

Workshop #1

“Local communities and active citizens pushing forward energy innovation”

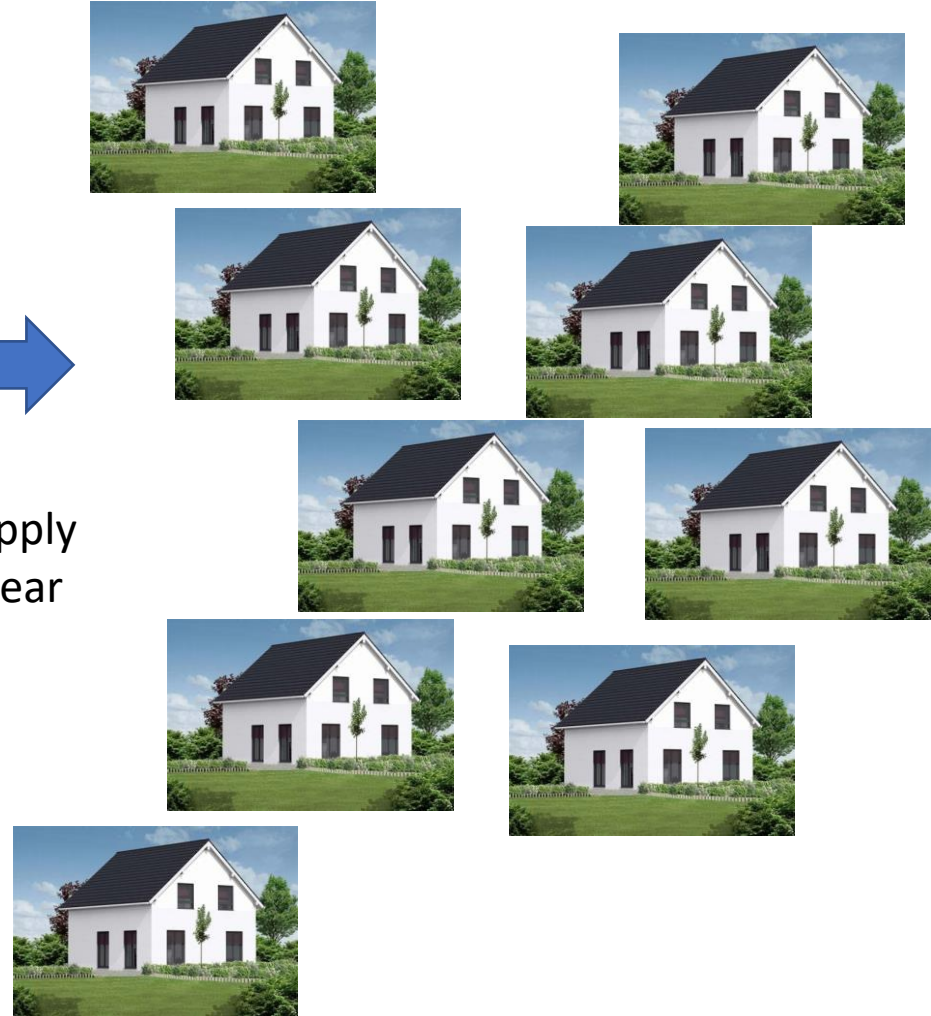
- André Madureira, Luxembourg Institute of Science and Technology
- Claude Hornick, ILR
- Ramses Villa, InnoEnergy
- Paul Kauten, Energiepark

