



**No home without Energy**

Spanish partner of:



Awarded:



A programme of :



**15% of Spanish households (6.8 million of people) experience inadequate temperatures in their houses or delays in payment of energy bills, or both**

### Fuel Poverty problems



Health



Domestic  
Economy



Children  
education



Comfort



**María** pay high  
energy bills  
She does not  
understand the bill.

She does not know  
how to reduce it and  
where she can find  
help to do it.

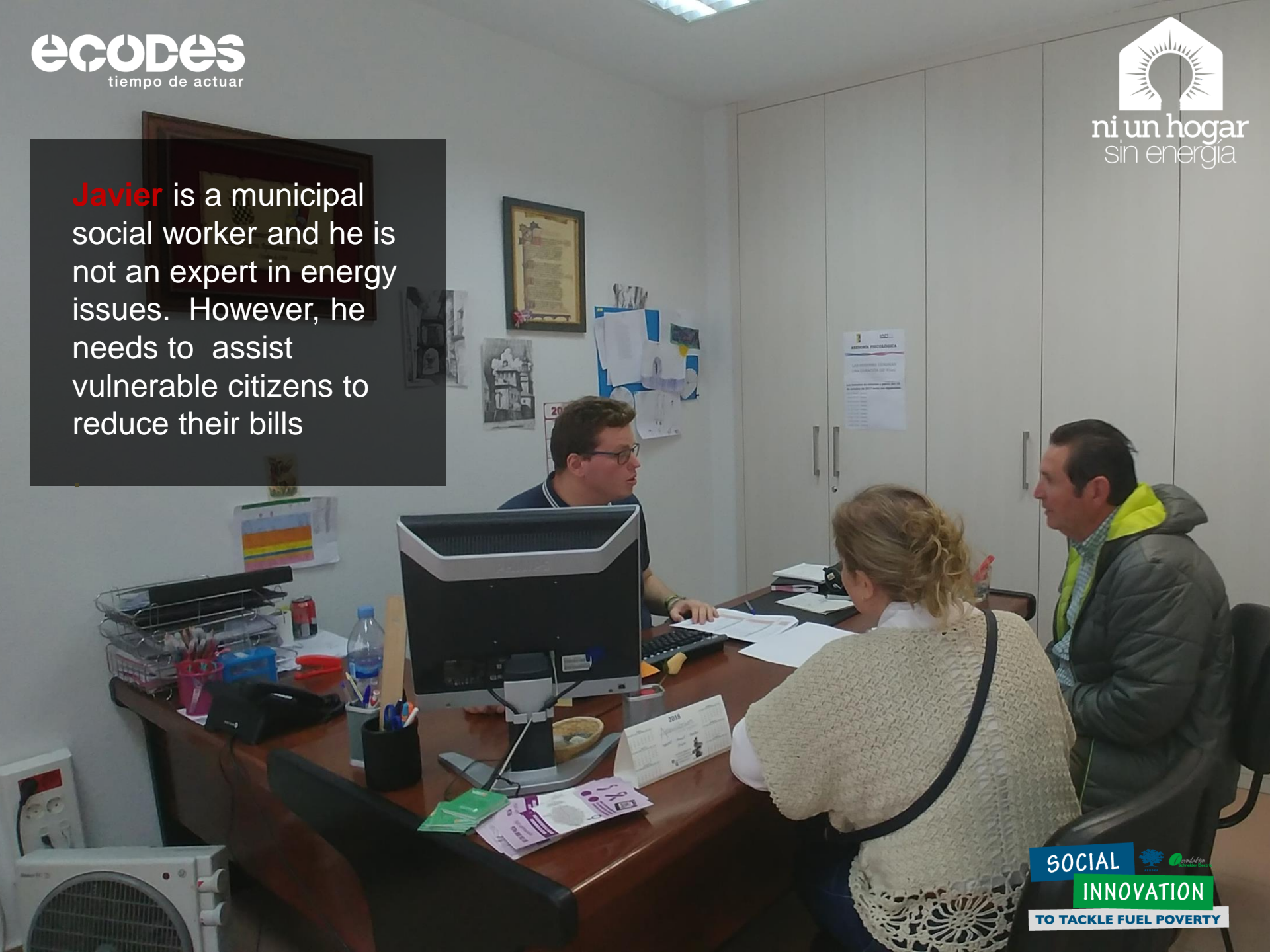




**Gloria** is not able to keep her house in a comfort temperature

She does not know what energy efficiency measures implements or what habits puts in practice.

