

MAGE

Program

Measure and
Accompany
to
Guarantee
Energy savings

MAGE PROGRAM

→ This innovant program offers personalized and long time support to families in an energetic poverty situation

→ to allow economy savings

→ with connected objects

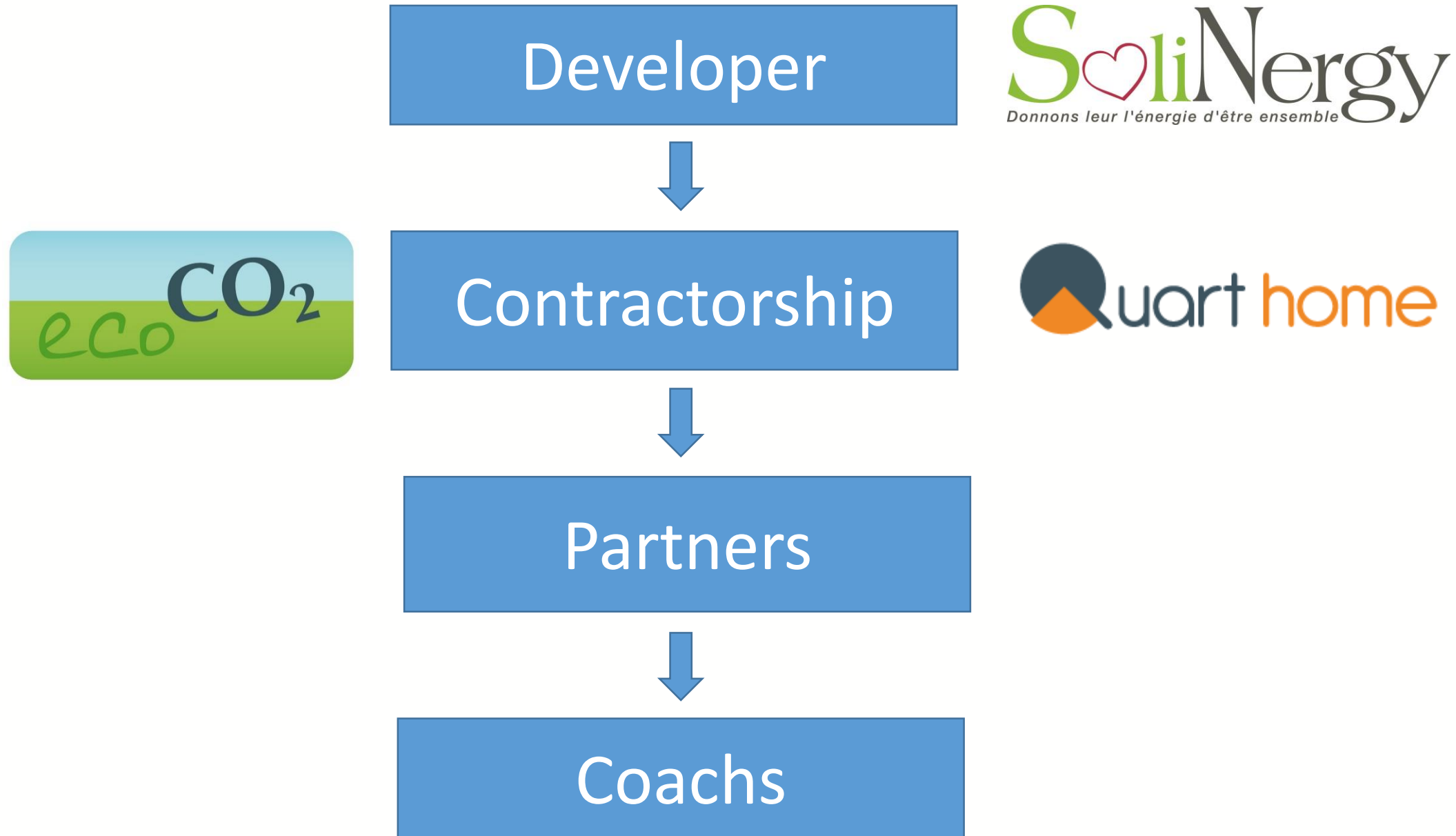
→ used for measure, in the real time, their energy consumption.



The resident is the actor of his energy consumption !



Organisation of the different actors of the program MAGE



Eligibility criteria for the MAGE program

- High performance housing ;
- Very modest and modest occupants ;
- Residents must have the wifi ;
- Operations included a change of context ;
- Privileged occupants using electricity heater not gaz.