In the Past



Unidirectional electricity supply from few large fossil or nuclear power plants to **passive consumers**

electricity demand



In the Past



heat demand



Oil and gas import



In the Past



Unidirectional money transfer to few large energy multies



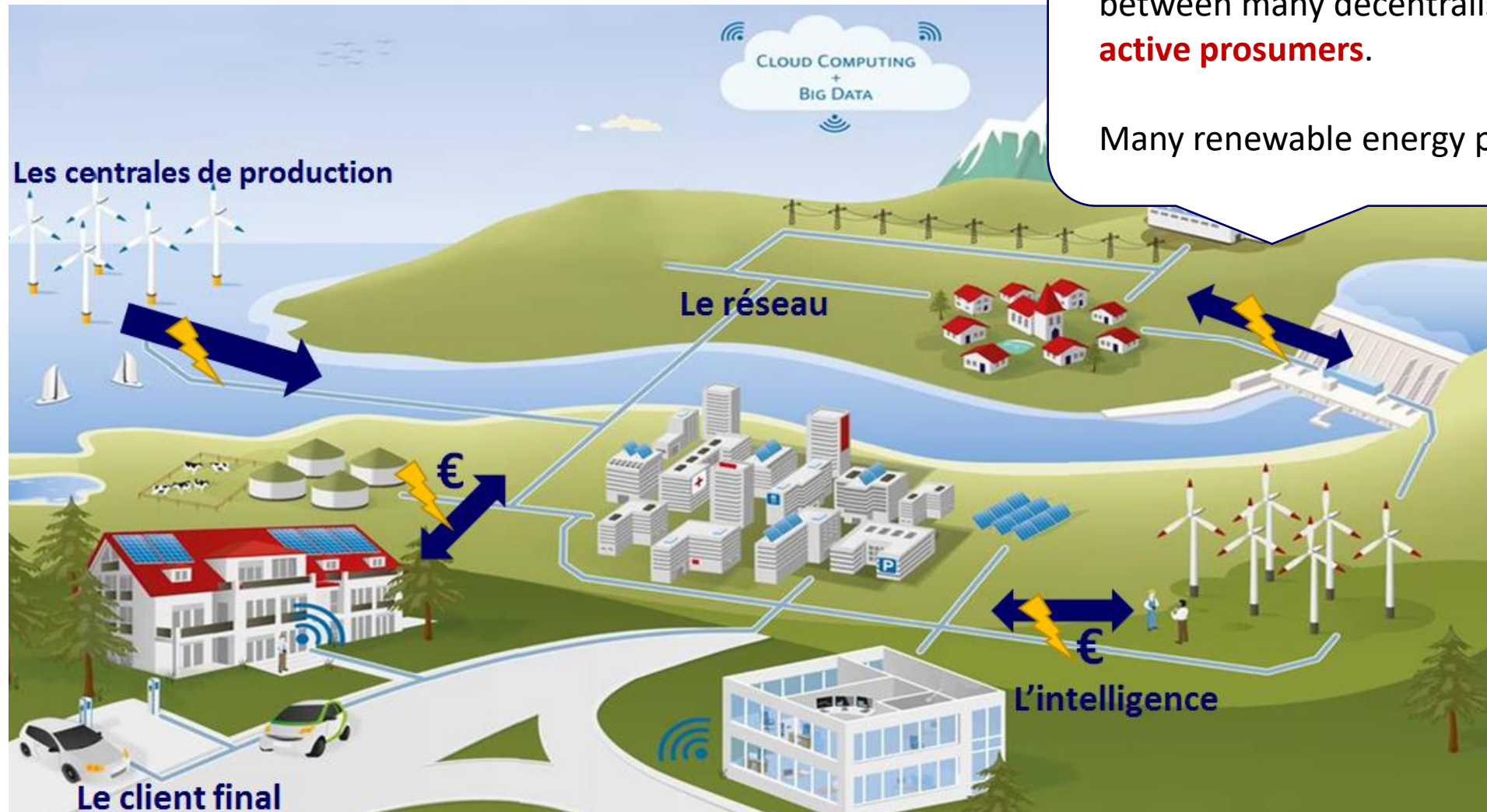