**Javier** is a municipal social worker and he is not an expert in energy issues. However, he needs to assist vulnerable citizens to reduce their bills





We have visited  
**vulnerable household**  
and do a **energy  
diagnosis**

**FOR**

Empowering  
people with  
energy  
knowledge

**A. Report with recommendations  
to reduce energy bills**

- Switches in energy contracts
- Efficiency Energy measures to improve household (micro-efficiency, rehabilitation,...)
- Energy Efficiency habits

**B. Training to understand  
energy bills and energy  
efficiency habits**

**SOCIAL**

**INNOVATION**

**TO TACKLE FUEL POVERTY**

We have  
visited 875  
vulnerable  
household in  
23 cities in  
Spain



**30 %**

Average Energy  
Savings

**Achieved with:**

- Measures of micro energy efficiency
- Habits of responsible consumption
- Switch of contracts to adapt them to real needs..

**Moreover we have helped more  
than 2.000 people through our  
on-line tools**



**Average savings per month**  
**151,24 €**



## #NiUnHogarSinEnergia



## Impact

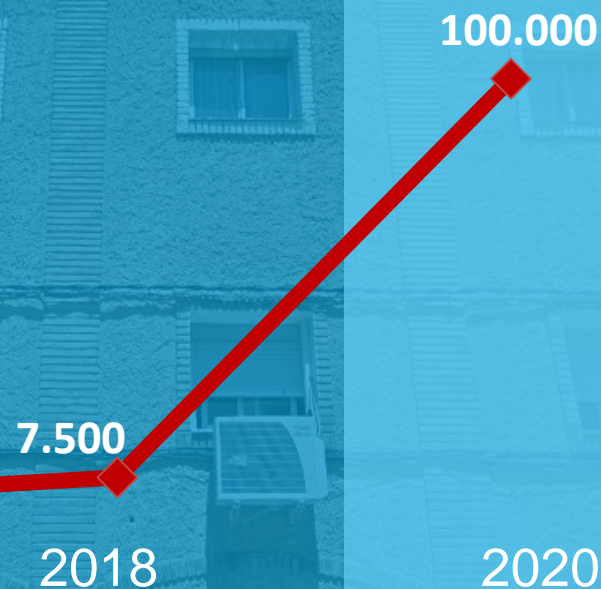
People advised to reduce energy bills

### What we have already reached



Field interventions by ECODES  
