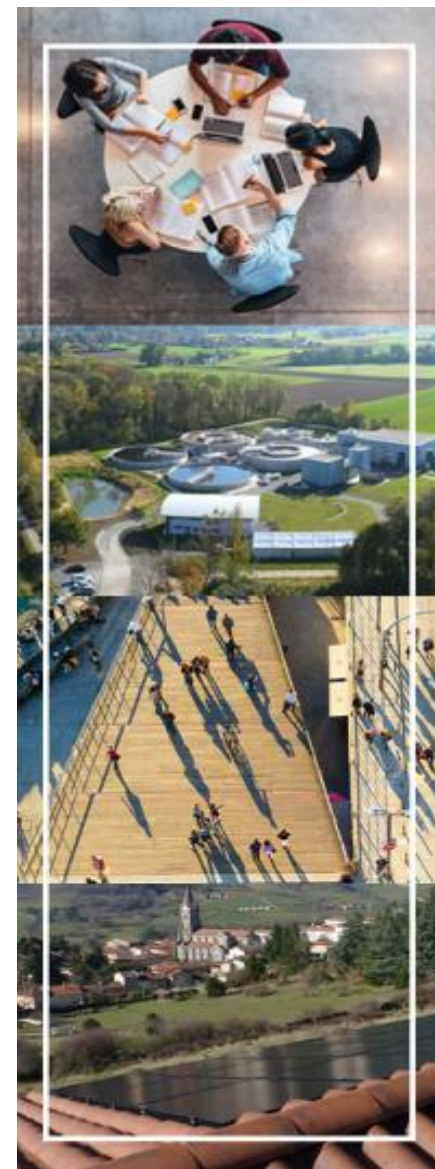


The EU framework for Energy Communities and experiences made in Auvergne Rhône-Alpes

(Noémie Poize, AURA-EE)



Renewable and citizen energy communities

- Directive 2018/2001 to be transposed by January 2021 (REC)
- Directive 2019/944 to be transposed by June 2021 (CEC)

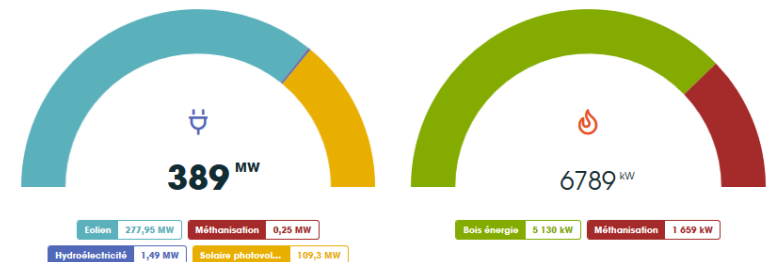
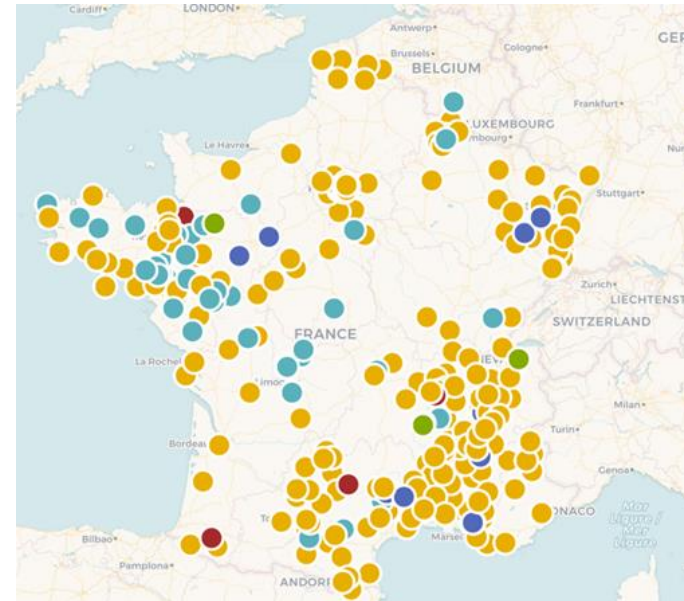
REC	CEC
Legal entity	
<ul style="list-style-type: none"> • based on open and voluntary participation 	
<ul style="list-style-type: none"> • autonomous • effectively controlled by shareholders or members that are located in the proximity of the renewable energy projects 	<ul style="list-style-type: none"> • effectively controlled by members or shareholders that are natural persons, local authorities, including municipalities, or small enterprises
Members	
<ul style="list-style-type: none"> • natural persons (especially final household customers), SMEs or local authorities, including municipalities 	
Purpose	
<ul style="list-style-type: none"> • Priority given to environmental, economic or social community benefits for the members and the local areas <ul style="list-style-type: none"> • Not focused on financial profits; 	
<ul style="list-style-type: none"> • Operates any type of renewable energy 	<ul style="list-style-type: none"> • Operates only electricity (renewable or not)