In the Past



**strong dependency
no price control
few local added value
no sector coupling**



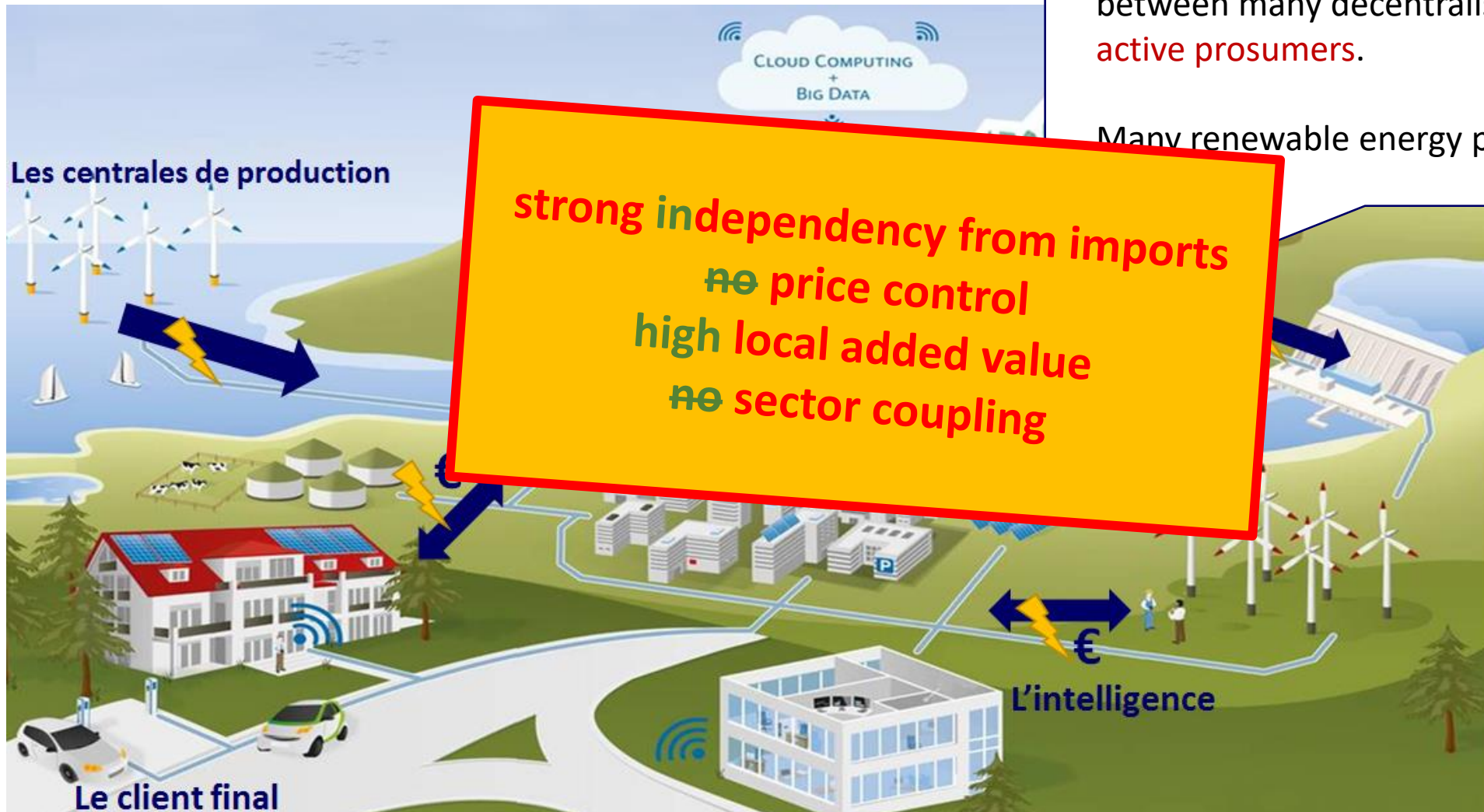
In the Future



Bidirectional exchange of energy **and** money between many decentralised **active prosumers**.

Many renewable energy plants.