or volunteers

### The Challenge

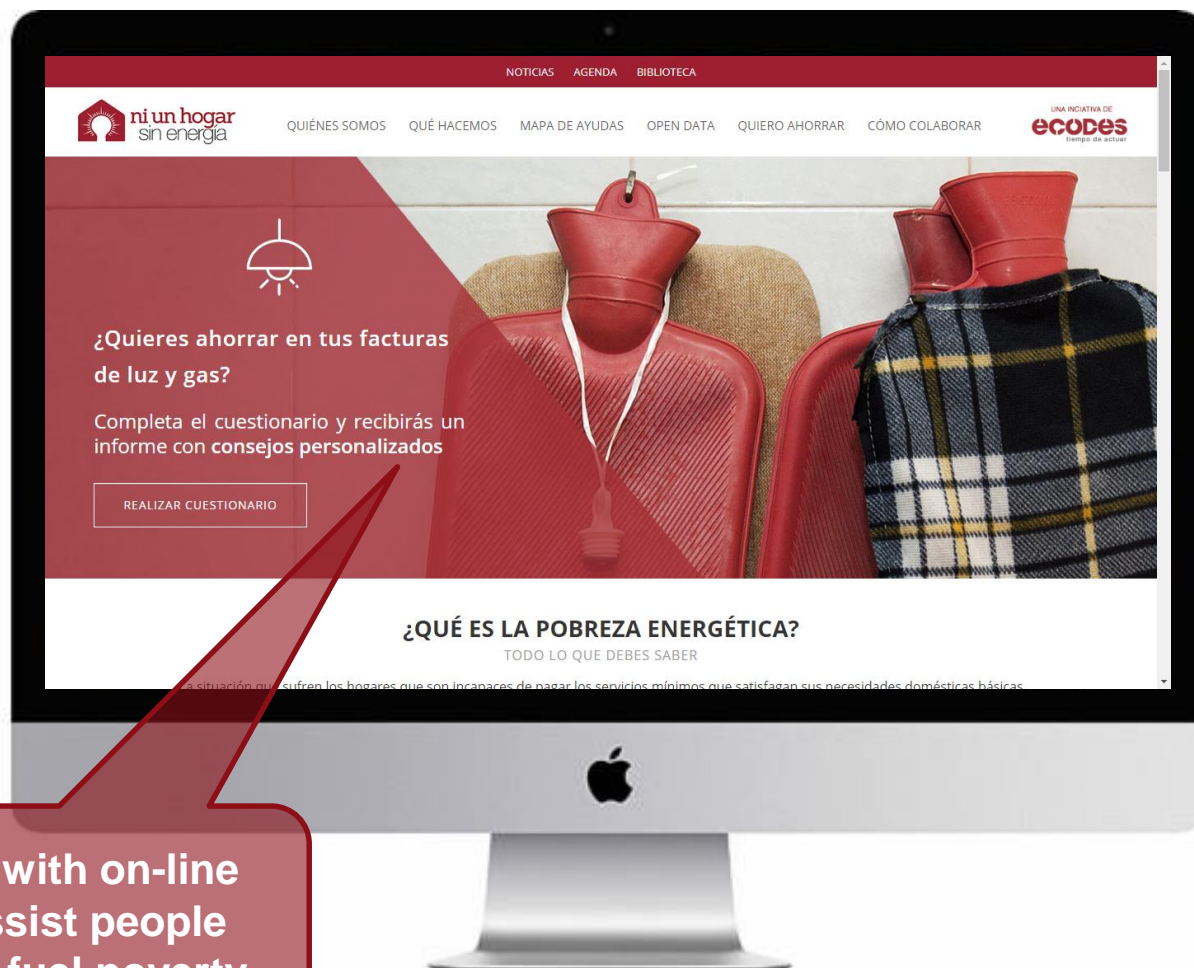


### Scalable model:

To Spread knowledge and tools to reduce energy  
in a massive and cost effective way

# Our Solution

[www.niunhogarsinenergia.org](http://www.niunhogarsinenergia.org)



A platform with on-line tools to assist people affected by fuel poverty



# Solutions for all players in the Energy Poverty Ecosystem



Open source



**An on-line questionnaire to provide automatically personalized recommendations** to reduce energy consumptions and save money



**Interactive map of Energy Poverty aid and initiatives** and platform with resources (docs, news, agenda)



Social licensing



**Fuel Poverty management on-line Toolkit** for stakeholders



**Awareness and Advocacy work for fostering laws** and policies to tackle energy poverty based on based on real data gathered by questionnaires.

People affected by Fuel poverty. (Vulnerable citizens)

- Social NGOs
- Municipal Services
- Consumer organizations
- Corporate volunteers
- Etc.

- Media
- Policy makers

# Our Secret Sauce

[www.niunhogarsinenergia.org](http://www.niunhogarsinenergia.org)

