

Mapping Legal and Regulatory Framework for P2P energy sharing platforms

U2Demo Insights

September 4 , 2025

Hugo Morais (INESC ID)

Lucila De Almeida (EUI/FSR)

Alessandra Porcari (EUI/FSR)

Max Münchmeyer (EUI/FSR)

Eva Winters (TNO)





Introduction

U2Demo Project

Hugo Morais

INESC ID

Consortium

The U2Demo project brings together a consortium of **18 institutions from eight European countries** including **16 main partners and 2 associated partners**. The project coordinator is the Portuguese R&D Institute INESC-ID.

Legend

-  Technology Provider
-  Utility
-  Research center | University
-  Industry
-  Foundation/Association
-  Municipality
-  Services



COORDINATOR

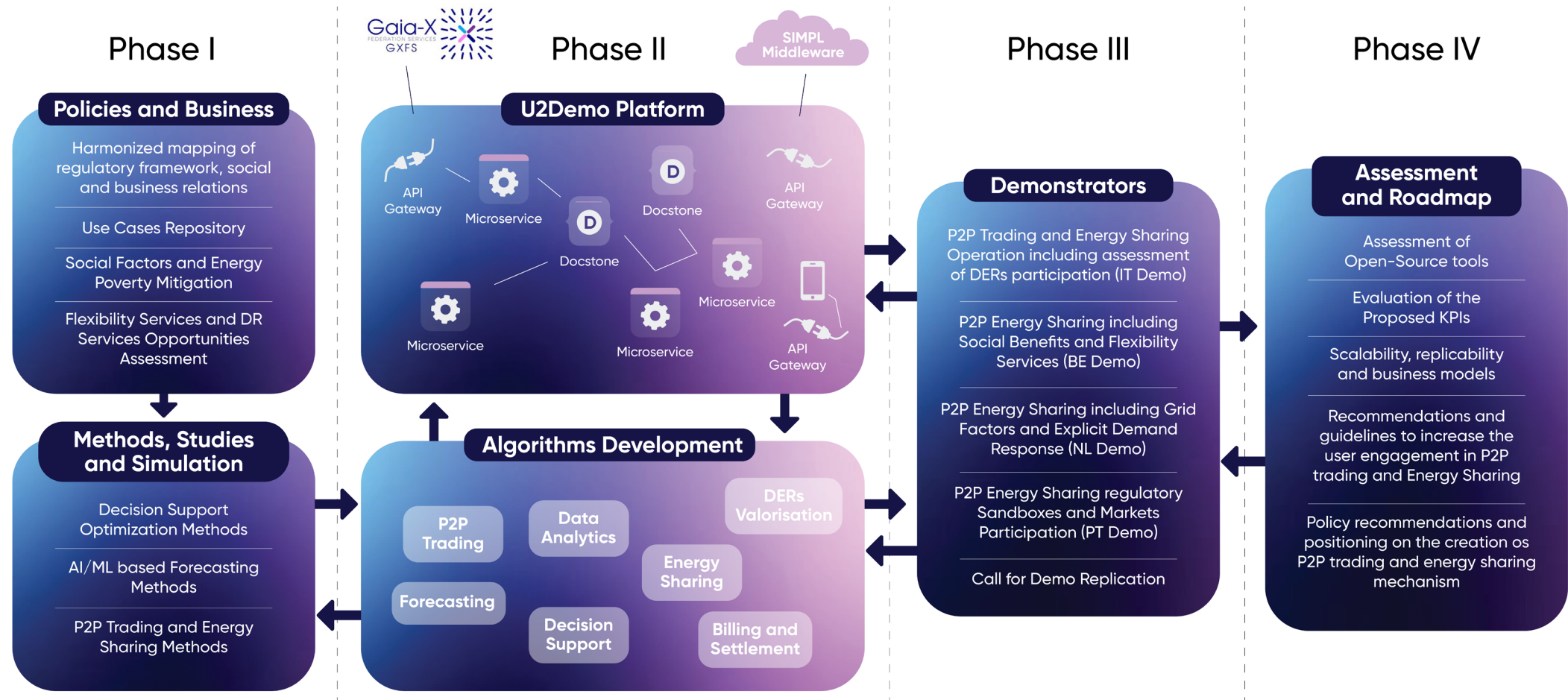


BENEFICIARY PARTNERS



ASSOCIATED PARTNERS







Introduction to D1 and Methodology

Lucila de Almeida

EUI/FSR

Mapping the Legal Regulatory Framework

EU, IT, PT, BE, NL



Funded by
the European Union

Horizon Europe

EUROPEAN COMMISSION

European Climate, Infrastructure and Environment Executive Agency (CINEA)

Grant agreement no. 101160684



U2DEMO

Use of open-source P2P energy sharing
platforms for energy Democratization

Deliverable Task 1.1

Mapping the Legal and Regulatory Framework from a
Comparative Law Approach

Document Details

Due date	01/09/2025
Actual delivery date	01/09/2025
Lead Contractor	EUI/FSR
Version	1.0
Prepared by	Lucila de Almeida (EUI/FSR) Alessandra Porcari (EUI/FSR) Max Munchmeyer (EUI/FSR) Eva Winters (TNO) Hugo Morais (INESC) Jure Vulinovic (VITO) Ondřej Černý (EDSO) Ellen Beckstedde (EUI/FSR) Nicolò Rossetto (EUI/FSR)
Reviewed by	Roberta Alonzo (EnGreen) Miguel Carvalho (Watt-IS) Glenn Reynders (KU Leuven)
Dissemination Level	Public