In the Future

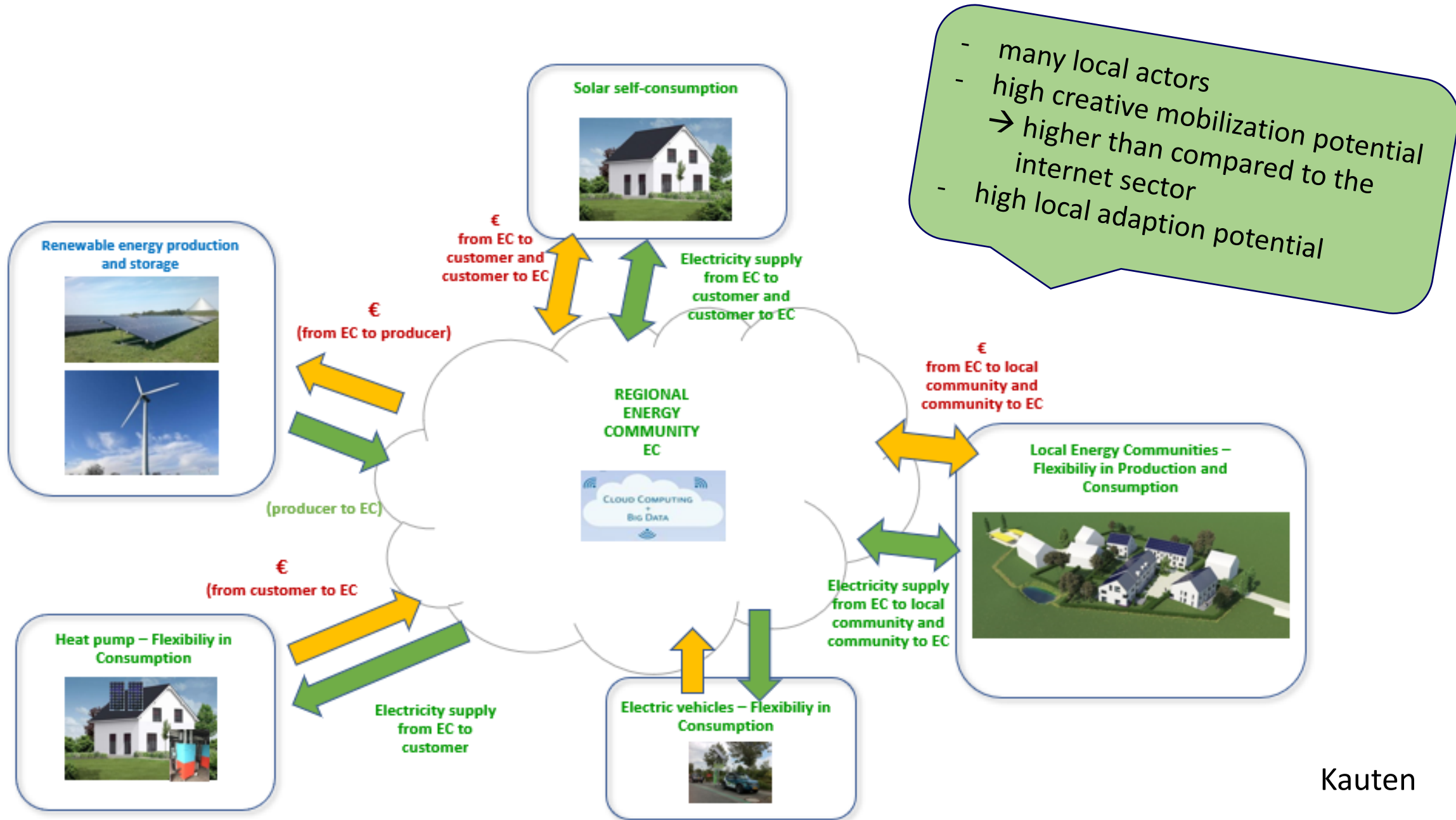


Bidirectional exchange of energy and money between many decentralised **active prosumers**.
Many renewable energy plants.

