

Citizen and Renewable Heat

La chaleur renouvelable et citoyenne



Intervenant : Nicolas LEPIN, Renewable Heat Project Officer, ERE43
(Cooperative enterprise, France)
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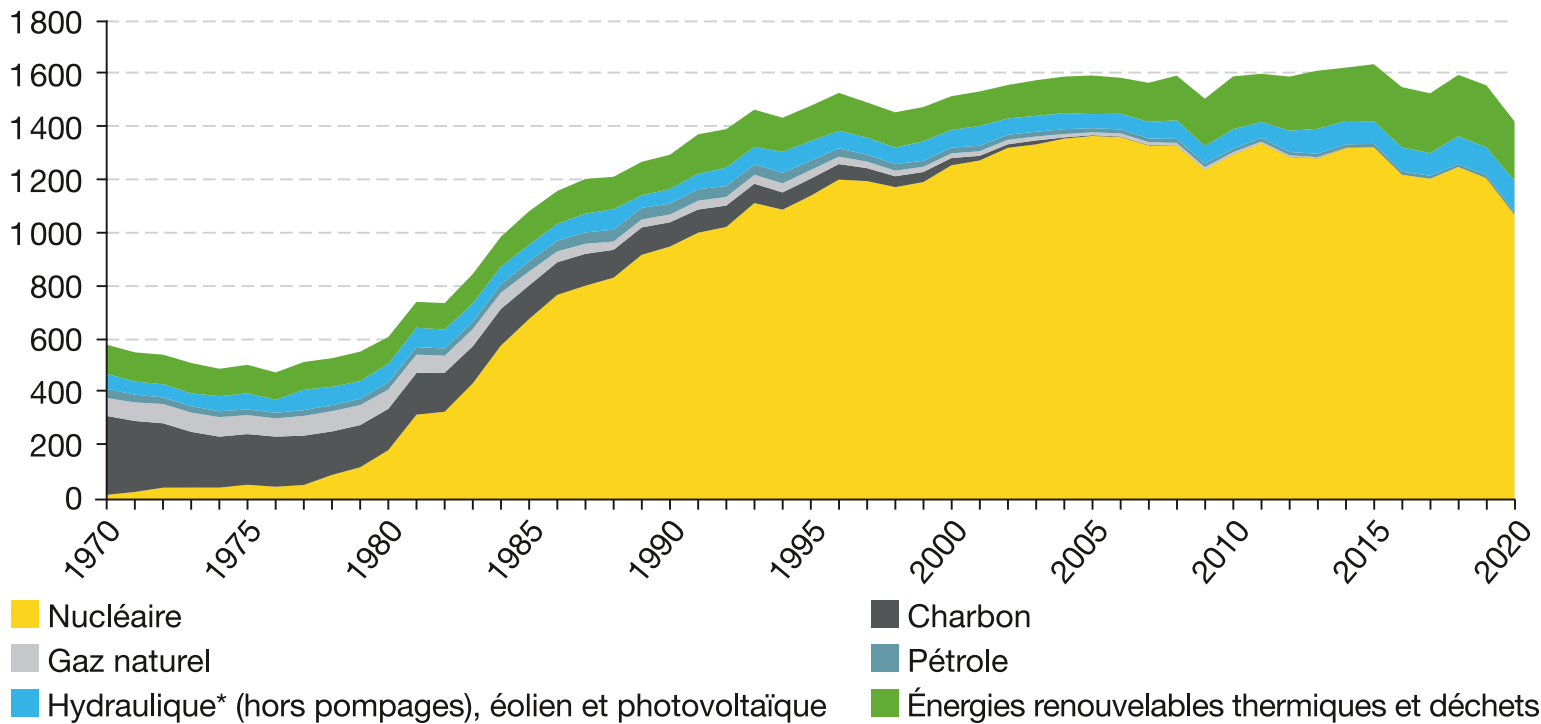
nicolas.lepin@ere43.fr