U2DEMO



Table of Contents

Executive Summary	4
Table of Contents	6
List of Figures	10
List of Tables	11
Acronyms	12
1. Introduction to U2Demo	14
1.1 Objective	14
1.2 Structure	15
1.3 Relations with other tasks	15
2. Methodology	17
2.1 Scope	17
2.1.1 A conceptual clarification	17
2.1.1.1 Active customers and renewable self-consumers	17
2.1.1.2 JAACs and JARSCs as collective self-consumption	18
2.1.1.3 RECs and CECs as energy communities	19
2.1.1.4 Energy sharing schemes	19
2.1.1.5 Peer-to-Peer Trading	20
2.1.1.6 Scope of this Report	21
2.2 Methods	23
2.2.1 Comparative law methodology	23
2.2.1.1 Selection of Jurisdictions	23
2.2.1.2 Identifying relevant legislation and regulation	23
2.2.1.3 Building the analytical framework	27
2.2.1.4 Legal interpretation of applicable rules	27
2.2.2 Governance of Energy Communities	28
2.2.2.1 Legal Form	28
2.2.2.2 Technical preconditions – metering	28
2.2.2.3 Eligibility of community members	29
2.2.2.4 Type of membership participation	29
2.2.2.5 Community control	29
2.2.2.6 Representation	29
2.2.2.7 Legally enabled activities	29
2.2.2.8 Asset ownership	29
2.2.2.9 Geographical limitation	29
2.2.2.10 Capacity limitation	29
2.2.2.11 Primary purpose	29
2.2.2.12 Overview of legal research questions	30
2.2.3 Energy Sharing Phases	32
2.2.3.1 Permitting and licensing	33
2.2.3.2 Contracting	33
2.2.3.3 Agreement registration	34
2.2.3.4 Operation	34
2.2.3.5 Calculating results	34
2.2.3.6 Registering results	34
2.2.3.7 Settling the financial effects	34
2.2.3.8 Overview of legal research questions	34
2.2.3.9 P2P trading as sales contracts	36
3. Governance	37
3.1 Governance at the EU level	37

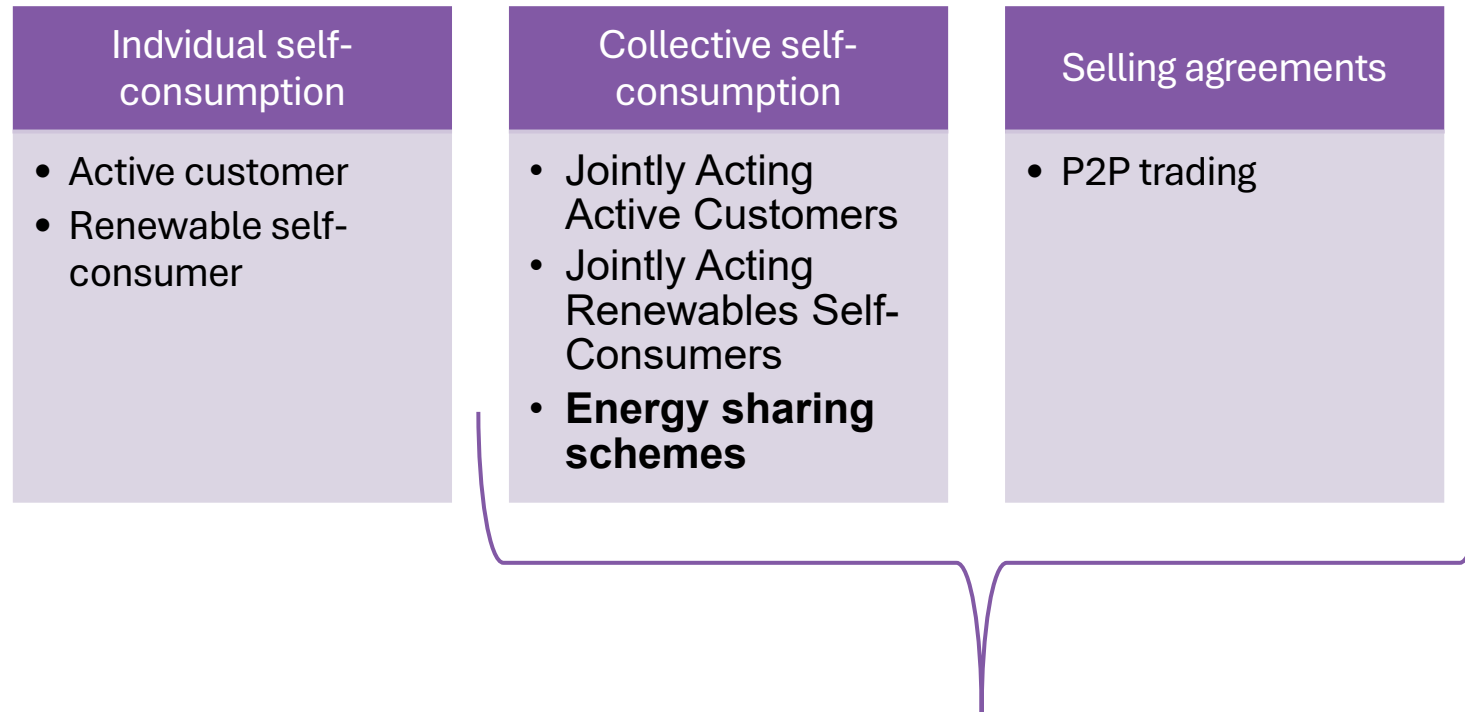
The report maps the legal and regulatory framework with comparative law methodology, identifying the rules that govern the activities of P2P energy sharing and trading within ECs in the European Union (EU) and its Member States, specifically where the pilots are located: Italy, Portugal, Belgium (in its Flemish region), and the Netherlands.