Energy communities

REC are entitled to :	CEC are entitled to :
<ul style="list-style-type: none"> • Produce, consume, store renewable energies • Share the energy with the members as customers • Access all the suitable markets 	<ul style="list-style-type: none"> • Produce, including from renewable sources, distribute, supply, consume, aggregate, store, develop energy efficiency services or charging services for electric vehicles or provide other energy services to its members or shareholders; • Share the electricity in the community
Member States shall develop an enabling framework to facilitate the development of EC and ensure	
<ul style="list-style-type: none"> • Removal of unjustified barriers • Cooperation with DSOs • Fair, proportionate and transparent procedures • No discriminatory treatment • Access to any kind of customer in the REC • Access to the markets 	<ul style="list-style-type: none"> • non-discriminatory, fair, proportionate and transparent procedures and charges • access to all electricity markets, either directly or through aggregation • Are financially responsible for the imbalances they cause in the electricity system • CEC can operate a distribution network, with dedicated network charges and in close relation to the other networks to which their network is connected

French network

- Energie Partagée : existing national network
- > 200 RES projects mainly led by citizens and municipalities



Centrales Villageoises

- Concept : local energy communities producing renewable energies together with citizens, municipalities and local stakeholder
- Chart
 - Citizen governance
 - Straight link to the local municipalities and their energy plans
 - Local economic benefits, local development
 - Global approach taking into consideration all the stakes of the territory (landscape, economy, social aspects, etc.)
- National network, part of Energie Partagée movement



- Project initially launched by AURA-EE and 5 regional natural parks of Rhône-Alpes, in 2010
- 5 parks involved and 8 pilot territories
- Setting up of a program via European and regional funding



