



POWERPOOR

Empowering Energy Poor Citizens through Energy Cooperative Initiatives

Energy communities and cooperatives – The case of Goiener

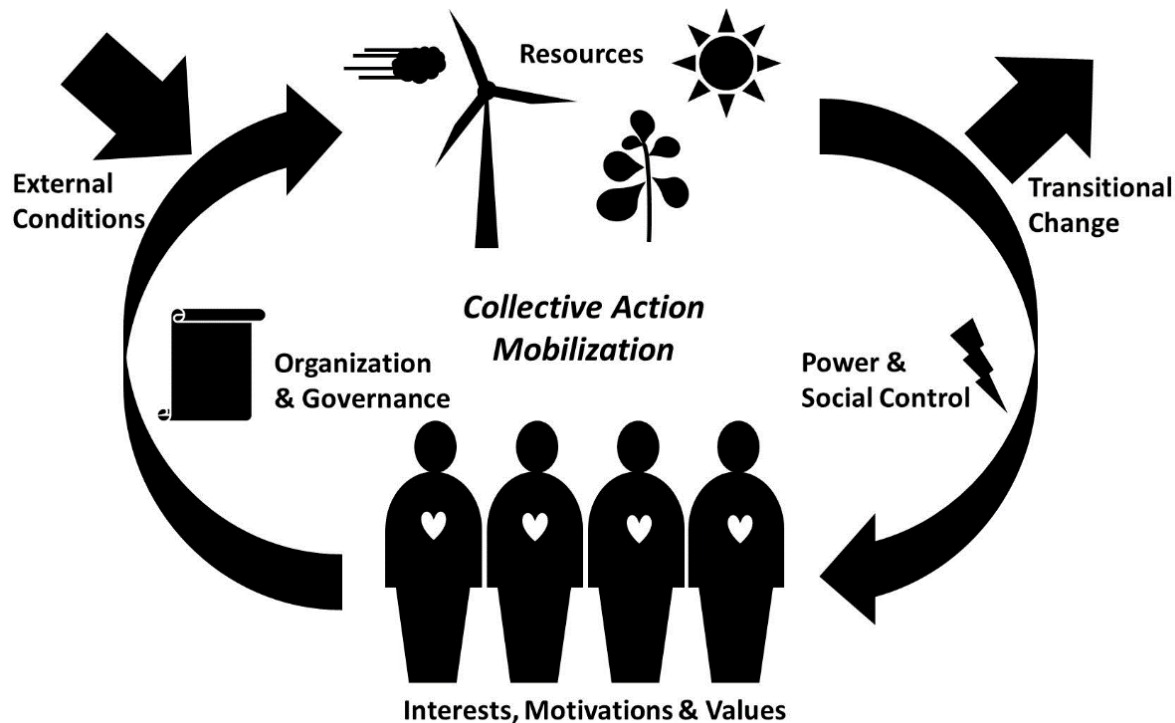
GOIENER

22nd of February 2022



This project has received funding from the European Union's HORIZON 2020 research and innovation programme under grant agreement No 890437

Collective Innovative Actions such as energy communities or crowdfunding initiatives are based on a simple yet powerful idea:



There is strength in numbers!

Collective Energy Initiatives

Collective Energy Initiatives, as the name indicates, are initiatives to bring citizens together and develop joint strategies to:

- gain **access** to affordable energy
- **tackle a certain issue** such as energy poverty
- **empower** citizens in the energy market
- find a **new electricity source**, for instance, by switching from traditional retailers to renewable energy ones and/or to self-generation.

Energy communities are...

- A way of organising **collective citizen actions** to influence the energy system
- Entities that exercise **energy-related activities** (generation, distribution, supply, aggregation, consumption, sharing, storage of energy, provision of energy-related services, etc.)
- Non-commercial **market actors**, that can facilitate collective switching campaigns, collective investments in solar panels, the ownership of an energy supply company, a distribution network, etc.

Energy communities are based on...