Our solution : a personalized support for one year

1

Collective meetings

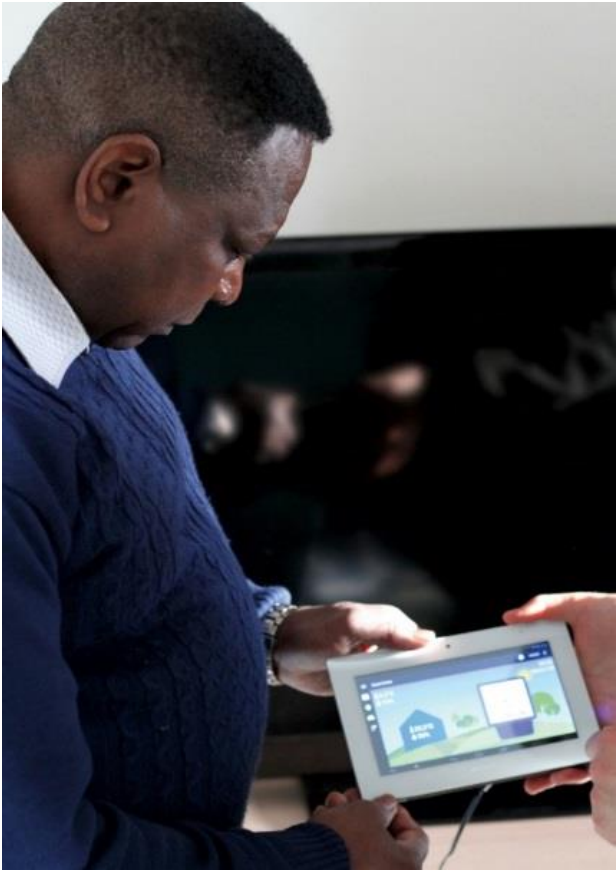


2

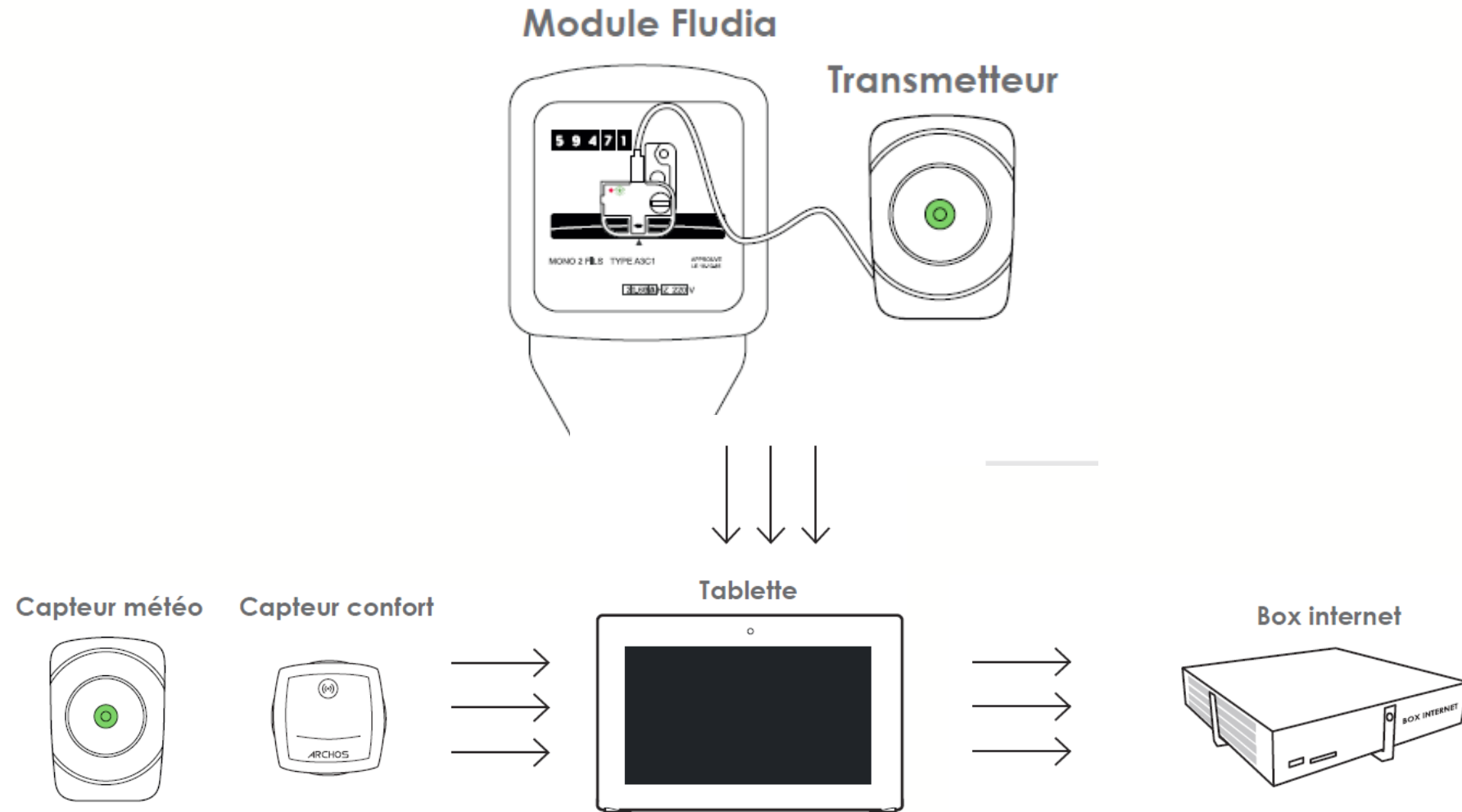
Personnalized accompaniment



