nterconnect
interoperable solutions
connecting smart home
buildings and grids
H2020 - 857237
A European project that is changing
the way energy is consumed.
www.interconnectproject.eu
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SUSTAI
PLACES
Sep. 6 - Sep. 9, 2022 |

Plan :

1. *InterConnect, innovation at the service of energy.*
2. *From consumer to consumer-actor.*
3. *Energy communities, a win-win approach.*

TAINABLE
CES 2022
2022 | Nice, France

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1. InterConnect, innovation at the service of energy.

Democratising efficient energy management: flexible and interoperable ecosystem with a people-centred approach

Objectives:

- Reduce customers' bills (consumption)
- Reducing the environmental impact of energy consumption
- Develop the use of renewable energy

A European project

TOTAL French pilot + all French actors11.5% of the total project.

Greece
Large residential community with smart appliances and EV integration

France
Residential & non-residential, with tertiary buildings and apartments

Portugal
Residential & geographically widespread tertiary buildings

Netherlands
Residential & non-residential buildings

Germany
Groups of residential buildings and hotels

Belgium
residential and tertiary buildings in communities of multi-energy vectors

Italy
Residential social housing

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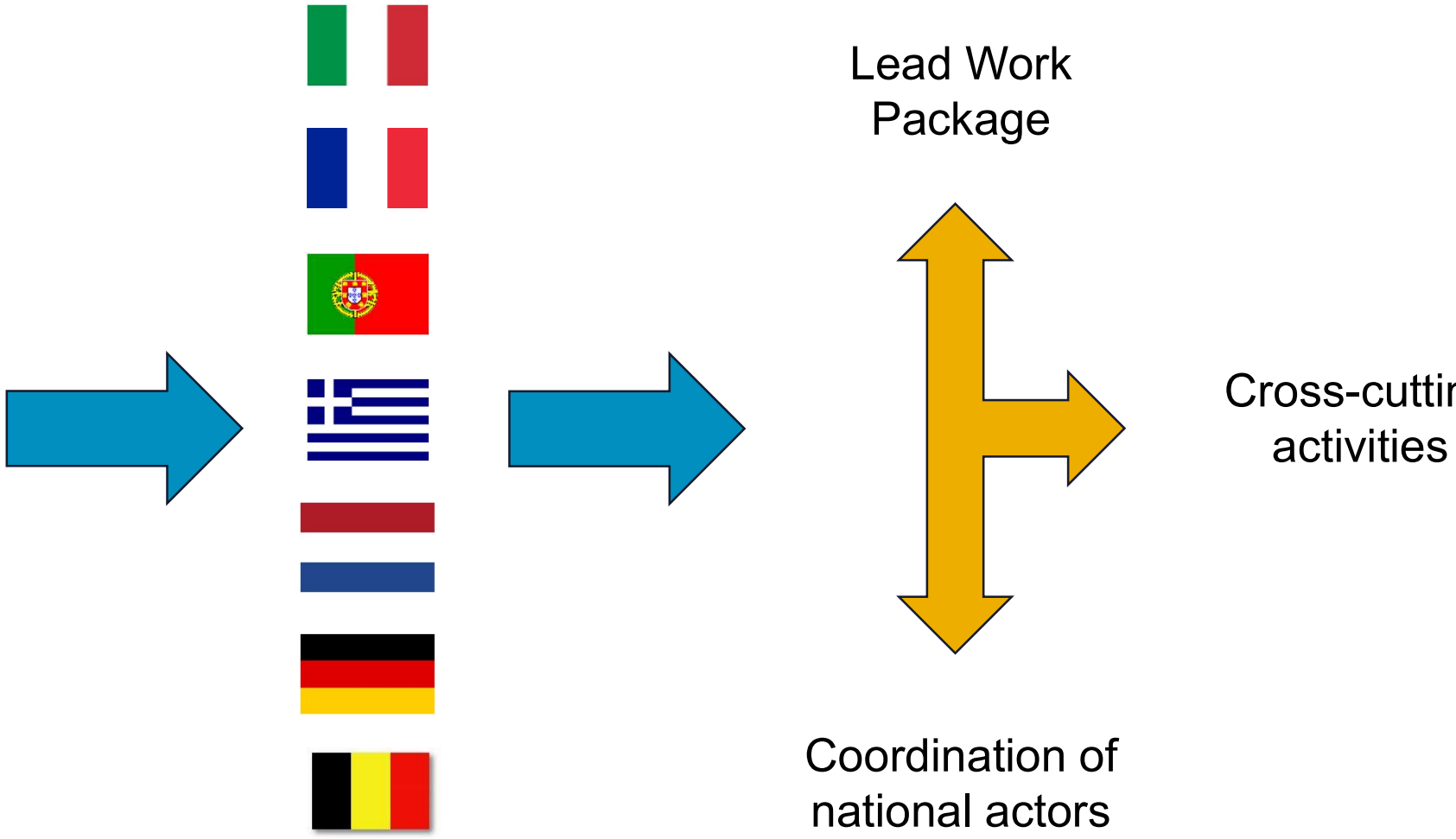
A complex organisation

