

Renewable District Heating

*Green solutions and business models for the
district level*



**Auvergne
Rhône-Alpes**
Énergie Environnement

Avec le soutien de :

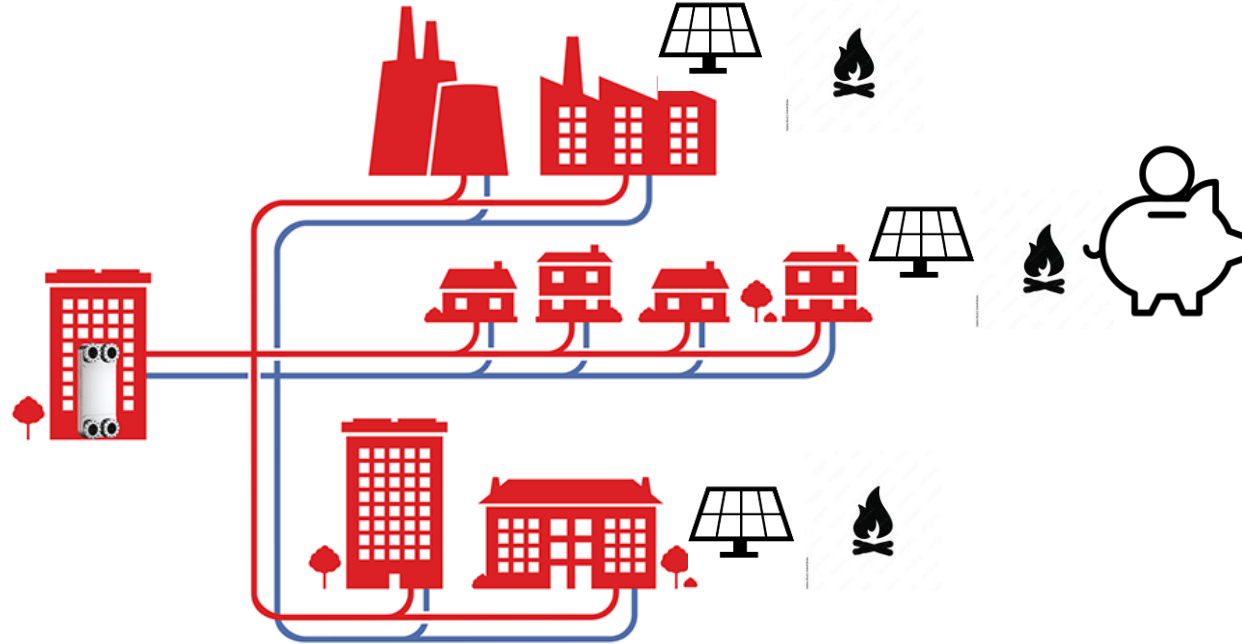


La Région
Auvergne-Rhône-Alpes



Citizen Renewable Energy District Heating Networks

- District Heating
- Renewable Energy
- Citizen Investment



DH Networks Cooperative

“Energy communities organise collective and citizen-driven energy actions that help pave the way for a clean energy transition while moving citizens to the fore. They contribute to increasing public acceptance of renewable energy projects and make it easier to attract private investments in the clean energy transition”

-European Commission

- Investment (PV vs DH)
- Ambition (quantity vs quality)
- Impact (Denmark)
 - 323 Citizen DH networks or 34% of the national heat consumption

Involving Citizens

- **Energie partagée investissement**
 - Énergie Partagée Investissement collects citizens' savings and invests them in renewable energy and energy saving projects.
 - They select citizen projects according to EPI's charter and their technical and economic soundness.
- **Wood Heating and Territories Association / Collectif haleur bois et territoire**
 - “From tree to radiator”
 - Build a collective development plan
 - Improve visibility of wood heating service
 - Increase skills (technical, financial, legal)
 - Build an institutional framework for the replication and durability of this model

Good Practices

Firewood District Heating Community in **Lucinges**

- Delegation of distribution and sale of heating service
 - Request: at least 40% of local funds
- Shareholders with a voice and a role
- 1 050 000 € total budget
- 245 000 € grant Auvergne-Rhône-Alpes Region
- 185 000 € of shared citizens funds

Firewoord District Heating incentives for **Anzat-le-Luguet**

- 175 inhabitants in partnership with BETA Energie
- 50% State aid (ADEME, AURA Region and Puy-de-Dome department)



Your turn

- Citizen Renewable Energy District Heating Networks
 - Business model
 - Green Solutions
 - For the district level

Thank you!