First visit : installation of the tablet and sensors devices



Technical description



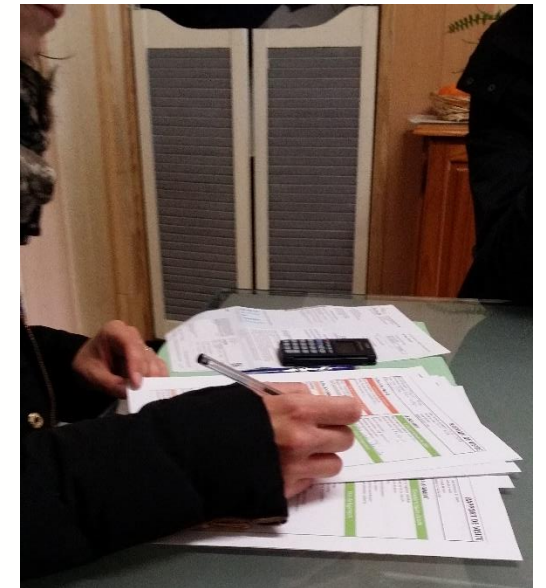
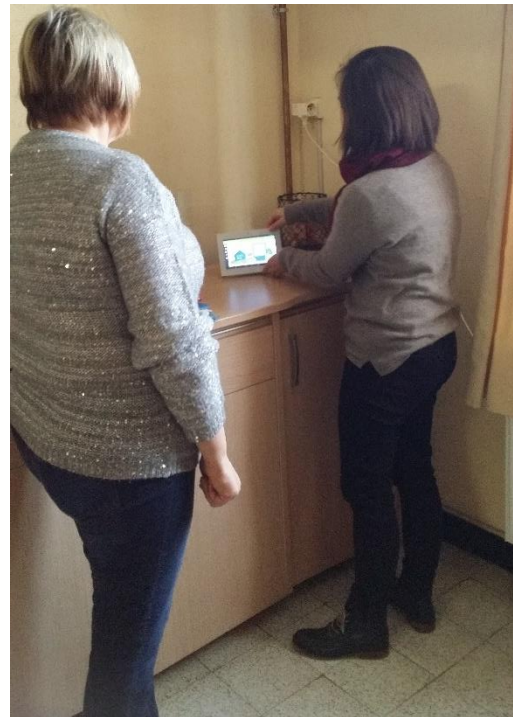
First visit : installation of the tablet and sensors devices