WP Title
Use Cases, Business Models and Services
Domain Interoperable IoT Reference Architecture
Semantically Interoperable Components, Applications and Devices for Smart Homes and Buildings
Smart Grids Framework for an Interoperable Energy System
Digital Platforms and Marketplace
Preparation, Coordination and Monitoring of Pilots
Large-scale Demonstration and Integration of Solutions
Fostering Innovation Through Bottom-up Projects
Sustainability of the InterConnect Project
Communication, Dissemination and Exploitation
Project Management and Coordination
Ethics requirements



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53 European partner companies

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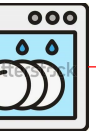

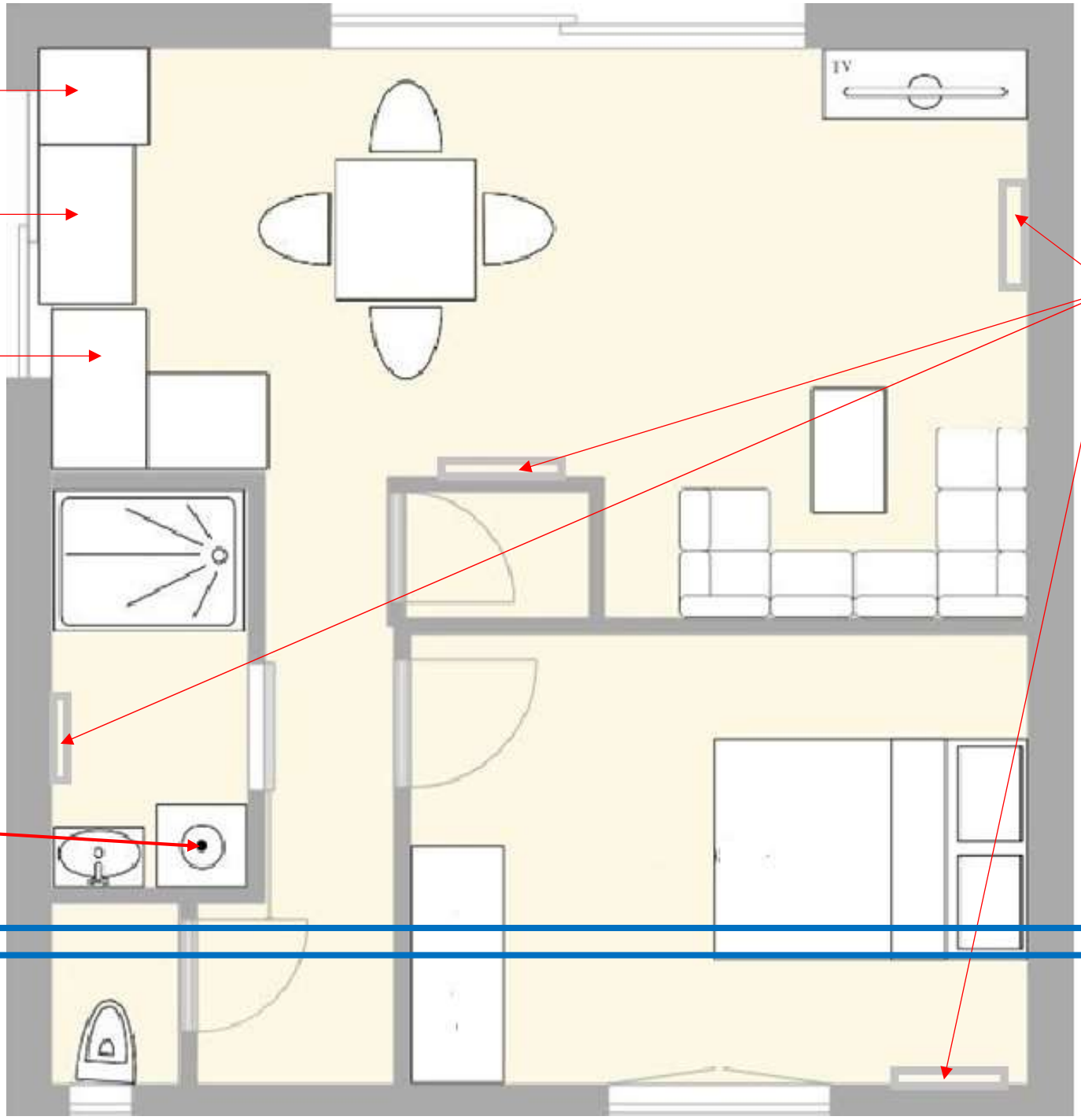

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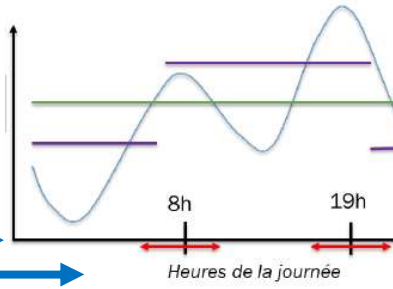

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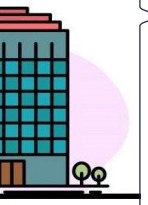