U2DEMO

A Conceptual Clarification

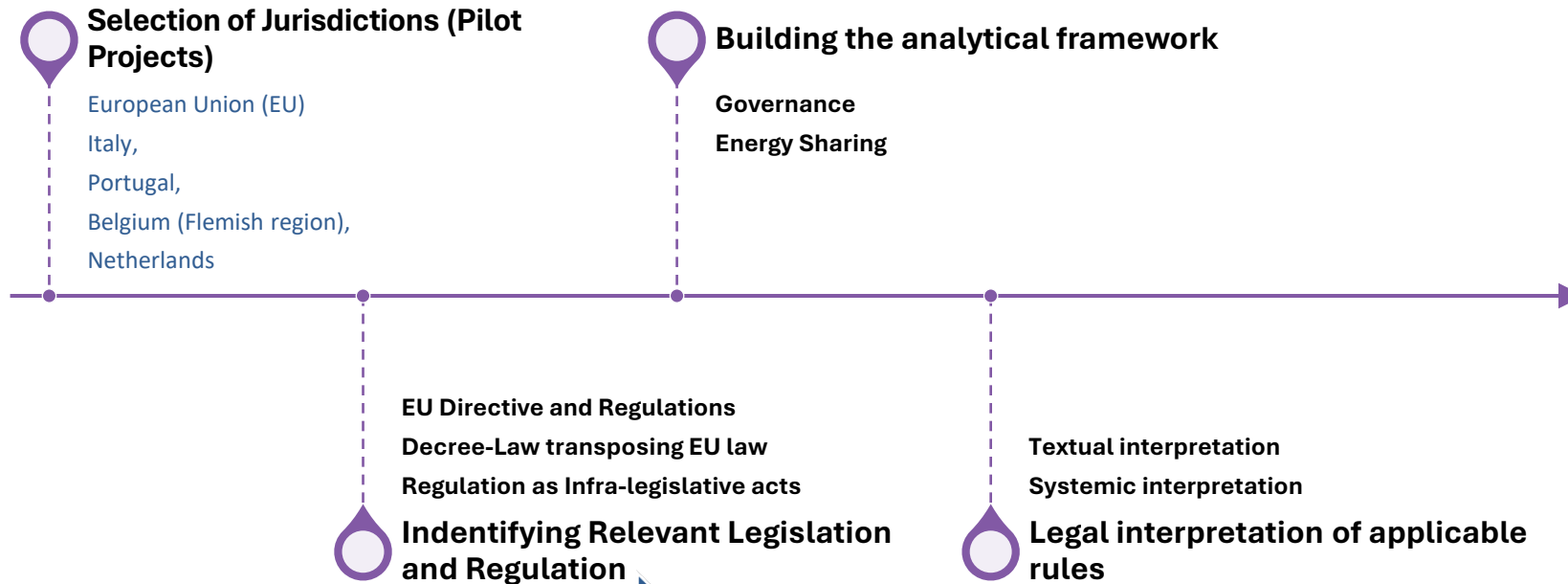
Energy sharing and P2P Trading with Energy Communities