Primary energy production

Total : 1 423 TWh in 2020

En TWh



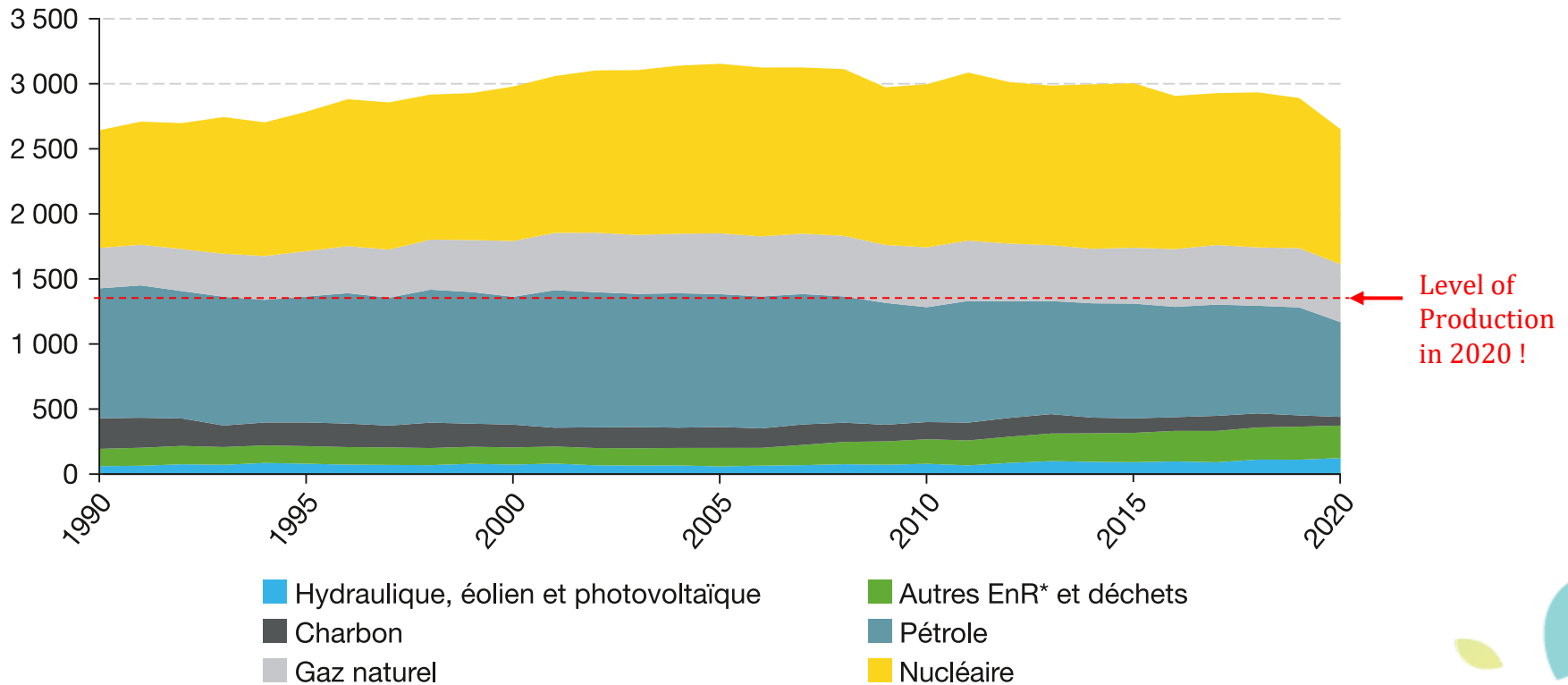
Introduction : French context



Primary energy consumption

Total : 2 650 TWh in 2020

En TWh (données corrigées des variations climatiques)





French Context

- France produces mostly nuclear energy - decreasing because of an aging fleet of power plants
- France is still a big importator of fossil energies
- Only EU country that does not reach its goals regarding renewable energy
- However, renewable energy are quite well accepted