2. From consumer to consom'actor

3 000 households



30 Public buildings

30 commercial premises

30 charging stations

25 sites in Europe

1 The challenge of recruitment

All this in a context of great diversity :

- Climatic ;
- Cultural ;
- Social ;
- Economic.

The management of change

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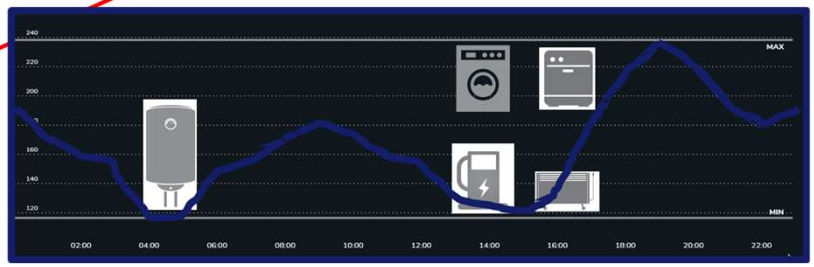
2. From consumer to consumer-actor

2 Awareness raising

Adaptation - conversion

Achieving savings



Monitoring consumption

Change management

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2. From consumer to consumer-actor

3 Acting on it

The consumer-actor is a consumer who reclaims the act of consumption by using his or her purchasing power to protect the values and causes he or she defends

The 2 to 3 years that the experimentation lasts are also an opportunity for the end user to get involved in the project through personal or collective actions:

- *Behaviours ;*
- *Investments;*
- *Improvements.*

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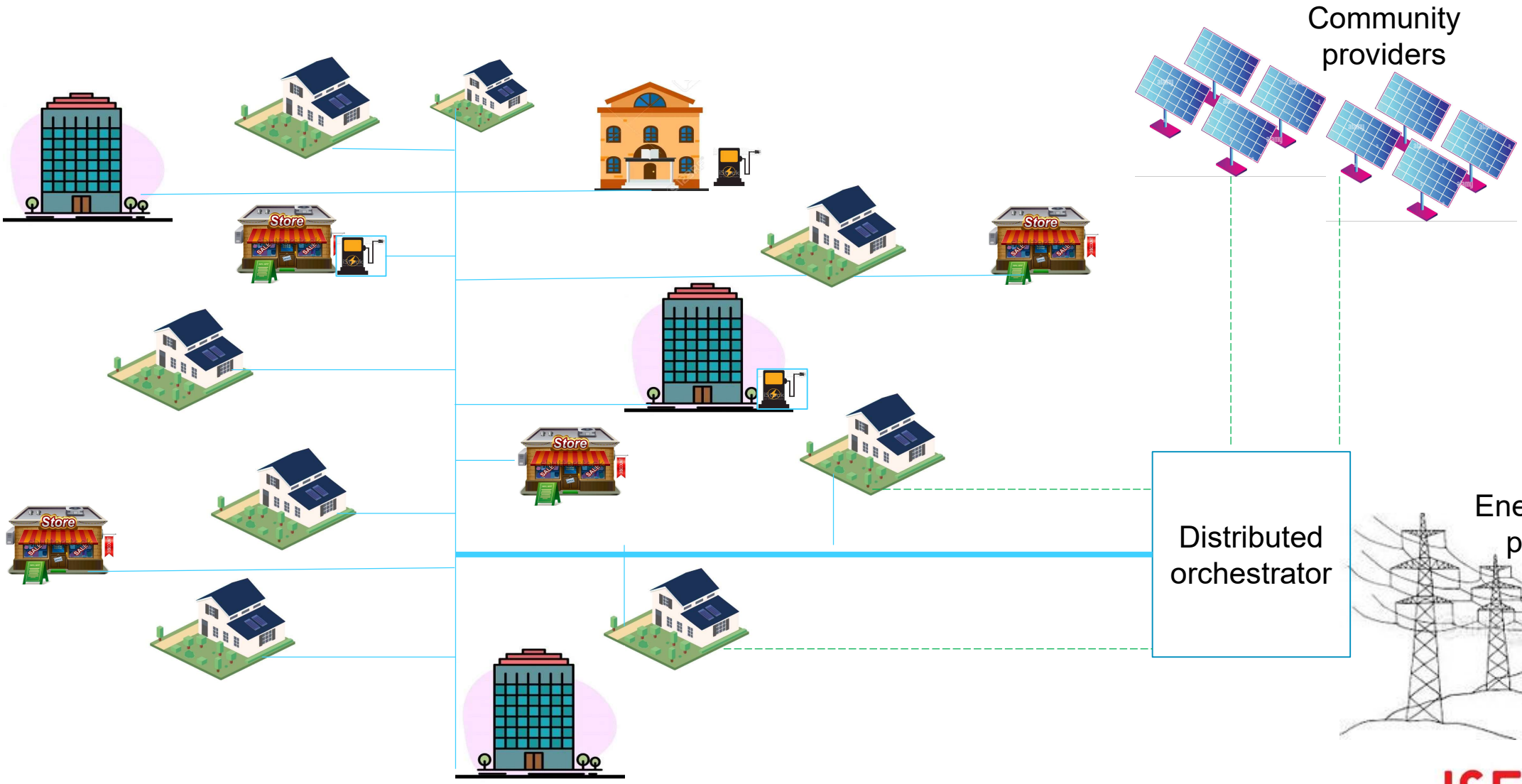
Energy communities, a win-win approach.