Report of data

Connect the
tablet and
sensors devices

Install
economics
equipments

Realize the
diagnosis of
housing

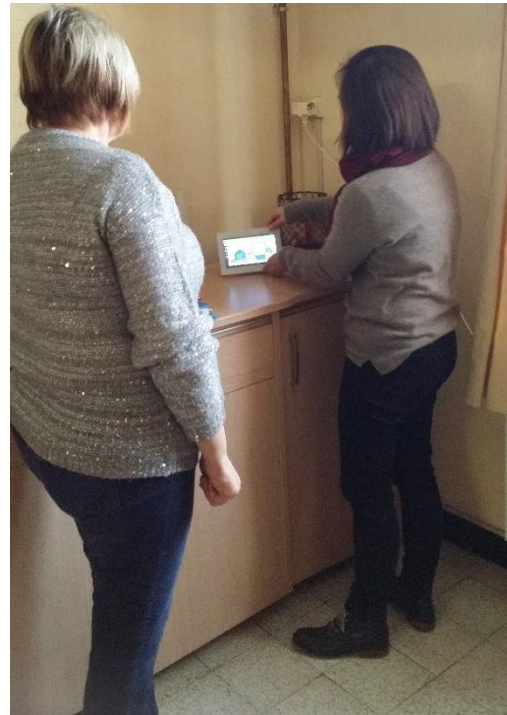


Second visit : review of the installation after 3 months

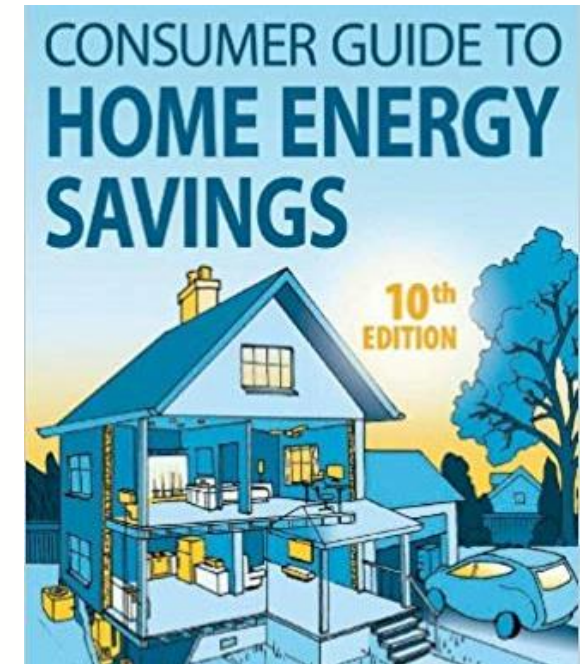
Update on the operation of the equipment



