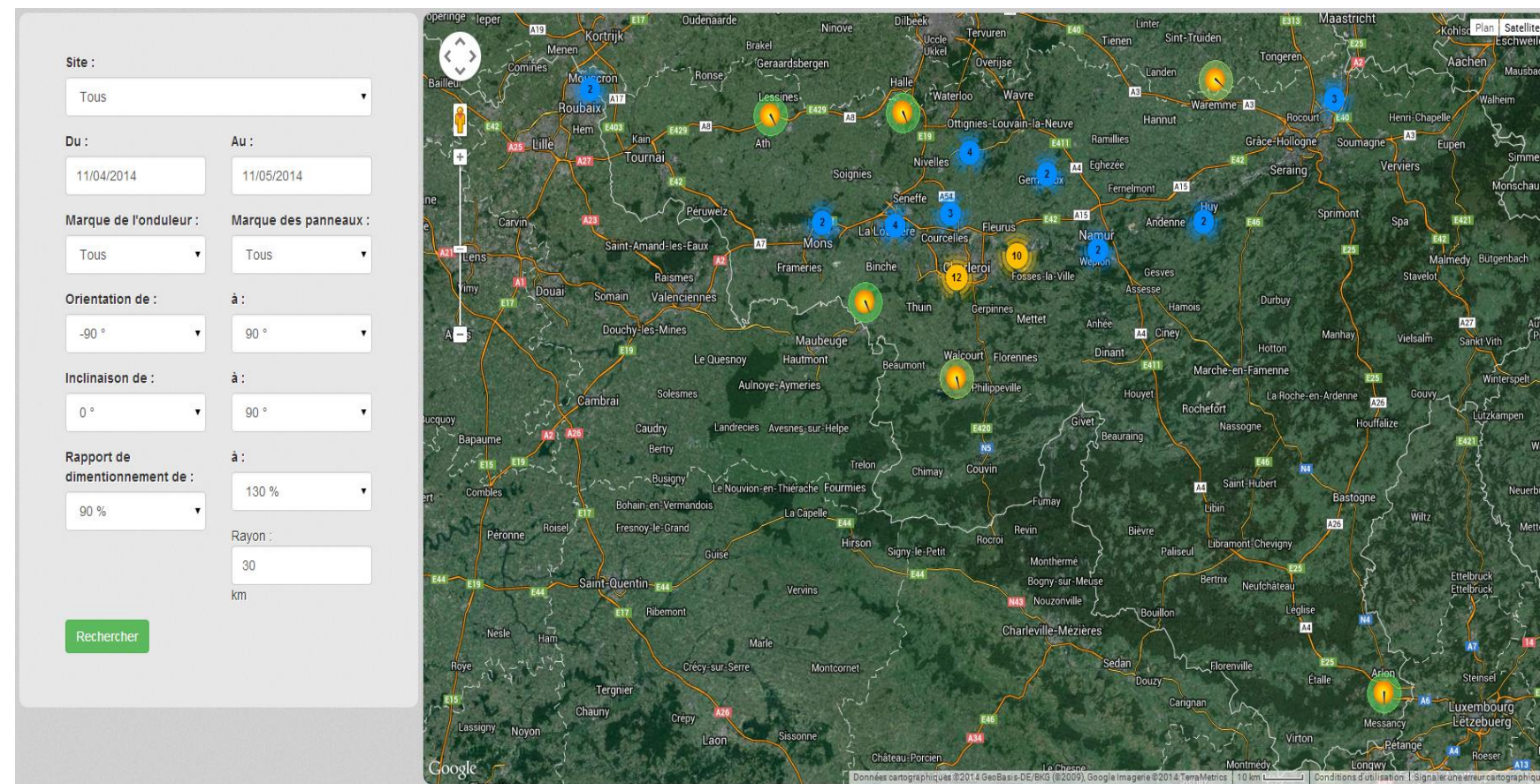


DIN rail or direct
mounting

Energy Community Scheme



The « Weather » of your self-consumption



Questions ?

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