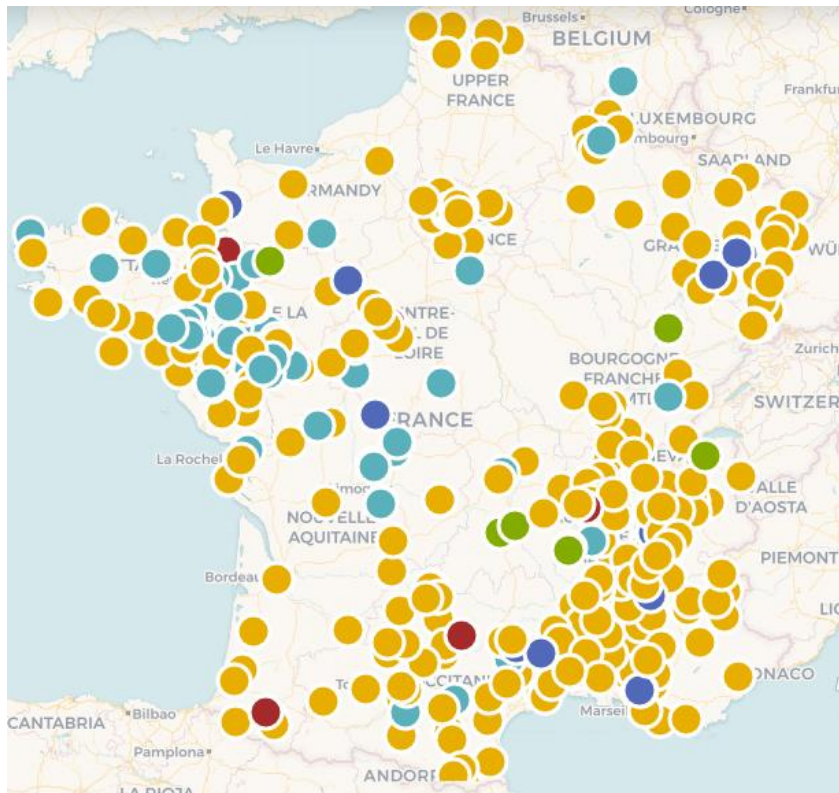
REDII implementation

- France is still working on the Implementation of REDII : a decree is about to be published.
- Only few national policies referring to citizen participation in energy projects:
 - A call (big projects) with a bonus for shared governance
 - VertVolt Label
 - An Open Counter for small wind projects involving public/citizen/renewable energy communities



However, we do not start from nothing

- We have a good base of community based projects (production), gathered in Energie Partagée
- One issue is to connect our citizen project framework with the RED II and the REC / CEC concepts



Type d'énergie



Introduction : Local/Regional Strategies, focus on Citizen Heat Development



	Occitanie	Auvergne-Rhône-Alpes	Haut-de-France
Regional State Agency (ADEME)	Good support to Renewable energies. Nothing specific for Citizen Energies		Nothing : they do not support small heat projects (they let the Region fund).
Regional Council	Good support. Funding for studies, bonus for investment when there's citizen participation (but not for heat)	Used to support RE projects, used to have a call for shared governance projects (but not for heat). But January 2022 : stopped everything.	Fund heat investments. Support Citizen Energies (animation). Maybe a criterion on social innovation in their calls.