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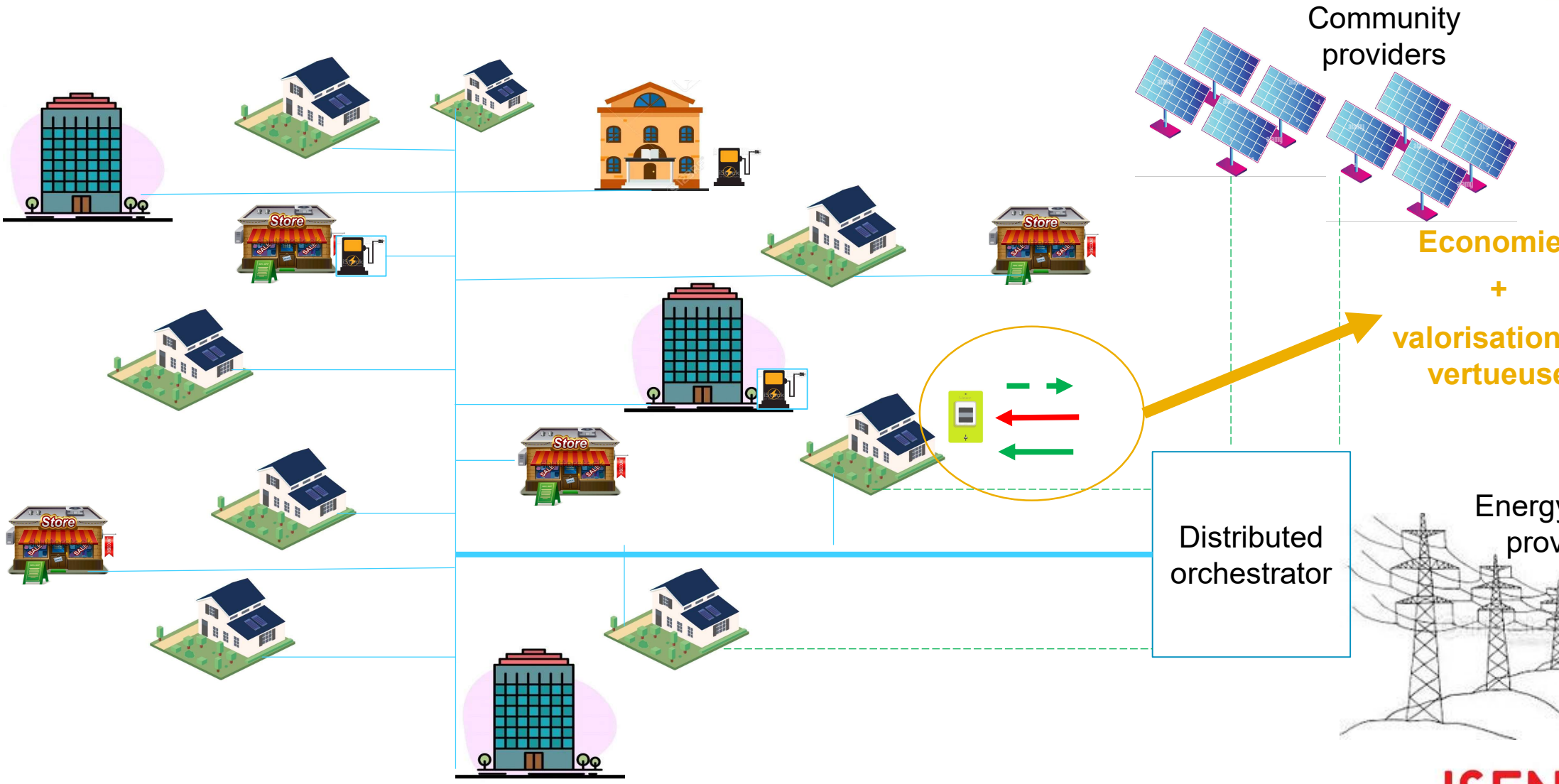
Energy communities, a win-win approach.