Citizen Energy Communities
Renewable Energy Communities

Methods

Comparative law

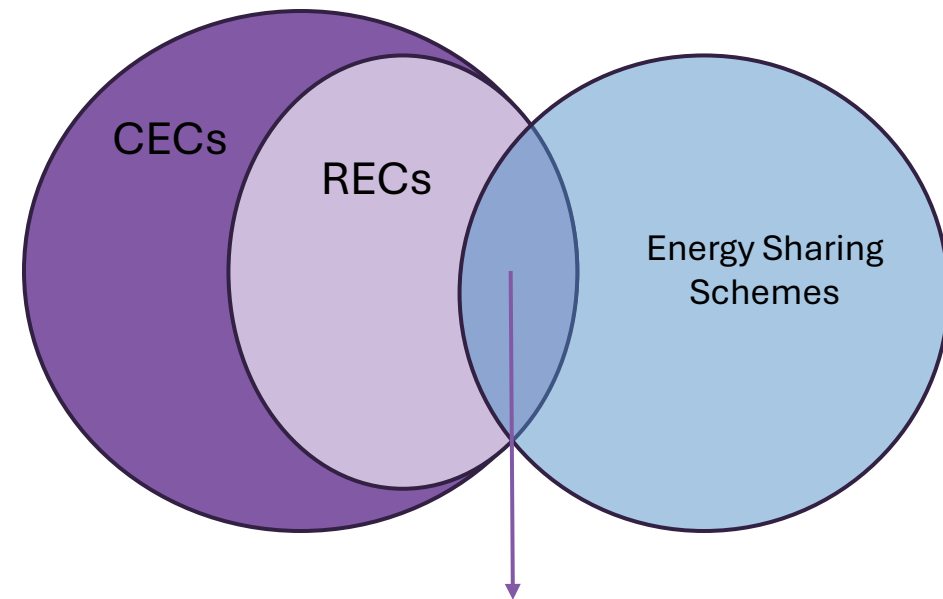


Mapping of EU legislation on energy sharing		
Identification, analysis, and mapping of Member State transposition of EU energy sharing law	Identification, analysis, and mapping of relevant regulation	
Directive (EU) 2019/944 [as amended by Directive (EU) 2024/1711] Directive (EU) 2018/2001 [as amended by Directive (EU) 2023/2413]	IT: dec.lgs.199/21 IT: dec.lgs. 210/21 PT: Decreto-Lei no 15/2022 PT: Decreto-Lei no 99/2024 BE (Flanders): Energiedecreet NL: Energiewet	<i>inter alia:</i> <ul style="list-style-type: none">• IT: Decreto CACER• IT: TIAD• IT: GSE Operational Rules• PT: ERSE Reg 815/2023• BE (Flanders): Energiebesluit• NL: Besluit op afstand uitleesbare meetinrichtingen• NL: Besluit factuur, verbruik- en indicatief kostenoverzicht energie

Governance

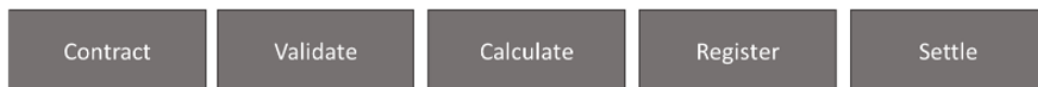
Analytical Framework

Governance	Legal research questions
1. Legal form	<ul style="list-style-type: none"> - (How) does the law define the legal form of ECs?
2. Technical Preconditions - metering	<ul style="list-style-type: none"> - Are there technical requirements for membership of an EC, particularly with regard to metering?
3. Eligibility of Community members	<ul style="list-style-type: none"> - What persons or legal entities can become members of an EC? - Do any additional limitations apply to membership?
4. Type of membership participation	<ul style="list-style-type: none"> - What conditions attach to the commencement and termination of participation in an EC?
5. Community control	<ul style="list-style-type: none"> - Does the law define control? - Which EC members have control and under what conditions?
6. Representation	<ul style="list-style-type: none"> - What administrative duties and activities of the EC may be delegated to third parties and under which circumstances? - Who can be appointed as a representative?
7. Legally enabled activities	<ul style="list-style-type: none"> - In what activities are ECs entitled to engage?
8. Asset ownership	<ul style="list-style-type: none"> - Do any limits attach to the ownership of generation assets, for the EC in general and for energy sharing specifically?
9. Geographical limitation	<ul style="list-style-type: none"> - Do any spatial restrictions apply to the activities which an EC is entitled to engage in, and particularly to energy generation and sharing?
10. Capacity limitation	<ul style="list-style-type: none"> - Do any capacity limits apply to the generation assets of an EC? - Are there limits on the capacity of generation assets that can be owned by RECs and CECs? - Are there limits on the volume of energy that can be shared within ECs?
11. Primary purpose	<ul style="list-style-type: none"> - What shall be the primary purpose of ECs? - Are there any limitations or prohibitions?

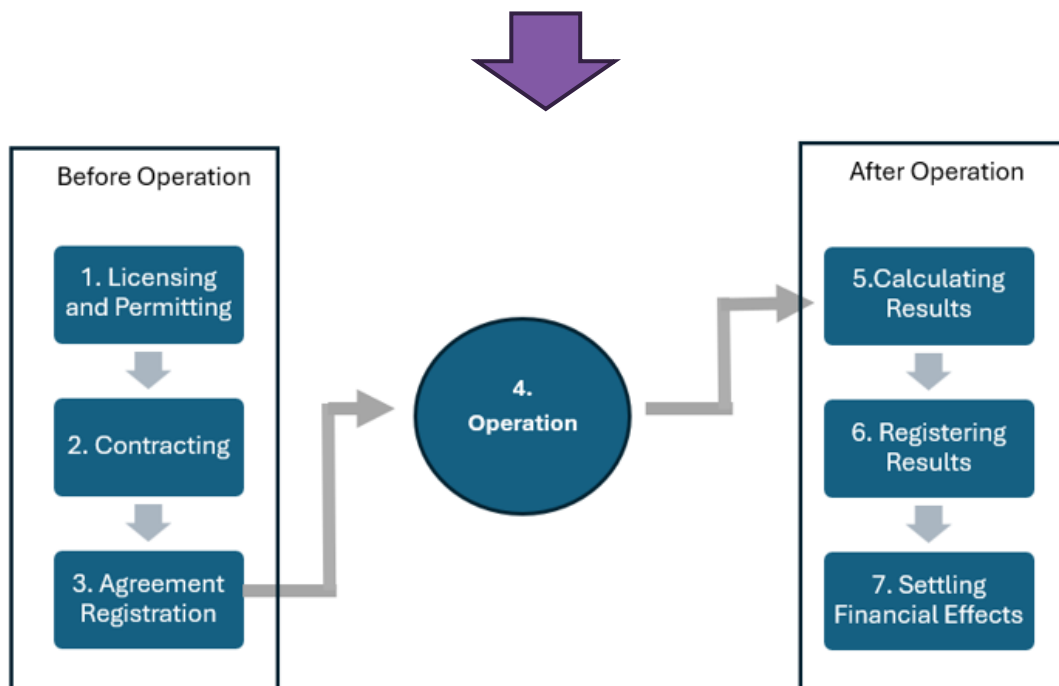


Particular attention to the governance restrictions introduced with the amendments of Electricity Market Reform