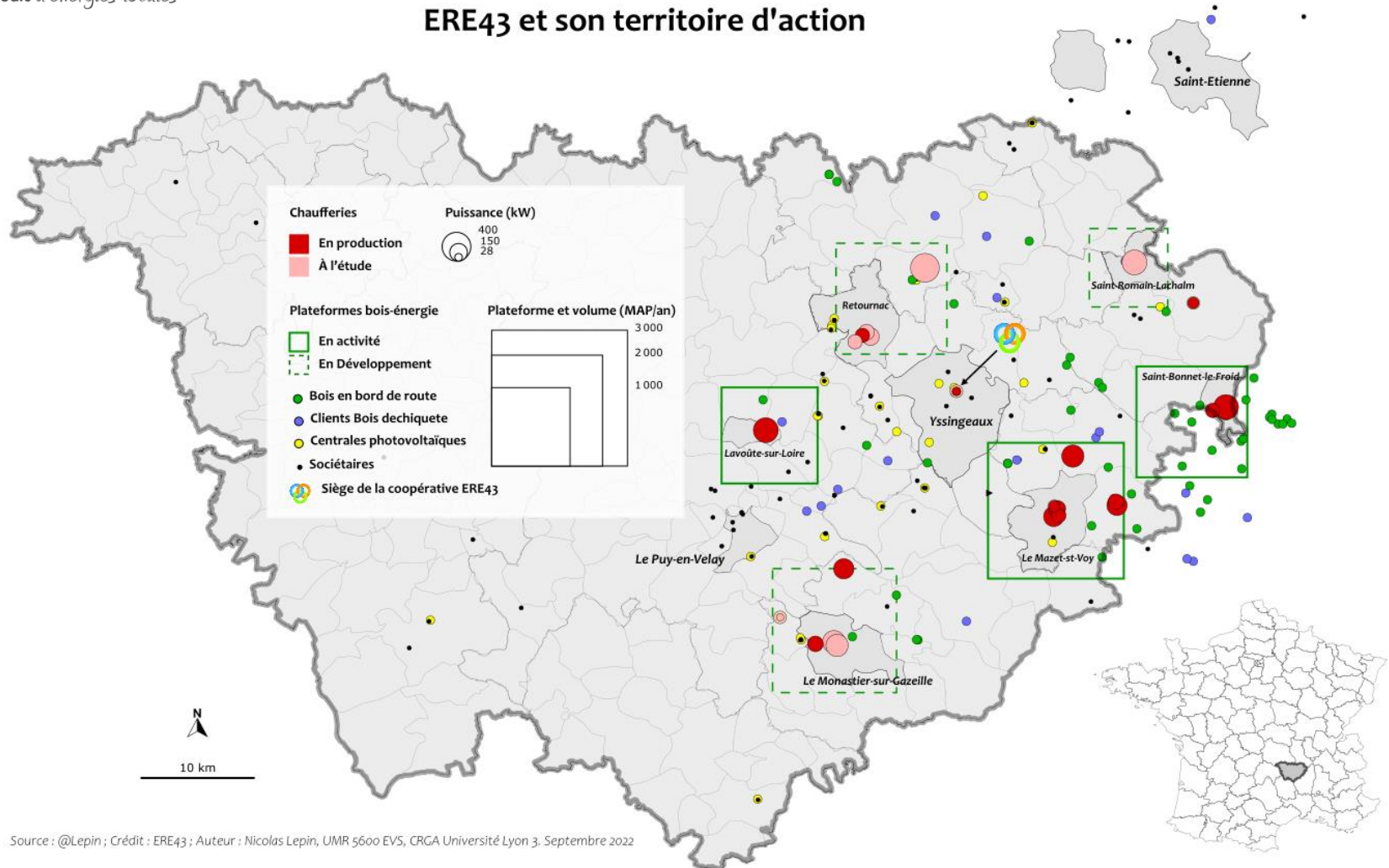
- Regional disparities
- Precarious policies
- Lack of common frame, goals, policies