- Open and voluntary governance
- Ownership and control by citizens, local authorities and small businesses
- Social, environmental or local economic benefits rather than profit-making

ENERGY COMMUNITIES

Two new definitions at the EU level

Renewable Energy Community (REC)

Citizen Energy Community (CEC)

All forms of renewable energy



Technology-neutral (only electricity)

Proximity of RE projects



No geographic limits

Individuals, local authorities and
micro/small/medium enterprises



Any participant

Autonomous from individual
members
and traditional market actors



Undefined degree of autonomy

Effective control by individuals, local
authorities and micro/small
enterprises



Effective control includes medium-
sized enterprises



Energy Communities can have different legal forms:

Foundations

Partnerships

**Limited liability
companies**

Energy cooperatives

Associations

Trusts

**Non-profit
organisations**

ENERGY COOPERATIVES

A type of social and economic enterprise

A legal form that enables citizens to collectively own and manage energy-related projects and services

- Democratic governance (1 member – 1 vote)
- Citizens can consume and share energy from renewable sources
- People can invest by buying shares or financing projects
- Surpluses are reinvested to support its members and/or the community

Collective Energy Initiatives

Energy cooperatives



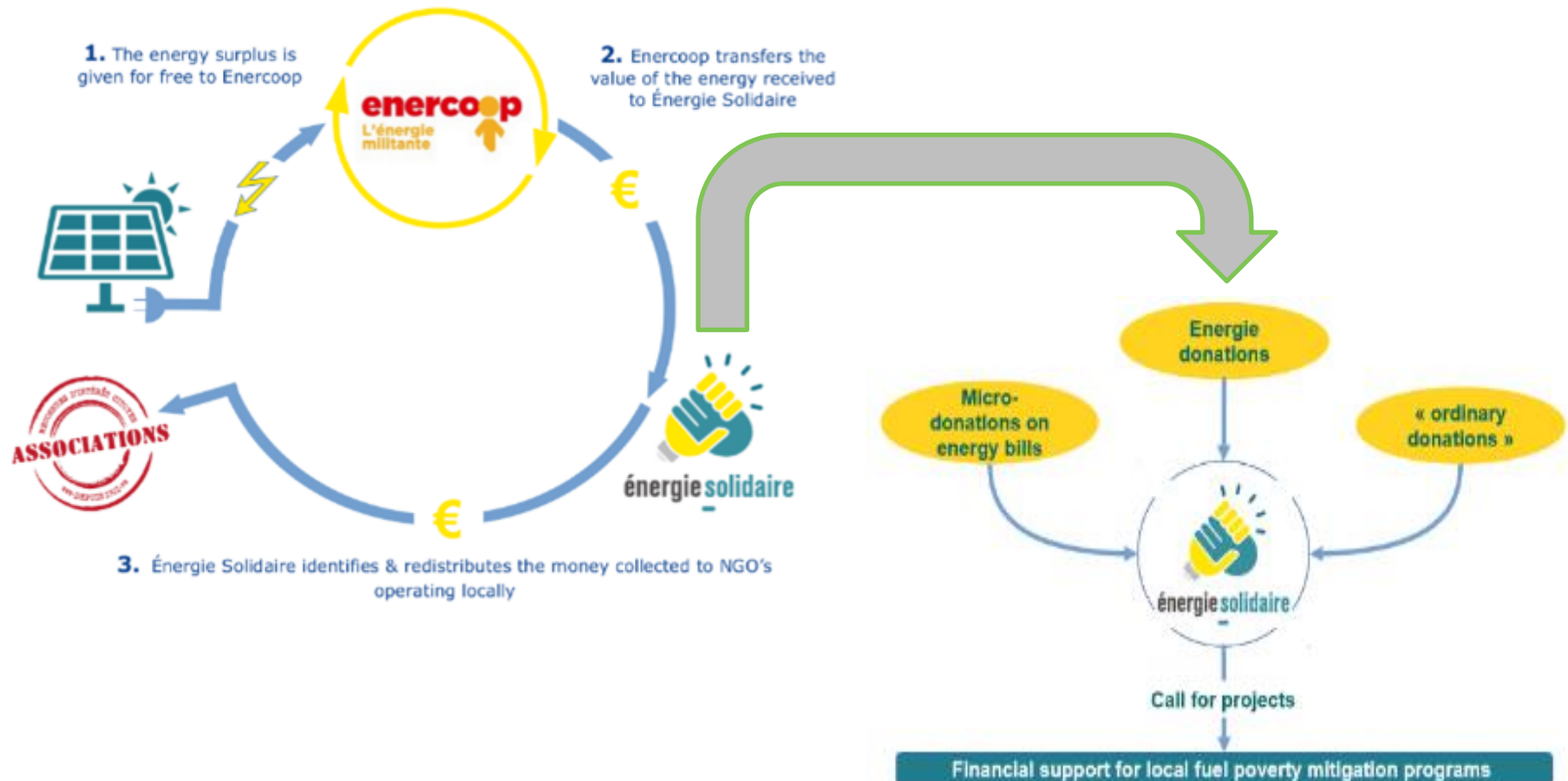
For example:

- **Sharing locally produced energy with vulnerable consumers**
 - More accessible energy prices
- **Collective purchase or ownership of goods and services**
 - Support for making investments with large upfront costs
 - Opportunity to participate in collective energy generation with no or low investments
- **Reinvesting in the community**
 - Round-up or similar mechanisms in energy bills to support vulnerable consumers
 - Accessible loans for investments within the community (e.g. microcredit)
- ...and much more!

Collective Energy Initiatives

How can they help fight energy poverty?

CASE STUDY 1

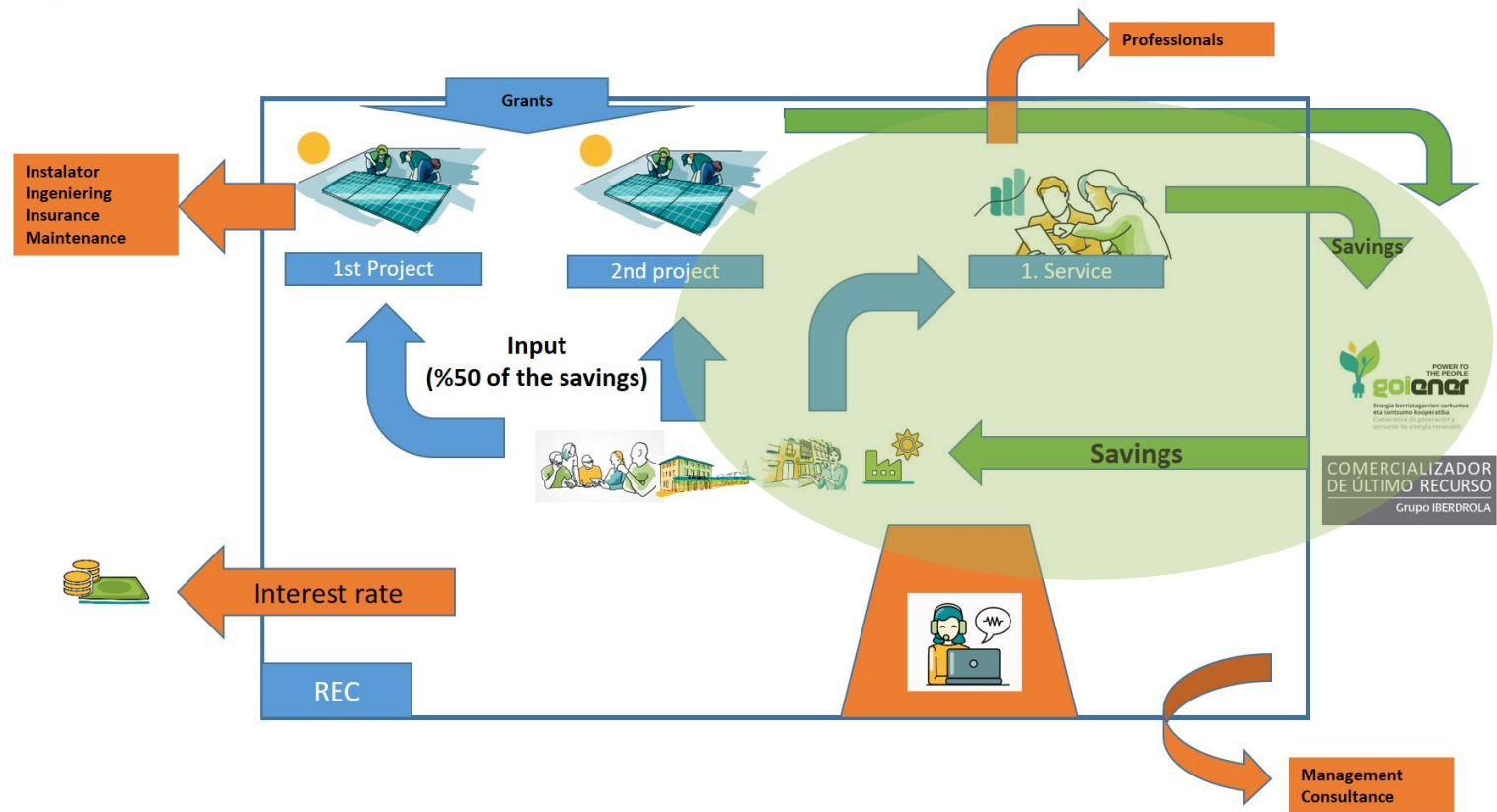


Collective Energy Initiatives

How can they help fight energy poverty?