Energy sharing Analytical Framework



Steps of the process that facilitates energy sharing according to ENTEC



The phases of energy sharing used for the legal mapping in this deliverable

Phase		Legal research questions
Before operation	1. Permitting and licensing	<i>Licences for the generation unit</i> <ul style="list-style-type: none"> - What type of licence/permit is required? - Which authority is competent? - What is the procedural iter?
	2. Contracting	<i>Licence for registering the energy communities</i> <ul style="list-style-type: none"> - What type of licence/permit is required? - Which authority is competent? - What is the procedural iter? <i>Obligations of a representative sharing/community organiser</i> <ul style="list-style-type: none"> - What are the obligations of the sharing/community organiser? - Are there any restrictions on the charge for the community sharing fee? <i>Sharing keys</i> <ul style="list-style-type: none"> - What types of sharing keys are possible? E.g., static v dynamic - How are shared keys defined? - Is there any restriction? E.g., sharing for a fee or for free - Who can adjust them and how often? <i>Balance responsibility</i> <ul style="list-style-type: none"> - Who can/must take balance responsibility?
	3. Agreement registration	<ul style="list-style-type: none"> - Who is competent to hold the agreement registration? - What are the procedures to register the agreements?
After operation	4. Operation	<i>Under the assumption that energy sharing is taking place virtually</i> <ul style="list-style-type: none"> - Can CECs operate a network as a DSO? - What is the obligation of the DSO in facilitating energy sharing? - What is the obligation of the supplier in facilitating energy sharing? - Is there any operational restriction on sharing energy concerning the ownership of the energy asset?
	5. Calculating results	<ul style="list-style-type: none"> - Who is competent? <ul style="list-style-type: none"> o When? o How? - Are there any legal restrictions?
	6. Registering results	<ul style="list-style-type: none"> - Who is competent? <ul style="list-style-type: none"> o When? o How? - Are there any legal restrictions?
	7. Settling the financial effects	<ul style="list-style-type: none"> - Can energy communities provide a separate bill for shared energy and/or other energy services? - Does the law specify the structure of the invoice? - What impact, if any, does energy sharing have on the network charges paid by energy communities' members?



Governance in ECs and Energy Sharing

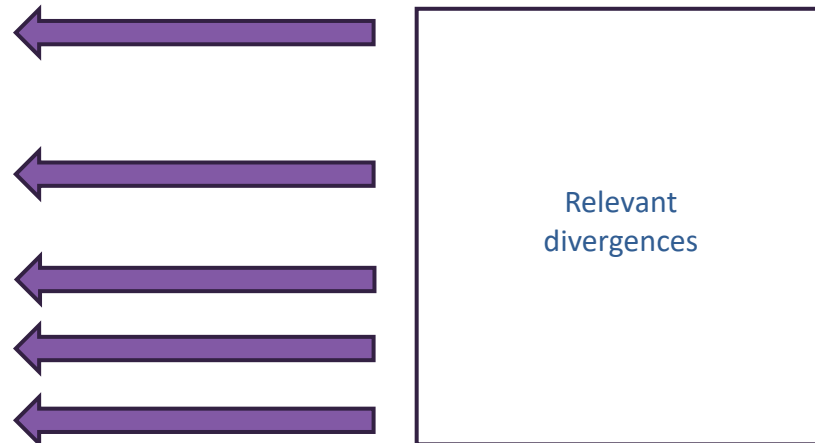
Alessandra Porcari

EUI/FSR

Governance

Analytical Framework

Governance	Legal research questions
1. Legal form	<ul style="list-style-type: none"> - (How) does the law define the legal form of ECs?
2. Technical Preconditions - metering	<ul style="list-style-type: none"> - Are there technical requirements for membership of an EC, particularly with regard to metering?
3. Eligibility of Community members	<ul style="list-style-type: none"> - What persons or legal entities can become members of an EC? - Do any additional limitations apply to membership?
4. Type of membership participation	<ul style="list-style-type: none"> - What conditions attach to the commencement and termination of participation in an EC?
5. Community control	<ul style="list-style-type: none"> - Does the law define control? - Which EC members have control and under what conditions?
6. Representation	<ul style="list-style-type: none"> - What administrative duties and activities of the EC may be delegated to third parties and under which circumstances? - Who can be appointed as a representative?
7. Legally enabled activities	<ul style="list-style-type: none"> - In what activities are ECs entitled to engage?
8. Asset ownership	<ul style="list-style-type: none"> - Do any limits attach to the ownership of generation assets, for the EC in general and for energy sharing specifically?
9. Geographical limitation	<ul style="list-style-type: none"> - Do any spatial restrictions apply to the activities which an EC is entitled to engage in, and particularly to energy generation and sharing?
10. Capacity limitation	<ul style="list-style-type: none"> - Do any capacity limits apply to the generation assets of an EC? - Are there limits on the capacity of generation assets that can be owned by RECs and CECs? - Are there limits on the volume of energy that can be shared within ECs?
11. Primary purpose	<ul style="list-style-type: none"> - What shall be the primary purpose of ECs? - Are there any limitations or prohibitions?