Balance of household consumption



Development of the action plan



Third visit after one year : evaluation

**A constant following between
3 months and one year**



**Eco
coaching**

Evaluation/report



**Principals subjects
of the tablet**

Home screen

↓ 13°C

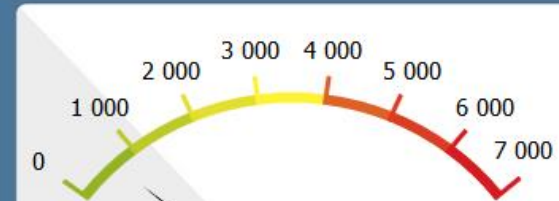
💧 94%

7:37

20/11/15

↓ 21°C

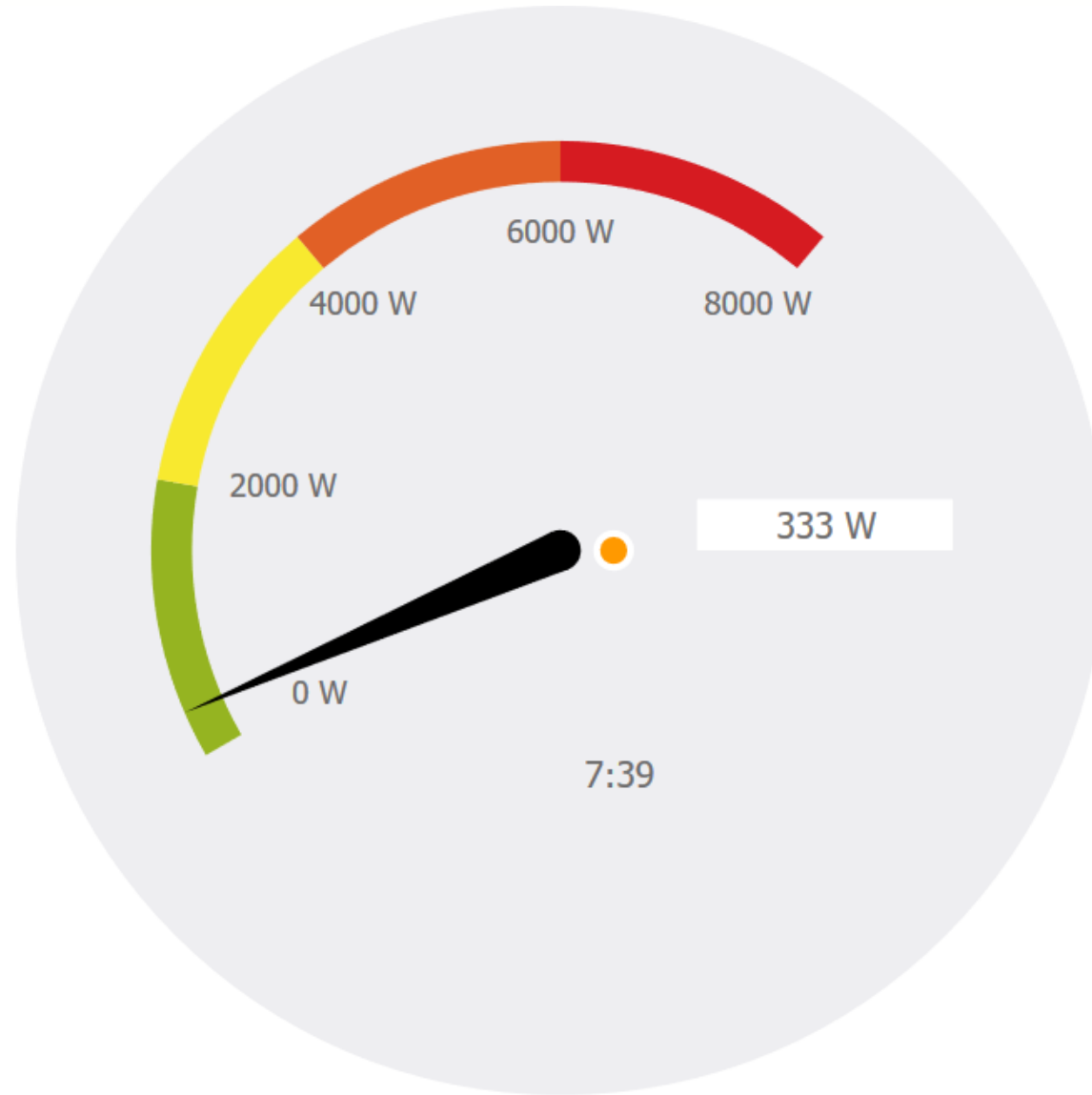
💧 57%



Puissance

587 W

Required electrical power

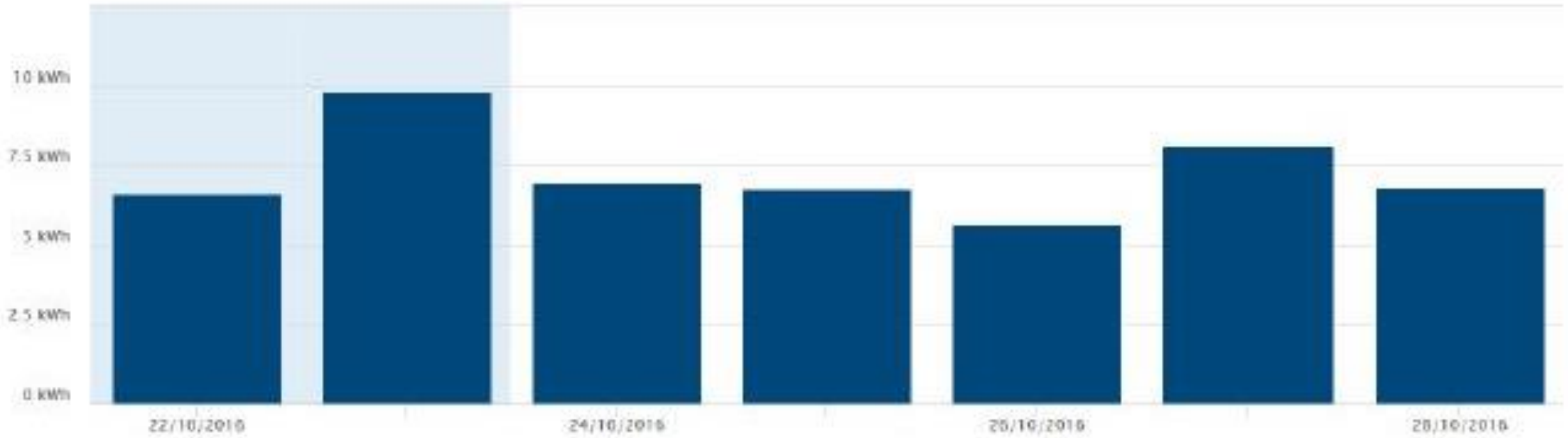


Electrical consumption

Par Jour

Personnalisée

◀ Du 21 octobre 2016 au 28 octobre 2016 ▶



Unités

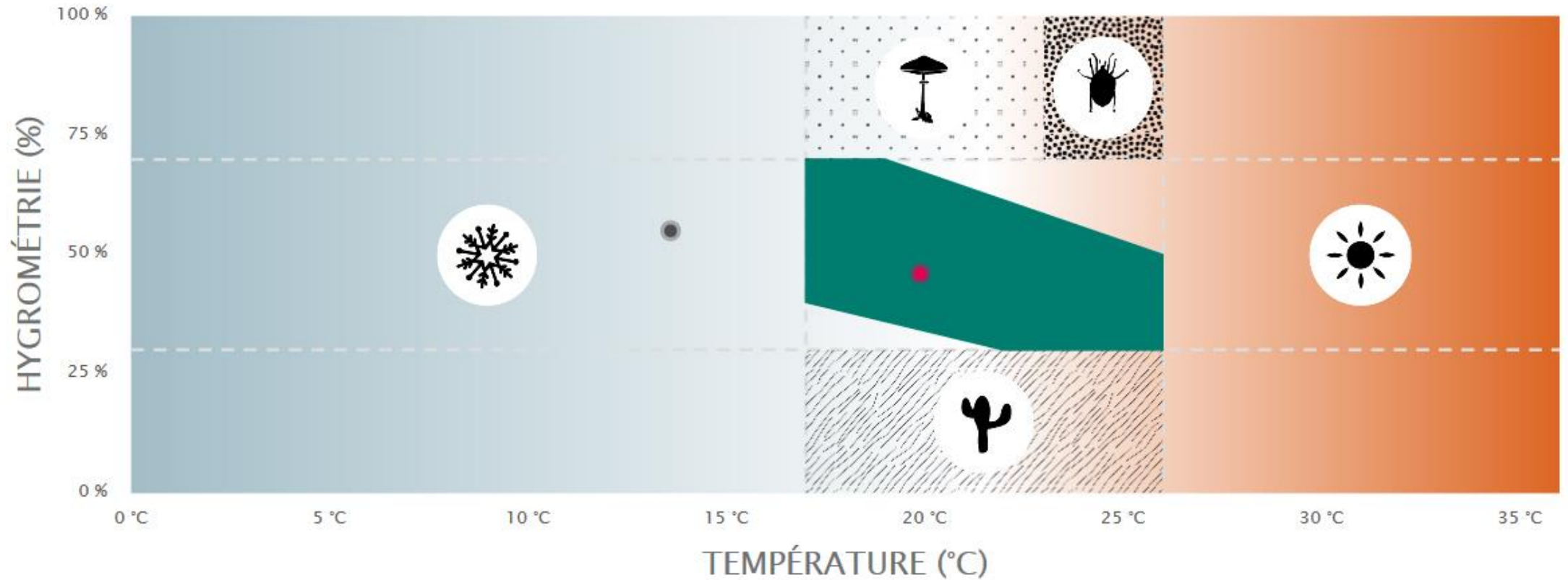
KWH

EUROS

Légende

■ Base

Current confort level




Options