CASE STUDY 2

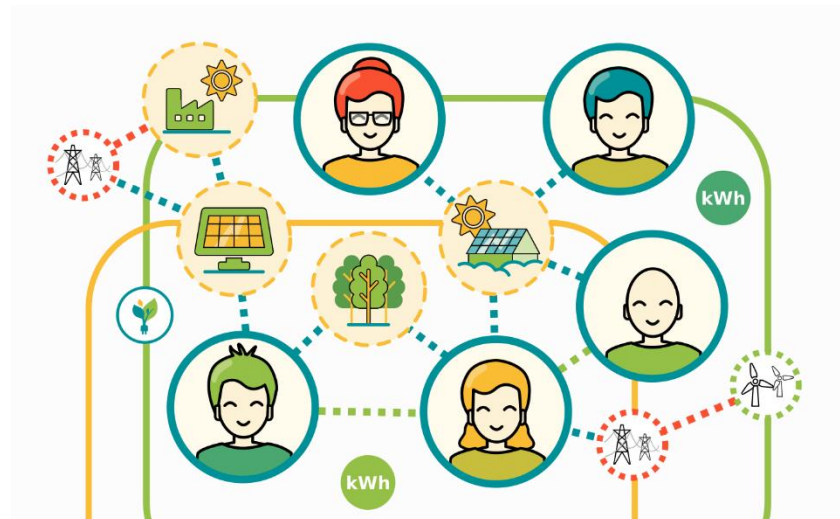
Operative scheme of a REC



General guidelines to **CREATE AN ENERGY COMMUNITY**

1. **Get organized** → build up your group of people
2. **Define your goals** → which type of activity will be conducted?
3. **Choose your legal form** → energy cooperative?
4. **Look for support** → what kind of support, and from whom?
5. **Start your activity** → and tell the world about it!

An **energy cooperative**,
supporting **energy communities...**



ENERGIA KOMUNITATEAK

Collective Energy Initiatives

The case of Goiener

WHAT'S A REC



Collective Energy Initiatives

The case of Goiener

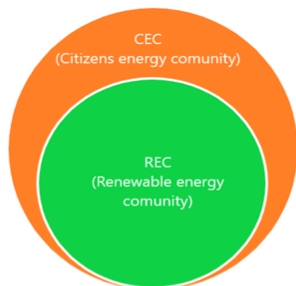


Structure of a REC, for example:

	Directive	Type of member				
		Consumer	Service provider	Colaborator	Investor	Worker
Type of person	Natural person	√			√	√
	Small company	√	√	√	√	
	Medium company	√	√	√	√	
	Big company			Very limited		
	Public institution (local)	9/2017 LCSP Law		33/2003 PAP Law 2/2004 LRHL RD 7/1985, RBRL Law	33/2003 PAP Law 2/2004 LRHL RD 7/1985, RBRL Law	
	Public institution (not local)			Very limited		
	Organization/Asociation	√				
	Example of power %	60%	10%	10%	10%	10%
	Example of membership fee	10€	10€	1000€	100€	10€