Governance

Eligibility and control

Eligibility:

What persons or legal entities can become members of an EC? Do any additional limitations apply to membership?

Control:

Which EC members have control and under what conditions?

Eligibility

EU law:

REC - natural persons, SMEs or local authorities, including municipalities

CEC – open to anyone

Energy sharing - the same then REC, but Member States has discretion to expand (capacity and geographical restriction).

Italy: long list for RECs' members; open to anyone for CECs.

Portugal: open to anyone for both RECs and CECs

Belgium (Flanders): full transposition

Netherlands: long list for EC members

Key observations:

- PT open eligibility and control of ECs to anyone
- The eligibility criteria of energy sharing in the EMD reform could restrict sharing within ECs open to large entities (e.g., capacity and geographical).

Control

EU law:

REC – Any eligible member located in the proximity

CEC – Exclude large enterprises

Energy sharing – not applicable

Italy: RECs' eligible members located in the proximity of the facility; long list for CECs.

Portugal: RECs and CECs can be controlled by any of their members

Belgium (Flanders): full transposition

Netherlands: long list for EC members

Governance

Asset Ownership

Asset Ownership:
Do any limits attach to the ownership of generation assets, for the EC in general and for energy sharing specifically?

EU law:

- **CEC and REC** - There is no strict requirement regarding ownership, renting, or leasing of assets installed by individual community members
- **Energy Sharing schemes under Dir. (EU) 2024/1711** - Facility shall be owned, rented, or leased in whole or in part by sharing members. A legal entity incorporating the criteria of a REC or CEC can share with its members electricity generated from facilities they have in full ownership.

Italy: generation and storage facilities shall be under the 'availability and control' of REC and CEC

Portugal: ECs can share renewable energy produced by generation units for self-consumption at its service. UPACs can be owned by community members, but ECs must be registered as their manager (EGAC).

Belgium (Flanders): RECs and CECs must hold property (or user) rights on the facilities

Netherlands: RECs and CECs can own, lease or rent assets

Key observations:

- Homogeneous implementation in analysed Member States
- The asset ownership regime for energy sharing under the EMD reform is aligned with the current framework

Governance Representation

Representation:

What administrative duties and activities of the EC may be delegated to third parties and under which circumstances?
Who can be appointed as a representative?

EU law:

- **CEC and REC** - EU law does not specify the requirements of the community representative
- **Energy Sharing organiser** role introduced by Dir. (EU) 2024/1711 (art. 15a(3)(a))

Italy: A representative (*Soggetto Referente*) shall be designated for accessing grants and incentives provided by GSE

Portugal: ECs involved in energy sharing must nominate a manager (EGAC), who has a long list of role and responsibilities (e.g., DSO's communication, billing)



































































































Belgium (Flanders): ECs involved in energy sharing can entrust various activities and duties to a community manager, especially in their interaction with Fluvius.

Netherlands: an 'energy sharing organiser' can be appointed to facilitate energy sharing.

Key observations:

- Diverges about the representative's obligations (ranging from mere contact points to exhaustive list of obligations)
- Changes with the EMD reform

Legally enabled activities

	REC under Directive (EU) 2018/2001	CEC under Directive (EU) 2019/944	Energy Sharing Schemes under Directive (EU) 2024/1711
Production	    	    	
Storage	    	    	
Sharing	    	    	
Selling	    	    	
Supply	    	    	
Aggregation	    	    	
Energy service	    	    	
Grid management		  	
Access suitable markets	    	    	
Flexibility	    	    	

Key observations:

- PT legislation explicitly regulates energy efficiency services only for CECs
- In BE and NL, legislation does not provide for the CECs' entitlement to manage distribution grids
- Flexibility services can be performed



