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France: national replication context

This annex summarises key national regulatory and market conditions relevant to replicating FEDECOM in France. It complements Chapter 7 of the [FEDECOM Replication Playbook](#) and [Online Self-Assessment Tool](#) by providing country-specific details on legal and regulatory frameworks impacting FEDECOM solution implementation. This information is current as of August 2025 and is intended as guidance only — users should consult local experts and authorities to confirm regulatory feasibility.

Step 1. Ability to perform individual self-consumption

1.1 Individual self-consumption framework in place

- **Framework in place:** Yes ●
 - **Legal framework:** French Energy Code (Articles L315-1 to L315-8)
 - **Comment:** Individual self-consumption is fully enabled nationwide. Surplus electricity may be injected into the grid and remunerated under regulated schemes.
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Step 2. Ability to create an energy community

2.1 Creation of a Renewable Energy Community

- **Framework in place:** Yes ●
- **Legal framework:** French Energy Code transposing Directive (EU) 2018/2001 (RED II)
- **Comment:** Renewable Energy Communities are legally defined. Governance and primary-purpose requirements are clearly specified.

2.2 Creation of a Citizen Energy Community

- **Framework in place:** Yes ●
- **Legal framework:** French Energy Code transposing Directive (EU) 2019/944
- **Comment:** Citizen Energy Communities are legally recognised. They may engage in generation, supply, aggregation, and storage activities.

2.3 Creation of a CSC arrangement



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- **Framework in place:** Yes ●
 - **Legal framework:** Decrees on collective self-consumption (notably Decree No. 2017-676 and subsequent updates)
 - **Comment:** Collective self-consumption arrangements are operational. Geographical and capacity limits apply.
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Step 3. Ability to engage in energy sharing (CSC)

3.1 Process to register an energy sharing scheme

- **Framework in place:** Yes ●
- **Legal framework:** DSO (Enedis/Local DSO) registration and declaration procedures
- **Comment:** CSC schemes must be formally declared to the DSO. Participant lists and technical details are required.

3.2 Energy sharing coefficient available

- **Framework in place:** Yes (static) ●
 - **Legal framework:** CSC implementation rules under the Energy Code
 - **Comment:** Energy sharing coefficients must be defined ex-ante. Only static coefficients are permitted.
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Step 4. Ability to create an inner-community P2P market

4.1 Price differentiation within the community

- **Framework in place:** No ●
- **Legal framework:** No dedicated legal instrument
- **Comment:** Community members cannot set internal electricity prices. Energy allocation is non-market-based.

4.2 Availability of the dynamic sharing coefficient

- **Framework in place:** No ●
- **Legal framework:** No dedicated legal instrument
- **Comment:** Dynamic or real-time sharing coefficients are not supported.



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4.3 Ability to communicate the coefficient ex-post

- **Framework in place:** No ●
- **Legal framework:** No dedicated legal instrument
- **Comment:** Ex-post modification or communication of coefficients is not allowed.

4.4 Alignment between the frequency of sharing coefficient communication and the timing of ex-post communication

- **Framework in place:** No ●
 - **Legal framework:** No dedicated legal instrument
 - **Comment:** No regulatory mechanism exists to align coefficient updates with settlement timing.
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Step 5. Ability to enable inter-community energy exchange

5.1 The ability to create a structure covering several energy communities sets

- **Framework in place:** No ●
- **Legal framework:** No dedicated legal instrument
- **Comment:** There is no legal structure enabling federated or multi-community energy exchange.

5.2 Consistency between these requirements and CSC rules

- **Framework in place:** No ●
- **Legal framework:** No dedicated legal instrument
- **Comment:** CSC rules apply only to single-community configurations.

5.3 Recognition of the hierarchical allocation method

- **Framework in place:** No ●
- **Legal framework:** No dedicated legal instrument
- **Comment:** Hierarchical allocation methods are not recognised.