Local communities and active citizens pushing forward energy innovation



Local communities and active citizens pushing forward energy innovation



Activation of local actors



equienercoop

Société Coopérative - Junglinster



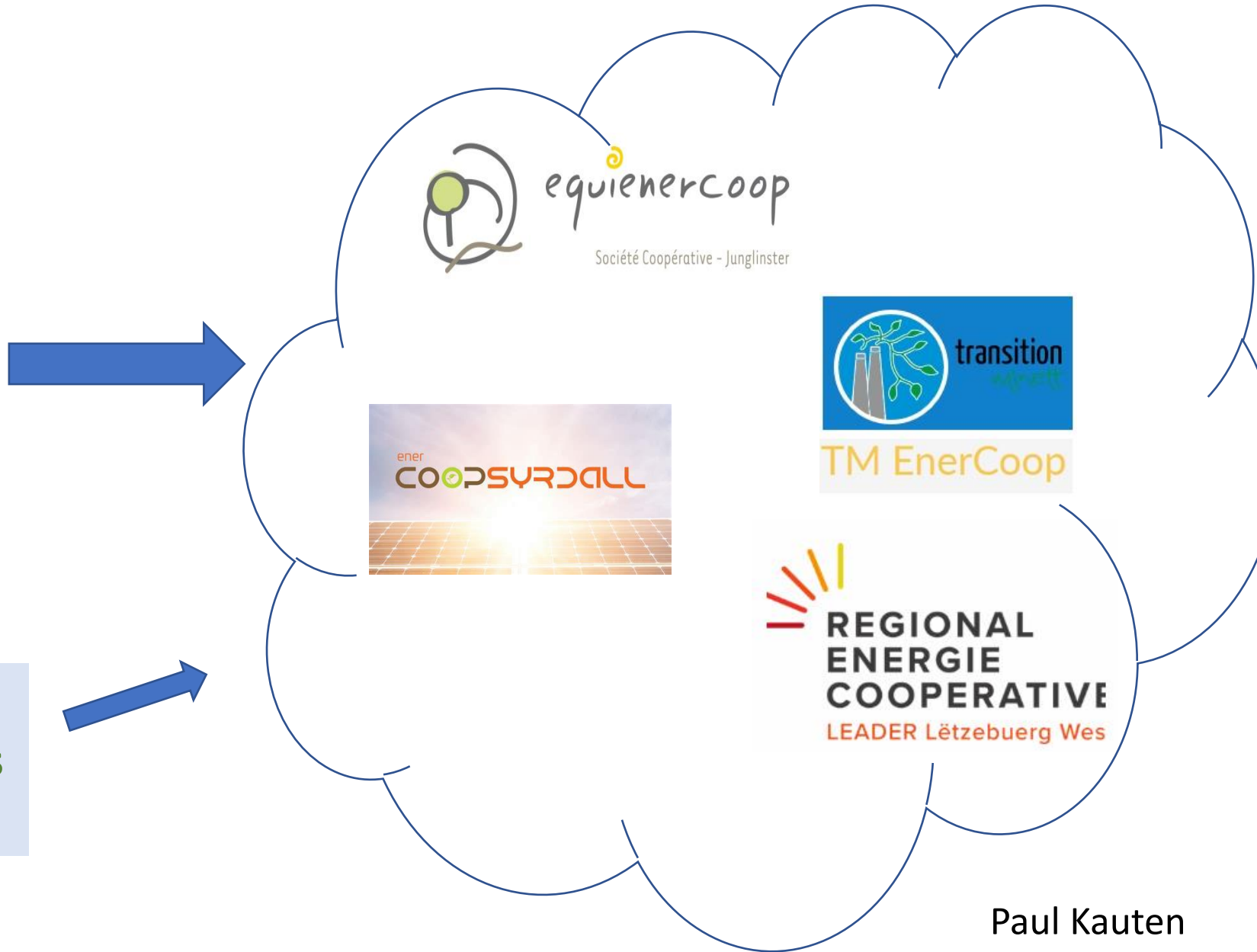
TM EnerCoop



Local communities and active citizens pushing forward energy innovation

Activation of local actors

Services by external actors



Innovation via:

- new technologies
- new business cases
- new legal and formal models
- social and solidarity criterias



Innovation via:

- new technologies
- new business models
- new legal and formal models
- social and solidarity criterias

**RENEWABLE ENERGY
AS A
STANDARD**