Energy Sharing

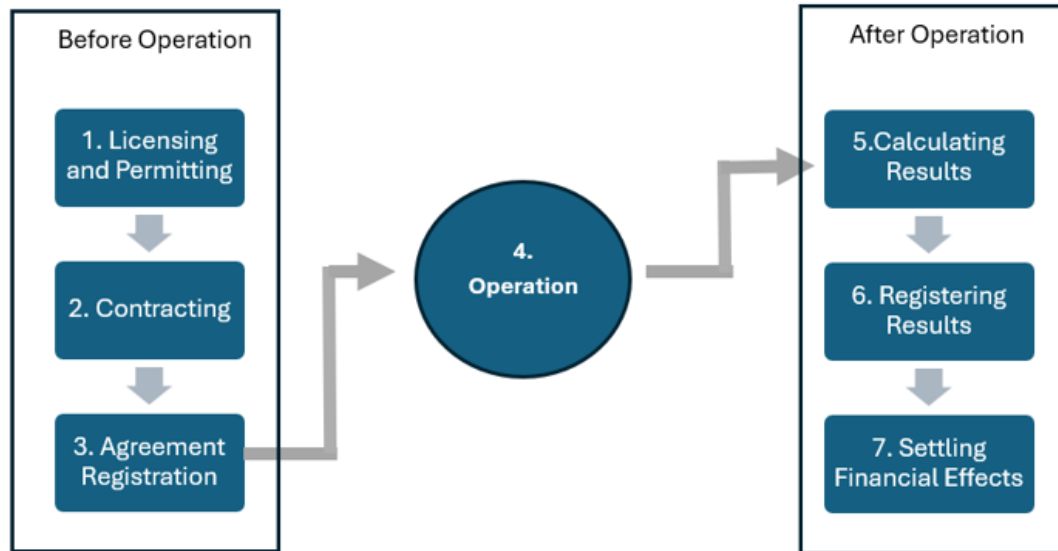
Lucila de Almeida

EUI/FSR

Eva Winters

TNO

Energy sharing Analytical Framework



The phases of energy sharing used for the legal mapping in this deliverable

Phase		Legal research questions
Before operation	1. Permitting and licensing	<i>Licences for the generation unit</i> <ul style="list-style-type: none"> - What type of licence/permit is required? - Which authority is competent? - What is the procedural iter? <i>Licence for registering the energy communities</i> <ul style="list-style-type: none"> - What type of licence/permit is required? - Which authority is competent? - What is the procedural iter?
	2. Contracting	<i>Obligations of a representative sharing/community organiser</i> <ul style="list-style-type: none"> - What are the obligations of the sharing/community organiser? - Are there any restrictions on the charge for the community sharing fee? <i>Sharing keys</i> <ul style="list-style-type: none"> - What types of sharing keys are possible? E.g., static v dynamic - How are shared keys defined? - Is there any restriction? E.g., sharing for a fee or for free - Who can adjust them and how often? <i>Balance responsibility</i> <ul style="list-style-type: none"> - Who can/must take balance responsibility?
	3. Agreement registration	<ul style="list-style-type: none"> - Who is competent to hold the agreement registration? - What are the procedures to register the agreements?
After operation	4. Operation	<i>Under the assumption that energy sharing is taking place virtually</i> <ul style="list-style-type: none"> - Can CECs operate a network as a DSO? - What is the obligation of the DSO in facilitating energy sharing? - What is the obligation of the supplier in facilitating energy sharing? - Is there any operational restriction on sharing energy concerning the ownership of the energy asset?
	5. Calculating results	<ul style="list-style-type: none"> - Who is competent? <ul style="list-style-type: none"> o When? o How? - Are there any legal restrictions?
	6. Registering results	<ul style="list-style-type: none"> - Who is competent? <ul style="list-style-type: none"> o When? o How? - Are there any legal restrictions?
	7. Settling the financial effects	<ul style="list-style-type: none"> - Can energy communities provide a separate bill for shared energy and/or other energy services? - Does the law specify the structure of the invoice? - What impact, if any, does energy sharing have on the network charges paid by energy communities' members?

Energy sharing

Contracting

Obligations of a representative sharing/community organiser

- What are the obligations of the sharing/community organiser?
- Are there any restrictions on the charge for the community sharing fee?

Sharing keys

- What types of sharing keys are possible? E.g., static v dynamic
- How are shared keys defined?
- Is there any restriction? E.g., sharing for a fee or for free
- Who can adjust them and how often?

Balance responsibility

- Who can/must take balance responsibility?

EU: Energy sharing is for a price or free of charge. The calculation method is pre-defined and can be static, variable or dynamic

IT: Sharing happens on a private law agreement and may include sharing keys and conditions governing energy sharing

Portugal: Internal agreement, including rules on joining and leaving, decision making, sharing method (different models are possible), payment of fees and remunerations. Appoint an operational manager of energy sharing

Belgium (Flanders): Agreements contains rules on rights and obligations members, sharing keys, sharing cannot be for a price. Obligation to appoint a manager to communicate with DSO

NL: Currently energy sharing only possible if all participants have the same supplier. Amendment to these rules are published, not approved yet; making supplier Independent energy sharing possible. Sharing based on fixed percentage per 15 min. If the receiver does not consume the energy it is registered as a feed in for the receiving party. Sharing keys can be adjusted with minimum of 1 working day.

Key observations:

- Divergence about what terms and conditions must be included in the sharing agreement (e.g., IT vs PT)
- Divergence about economic benefits: Sharing for free only (BE)
- Divergence in sharing keys: fixed, variable or varieties (NL, PT)

Energy sharing

Agreement registration

- What are the procedures to register the agreements?
- Who is competent to hold the agreement registration?

EU: The DSO/TSO should provide a point of contact to register the agreement/ sharing arrangement.

Italy: No registration at DSO, only with the GSE for the subsidy

Portugal: the internal agreement of the EC should be shared with a governmental body (not NRA) within 3 months after the sharing unit becomes operational. The manager communicates the sharing keys with the DSO.

Belgium (Flanders): Manager registers the community with the DSO: connections participating and if it 'injects or collects'. The agreement is subject to ex-ante tests by the DSO.

NL: The sharing arrangement is registered with the DSO/TSO. EC can appoint a manager but is not mandatory. Contact person is mandatory. DSO responsible for registering the agreement. Contact person provides all the relevant information. Connection provide consent for data sharing with BRP and SUP.

Key observations:

- Divergence in who is competent to hold: DSO only (BE, NL); DSO + governmental body DGEG (PT); or only a governmental entity GSE (IT)

Energy sharing

Operational

Under the assumption that energy sharing is taking place virtually

- Can CECs operate a network as a DSO?
- What is the obligation of the DSO in facilitating energy sharing?
- What is the obligation of the supplier in facilitating energy sharing?
- Is there any operational restriction on sharing energy concerning the ownership of the energy asset?

EU: DSO should facilitate energy sharing and Member States. SUP could not discriminate energy sharing members (including those with fixed-price).

IT: DSO is responsible for monitoring, collecting and validating the energy sharing data per imbalance settlement periods. DSO shares information with GSR. SUP must do the intermediation between final n final users and DSOs.