JOUER LA JOURNÉE


Affichage


Weather Tag


Légende

 Zone de confort

 Inconfort - Froid

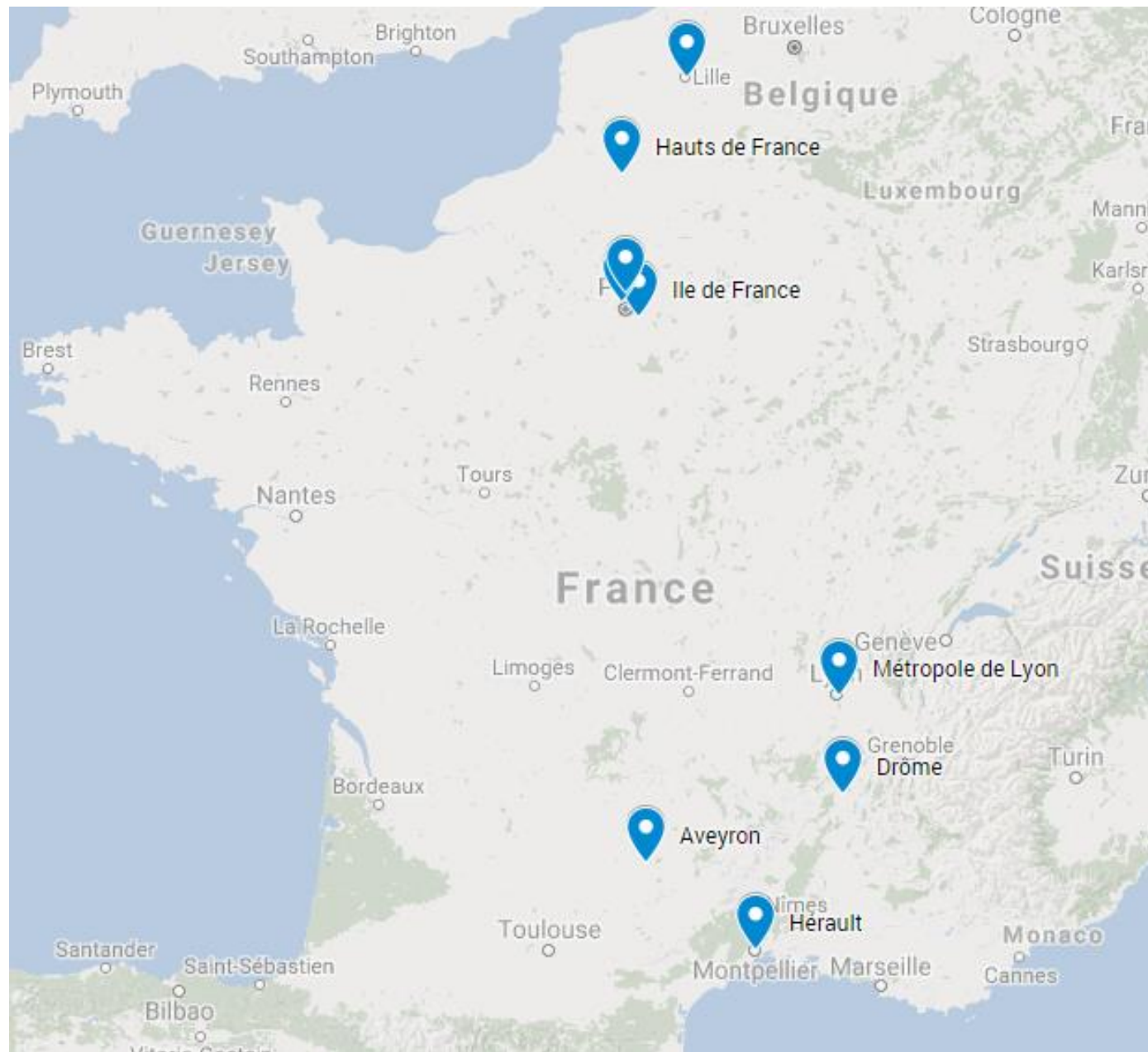
 Inconfort - Chaud

 Sécheresse

 Champignons

 Acariens

Operation MAGE in progress



Strenghts of the program

- ➔ Give power and responsibility to the occupant.
- ➔ The instant measure of consumption : average 8% of energy savings per family.
- ➔ The technology serving the poverty conditions.
- ➔ The personalized and long term support of the occupants.
- ➔ The resident chooses without restriction or privation comfort. We also talk about healthy conditions.
- ➔ Free of charge program.
- ➔ A complementary program of others like energy diagnostics or comfort works.

Difficulties experiences

- ➡ Find coachs dedicated exclusively to the mission.
- ➡ Up to date, lack of visibility on the program.
- ➡ Long term negotiations with partners.
- ➡ Up to date, amount remaining to be financed by the communities.
- ➡ The technicals difficulties with the tablet in collective housings.
- ➡ The cost of the tablet for us which increased from.
- ➡ Difficulties to contact residents and enter in some housings.
- ➡ Occupants not concerned by technology.

The MAGE development

- 1 Deploy distant coaching.
- 2 Find bigger operations: 300/400 housings.
- 3 Deploy MAGE program after a technical and social diagnosis of the house.