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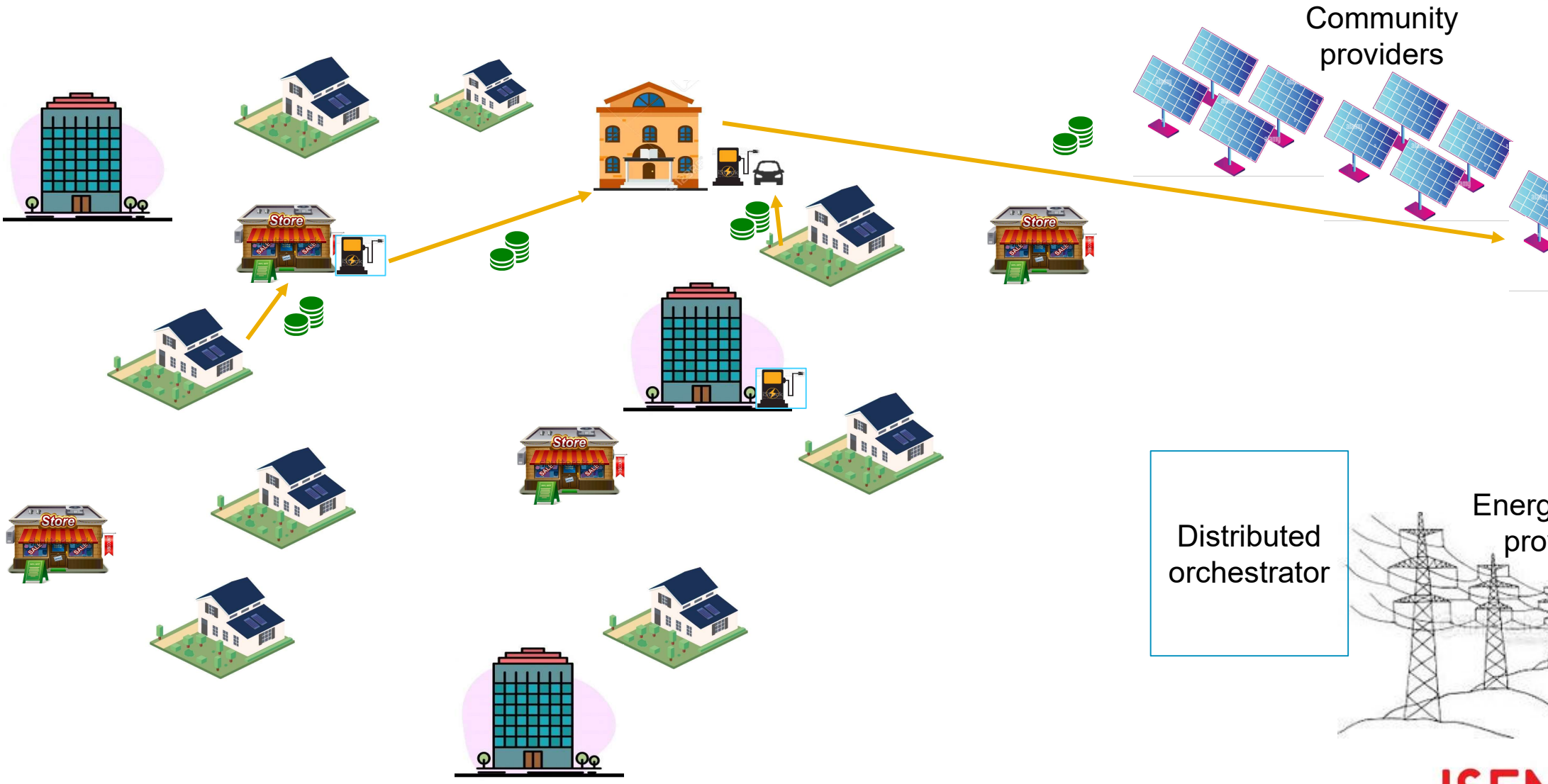

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