Collective Energy Initiatives

The case of Goiener

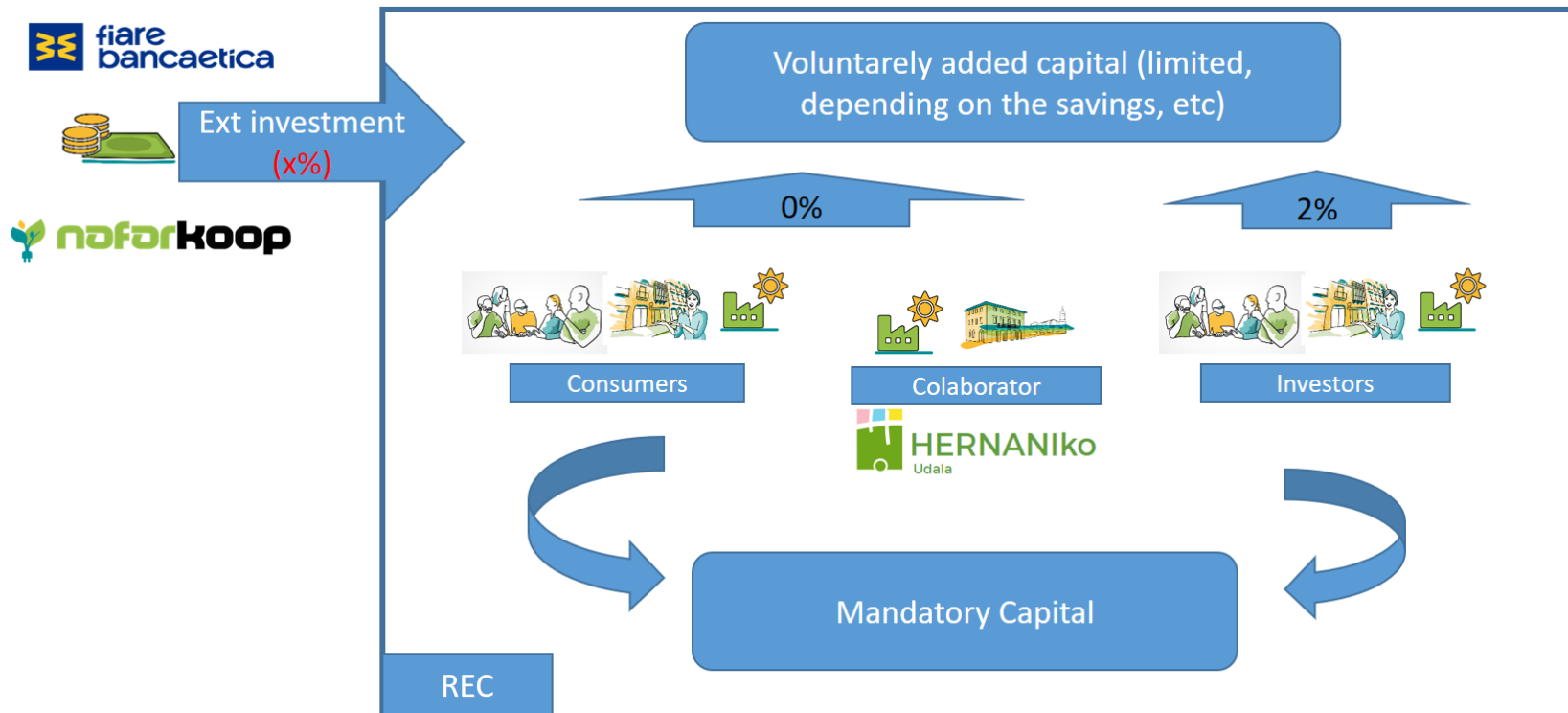


ENERGY COMMUNITY OFFER

ZERBITZU - XEDEA			CEC			REC			BOTH		
			EGUZKIA		HAIZEA	URA		BIOMASA			EZ
			FV	TERMIKOA	Txiki	Txiki	Basoko	Nekazari	Hondakinak	BERRIZTAGARRIAK	
Autoekoizpena	Norbanakoa										
	Partekatua										
Ekoizpena	Argi indarra										
	Termikoa	Beroa									
		Hotza									
Aholkularitza		Partziala									
	Birgaitze	Sakona									
		Integrala									
	Energia-Efizientzia										
	Formakuntza eta Informazioa										
Ibilgailuak Birkargartzeko	Puntuak										
Auto Partekatua	Elektrikoa										
	Besteak										
Eskariaren Agregatzailea											
Argi indar Mergaturatzailea											
Gas Merkaturatzailea											
BERO/HOTZ merkaturatzailea											
Banaketa Sareak											

A REC, can do collective self-consumptions and many more activities.