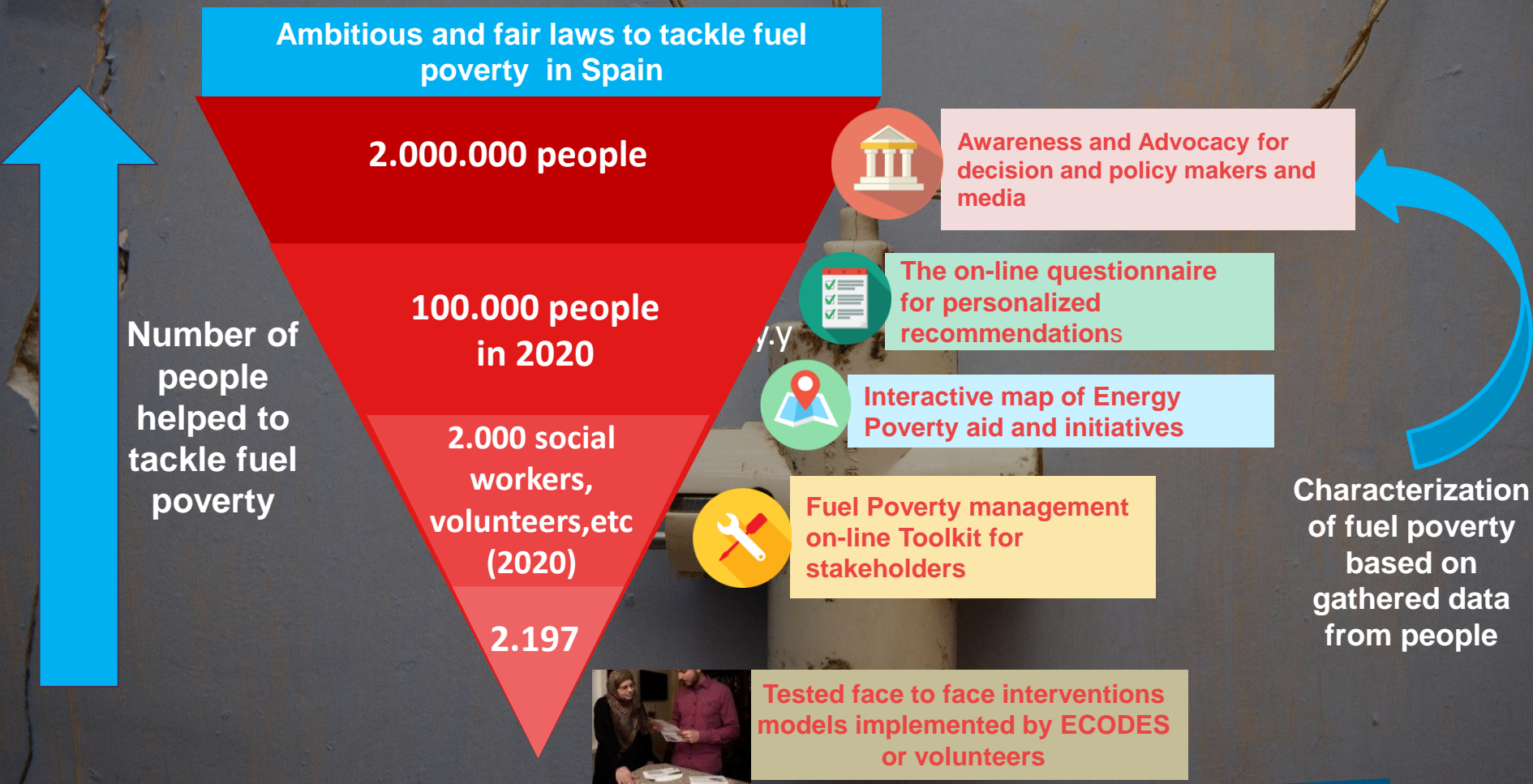
**Simple tools:** stakeholders do not need to be energy experts to assist vulnerable citizens