Introduction : Our project



ERE43 et son territoire d'action



Introduction : Our project



An example of a projet at the development phase

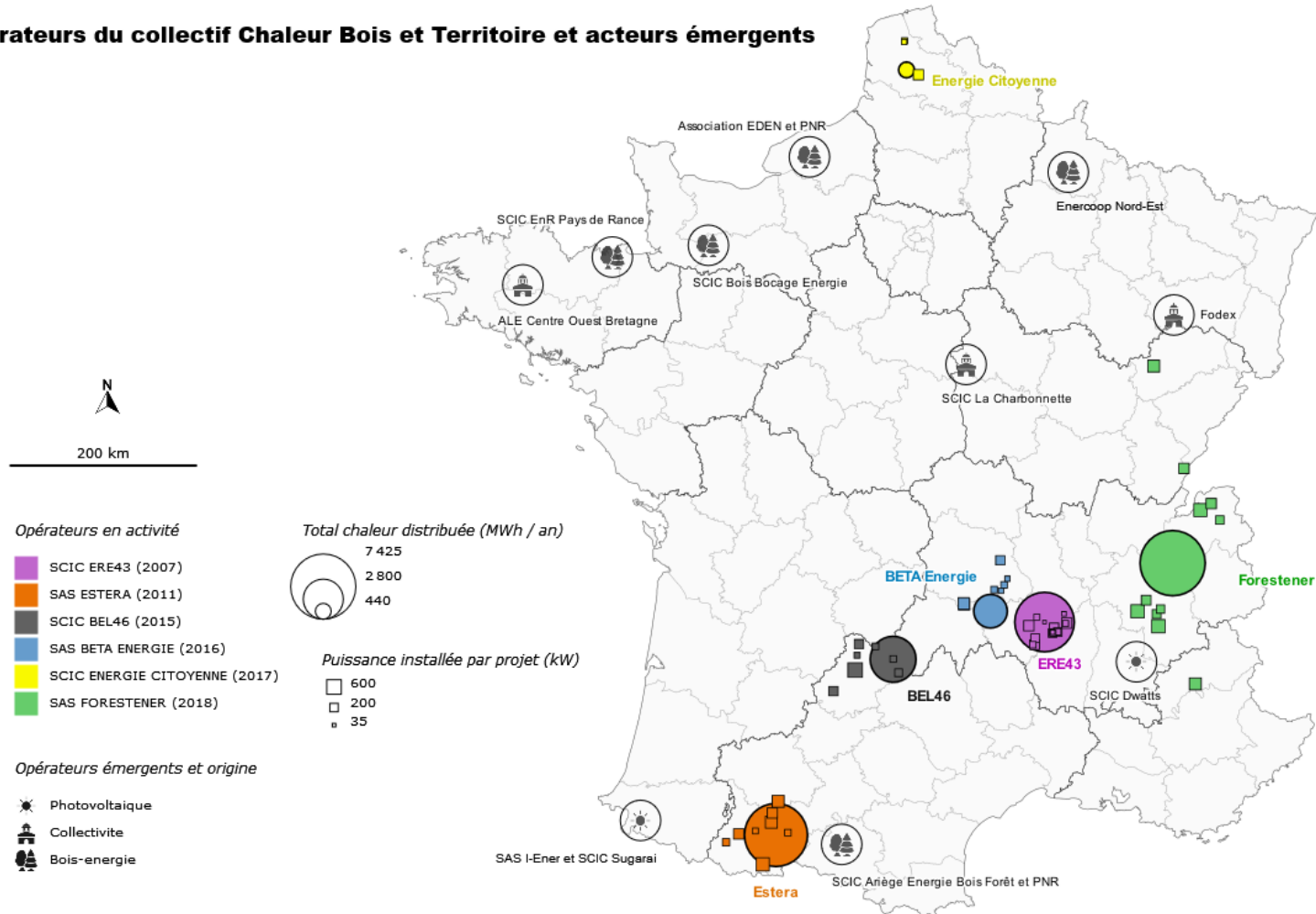


Short-circuit management : wood collection, crushing on platform and delivery with our dumptruck, ERE43

Introduction : Our project



Opérateurs du collectif Chaleur Bois et Territoire et acteurs émergents



Source : @Lepin ; Crédit : ERE43 ; Auteur : Nicolas Lepin, Université de Lyon UMR 5600 EVS, CRGA Université Lyon 3. Septembre 2022