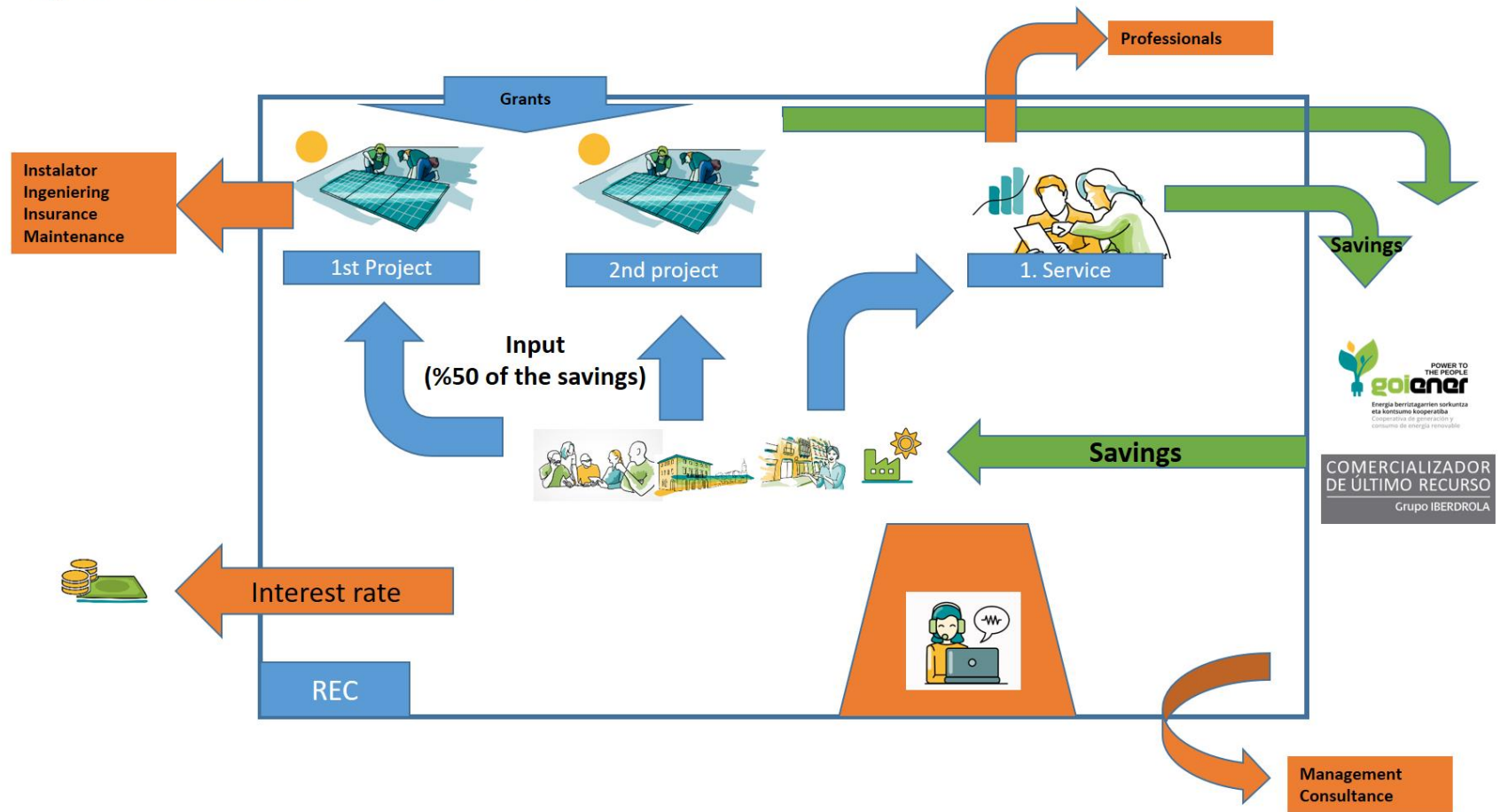
Financial scheme of a REC:



Collective Energy Initiatives

The case of Goiener

Operative scheme of a REC



ENERGY COMMUNITIES

WHAT DOES GOIENER OFFER

We know:

- **Creating** cooperatives
- **Developing** Energy projects
- **Working with people**

But the **protagonists** are others



CREATING THE ENERGY OF THE FUTURE



www.goiener.eus

References and further reading

- POWERPOOR Online Library:
<http://powerpoor.eu/library>
- Powerfund Tool: <https://www.powerfund.eu/>
- “Community Energy: A practical guide to reclaiming power” by Friends of the Earth Europe, REScoop and Energy Cities. October 2020. Available here:
<https://www.rescoop.eu/toolbox/community-energy-a-practical-guide-to-reclaiming-power>

Thank you for your attention!

Aitor Ossa Rissanen
GOIENER Taldea
aitor.ossa@goiener.com

Oier Etxebarria Gutierrez
GOIENER Taldea
oier.etxebarria@goiener.com