Portugal: The same role of DSO. DSO shares information with the manager (EGAC), including energy surplus. ECs can be the only suppliers of sharing members, but energy sharing members could enter into a contract with a SUP as a surplus contract.

Belgium (Flanders): The same role of DSOs. DSO contacts SUPs to reduce volume through the energy sharing scheme. SUP could charge incurred costs.

NL: The same role for DSOs. SUP (P2P trader) and BRP are obligated to allow the connected customer to share energy but could charge for incurred costs.

Key observations:

- convergence on the role of DSO;
- Divergences in the roles SUP (vis-a-vis sharing organiser).

Energy sharing

Calculating results

- Who is competent?(When? How?)
- Are there any legal restrictions?

EU: Active customers are entitled to have the shared electricity injected (..) deducted from their total metered consumption within the ISP. Grid operator or other DB monitor, collect validate, communicate data, and put IT systems in place (for the calculation)

Italy: GSE is in charge for calculating the results, registering them and settling the financial effects. Matching/ calculation on hourly basis.

Portugal: Matching takes place on 15 min and calculation is carried out by the grid operator. The DSO provides the information necessary for invoicing. DSO informs the manager about the surplus produced. The supplier/ aggregator should offer a surplus contract and claim a feed-in tariff.

Belgium (Flanders): DSO provides a point of contact for registering the sharing agreement. The DSO is responsible for calculating the sharing results; once a month based on quarterly-hour data from the previous month. Estimations are used if not all data is available.

Netherlands: Grid operator is responsible for monitoring, collecting, validating the data per ISP. The grid operator calculates the amount of energy. The calculation and accompanying meter data is shared the point of contact and other involved market participants that are active on the accounting point (BRP/SUP)

Key observations:

- DSO is in all countries responsible for the calculations; except from Italy.
- In Portugal, Belgium and the Netherlands the sharing leads to a deduction of total metered consumption

Energy sharing

Registering Results

EU: Grid operator or other DB is appointed to monitor, collect, validate and communicate metering data with relevant customers and market participants, min monthly. There should be a point of contact that could, if applicable, validate calculation method. No explicit rules on how the results should be registered.

Italy: The results of the hourly matching translates into a contribution that depends on the market price (subsidy per shared kWh) The GSE informs relevant parties via an online platform

Portugal: The network operator is responsible for changing the consumption data, no explicit mentioning of registering the results. However, the DSO provides the information necessary for invoicing. DSO informs about the surplus produced.

Belgium (Flanders): The DSO is responsible for registering the energy sharing results and making them available for parties involved, such as the manager, participating members and reconciliation responsible.

Netherlands The grid operator is responsible for registering the results.

Key observations:

- Except from Italy, the DSO is responsible for registering the results

- Who is competent?(When? How?)
- Are there any legal restrictions?

Energy sharing

Settling Financial Effects

Key observations:

- **Italy:** the energy sharing happens outside of the process of allocation and reconciliation. No deduction on the consumption (sourcing), no impact on taxes and grid charges: Cash-back model via subsidy
- **Belgium and Portugal:** Opted for an ex-post adjustment: adjustment on the energy bill
- **Belgium (Flanders):** Sharing cannot be for a price. In Flanders, the sharing does not impact the charges, taxes, surcharges and contributions for public service obligations or certificate obligations.
- **Impact on other parties:** There is a dedicated party responsible for an ex-post financial reconciliation between the BRP, supplier and sharing parties.
- **Portugal:** Sharing leads to a deduction in network charges
- **Netherlands:** Sharing can be for a price, or for free. Sharing has no impact on taxes, levies and grid charges. BRP / supplier might charge for reasonable costs that are incurred.
- Energy sharing model is part of supply: part of allocation

- *Can energy communities provide a separate bill for shared energy and/or other energy services?*
- *Does the law specify the structure of the invoice?*
- *What impact, if any, does energy sharing have on the network charges paid by energy communities' members?*



Peer-to-Peer Trading

Max Münchmeyer

EUI/FSR

Peer-to-Peer Trading

How does P2P trading as implemented in national law interact with the governance and sharing arrangements of energy communities?

EU: Narrow definition under RED (sales contract, automatically executed)

Italy: transposed but not regulated in detail

Portugal: transposed as a legally enabled activity of ECs, but regulation restricts P2P to the trading (direct or through an aggregator) of surplus energy from self-consumption

Belgium (Flanders): regulated in largely the same way as energy sharing, but treated as distinct activity between precisely two active customers

Netherlands: implemented as a form of supply, with P2P-style trading allowed within ECs and exempt from supplier license requirement

Key observations:

- Heterogenous implementation in analysed Member States, particularly with regard to regulatory detail and the degree to which the law specifies whether and how P2P trading arrangements intersect with EC governance and energy sharing
- However, P2P trading as defined in EU law is generally treated as an activity which is independent from, though not incompatible with, EC membership

**Thank you for your
attention**



U2DEMO



U2DEMO

Thank you!



u2demo.eu



/U2Demo



/company/u2demo



Funded by
the European Union

Funded by the European Union's Horizon Innovation Actions under grant agreement no. 101160684. Views and opinions expressed in this document are those of the authors only and do not necessarily reflect those of the European Union or the European Climate, Infrastructure and Environment Executive Agency (CINEA). Neither the European Union nor the granting authority can be held responsible for them.