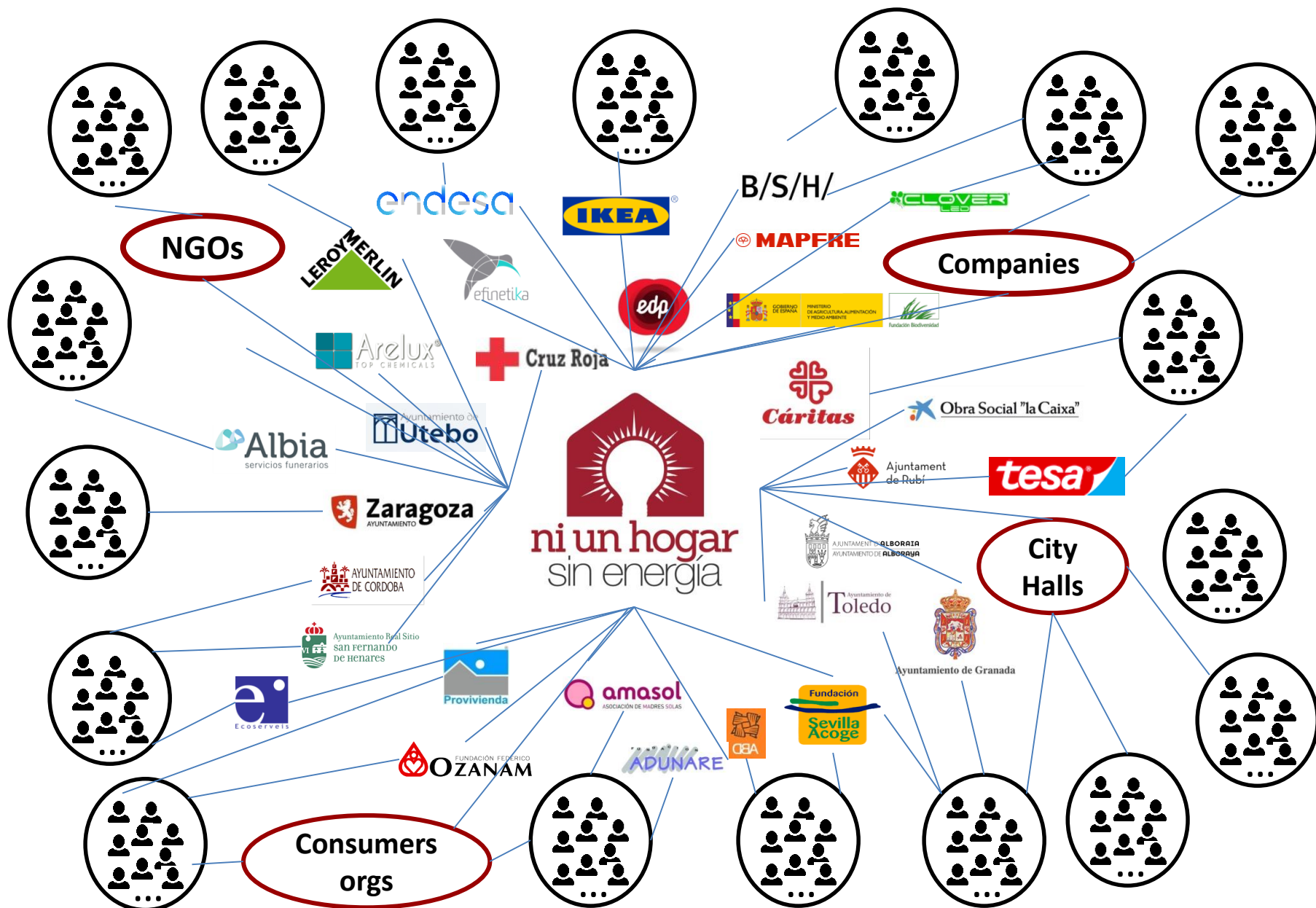


**The questionnaire offers a homogeneous methodology for the diagnosis and treatment of energy poverty what allows to aggregate and exploit data to characterize EP and do awareness and advocacy**



# Our challenge and Impacts







## People affected by Fuel poverty

## Stakeholders

**100.000 people** use the on-line questionnaire to reduce energy bills by 2020

**2.000 social workers, volunteers, etc.** use on-line tools to help vulnerable citizens

## Decision- Makers and Politicians

**Ambitious and fair laws** and policies to tackle fuel poverty based on characterization from data gathered

**30 % of saving of  
electricity bills per  
household**

**A 30 % reduction of Fuel  
Poverty in Spain by 2020  
(2 million people)**

**SROI**

(Social Return on  
Investment)

**1€**



**3€**

**SOCIAL**

**INNOVATION**

**TO TACKLE FUEL POVERTY**



# Impacts

**María** has reduced the amount of her electricity bills by **27%**.

In addition, the incandescent bulbs of her home have been placed by LED, weatherstrip has been placed on doors and windows and her obsolete fridge and washing machine have been placed by high efficiency new ones.



# Impacts

**Gloria** has reduced the amount of her electricity bills by **44%**. In addition, the halogen bulbs of her home have been placed by LED, old fridge and washing machine have been placed by high efficiency new ones and the volunteers help her to process the social electricity bill discount.

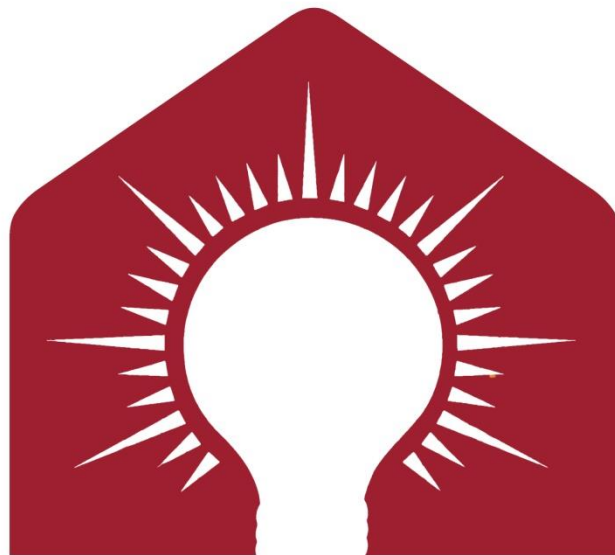
# Impacts

**Javier** can use our on-line tools to easily advise people affected by fuel poverty in municipal social services



# Impacts

**Luis Alberto**, an ENDESA worker, can have direct contact with people suffering fuel poverty to help them to reduce energy bills



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sin energía  
.org