2011 : Local communication events



2013 : Setting-up of the companies

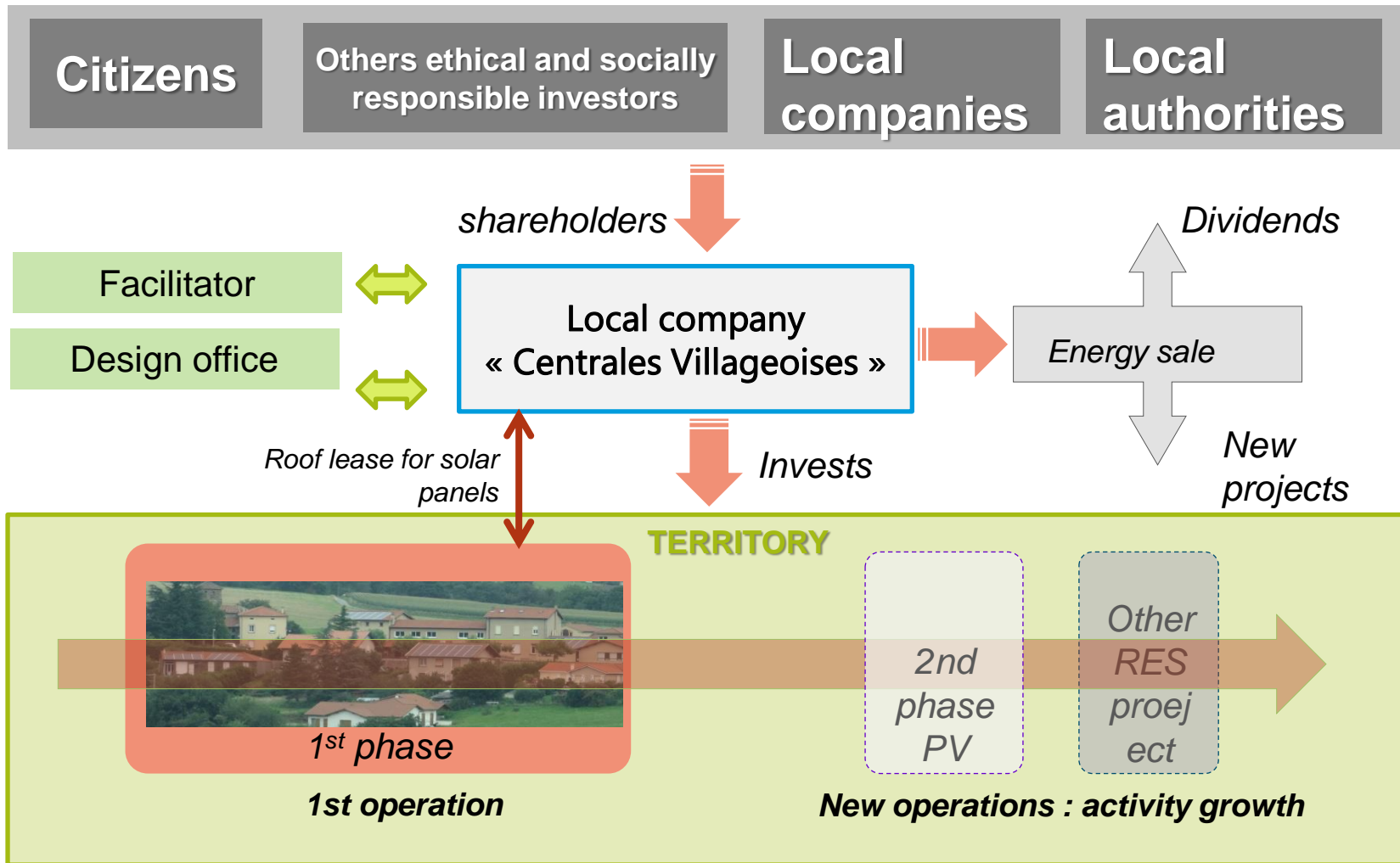


2014: Operating phase



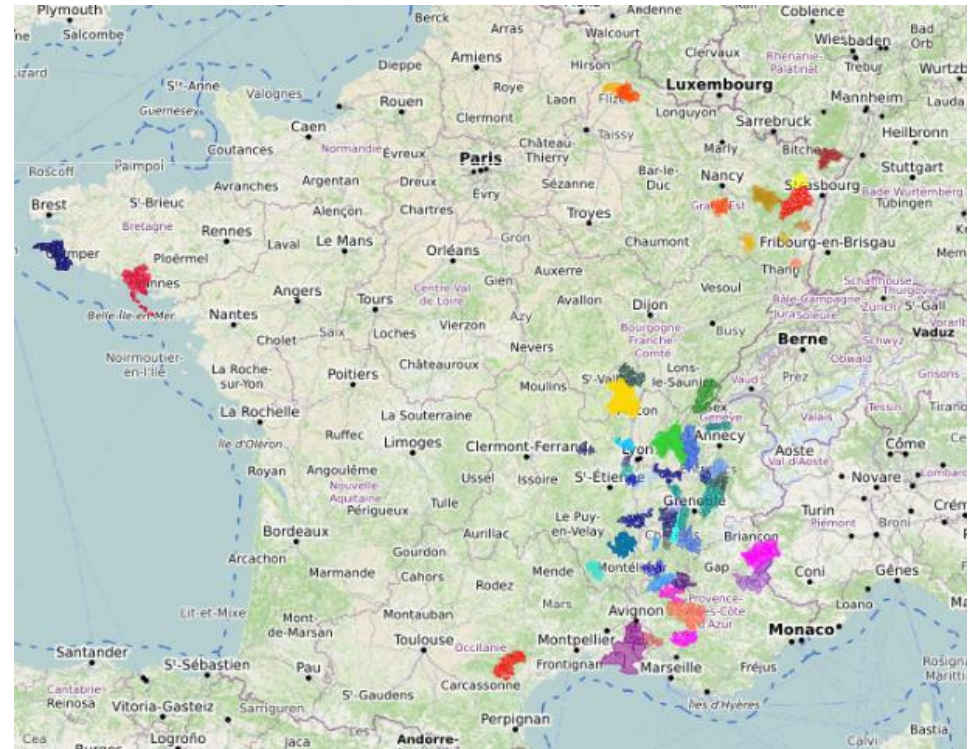
2015: Start dissemination phase

Model



Model and network : key points and figures

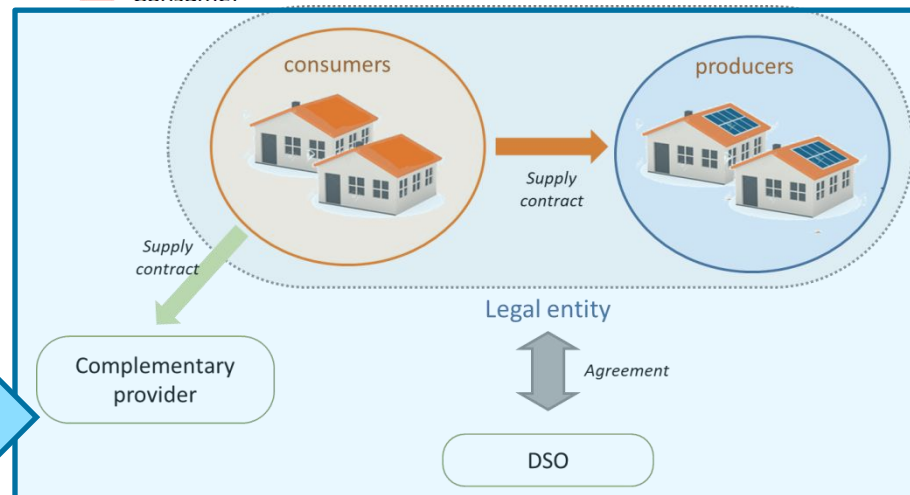
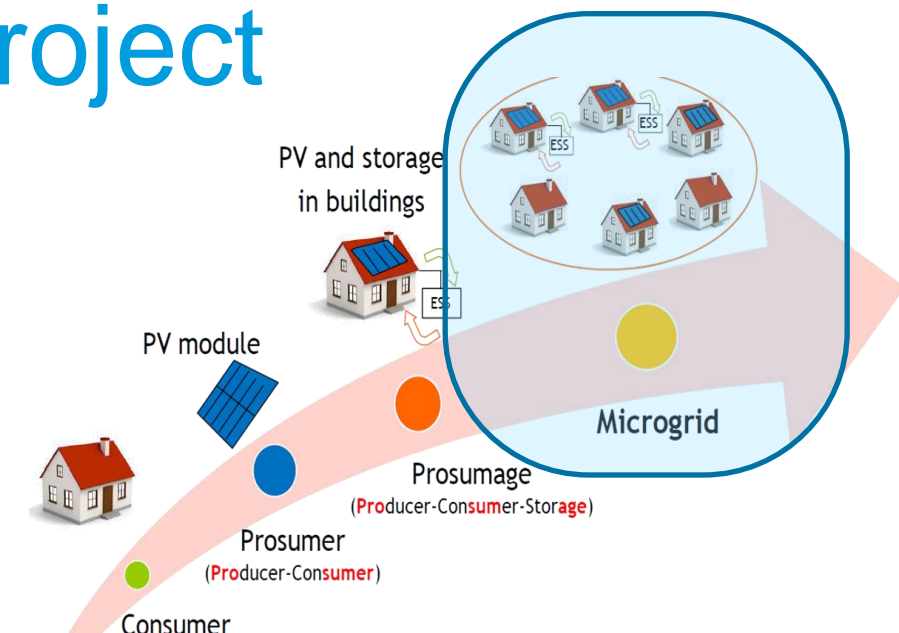
- Territorial approach
 - Citizen governance, cooperative votes
 - Close link to municipalities and local planing
 - Local shared benefits
 - Consideration of non energetic staked (landscape, social aspects, etc.)
- Shared approach
 - Common tools and services between local companies
 - Partnerships at the network level
- Quality process
 - Capitalization of experience
 - Innovation
- Solidarity approach
 - Assistance between local companies
 - Decentralized networking



Association since 2018
52 territories in 6 regions
> 3800 shareholders
> 350 PV plants in operation

Alpgrids project

- Creating a transnational enabling environment to foster microgrid solutions supporting in particular the creation of local energy communities
- Develop a common understanding of microgrids and their benefits
 - Create an enabling policy environment for microgrids
 - Replicate the microgrid model in the Alps
- Objectives
 - improve the resilience of mountain territories (potentially subject to frequent power cuts)
 - Improve the control of energy expenditure through local energy supply.
- 8 pilot sites



France : development of collective self-consumption scheme

Thank you

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