

Local Energy Communities

Where we are in Flanders?



Renewable Energy Directive

Electricity market Directive





Topic	REC	CEC	LEC	VME	CDS	CER	projectnet
	REDII	IEMD	ROLECS	--	VREG	CWaPE	RVO
Ownership	✓	✓	X	✓	✓	✓	✓
Production of electricity	✓	✓	✓	X	X	✓	✓
Energy sharing	✓	✓	✓	✓	✓	✓	✓
Free choice of supplier	✓	✓	?	X	✓	✓	?
Distribution	X	✓	✓	X	✓	X	?
Supply	X	✓	?	X	X	X	✓
Sales	✓	X	✓	✓	X	✓	✓
Consumption of energy	✓	✓	✓	✓	X	✓	?
Aggregation	X	✓	✓	X	X	X	?
Storage	✓	✓	✓	X	X	X	?
Efficiency services	X	✓	✓	?	X	X	X
EV charging	X	✓	✓	✓	X	X	?
Market access	✓	✓	✓	X	X	X	X
Cross-border participation	✓	✓	✓	X	X	X	X



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Energy sharing	✓	✓	✓	✓	✓	✓
Free choice of supplier	✓	✓	?	X	✓	✓
Distribution	X	✓	✓	X	✓	X
Supply	X	✓	?	X	X	X
Sales	✓	X	✓	✓	X	✓
Consumption of energy	✓	✓	✓	✓	X	✓
Aggregation	X	✓	✓	X	X	X
Storage	✓	✓	✓	X	X	X
Efficiency services	X	✓	✓	?	X	X
EV charging	X	✓	✓	✓	X	X
Market access	✓	✓	✓	X	X	X
Cross-border participation	✓	✓	✓	X	X	X



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Supply	X	✓	?	X	X	X
Sales	✓	X	✓	✓	X	✓
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Storage	✓	✓	✓	X	X	X
Efficiency services	X	✓	✓	?	X	X
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Market access	✓	✓	✓	X	X	X
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Cross-border participation	✓	✓



Maatschappelijke meerwaarde?

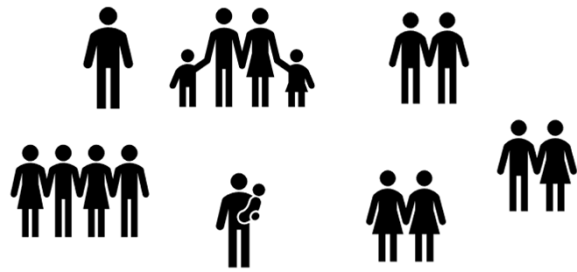
Impact?

Energie-armoede?

Rollen en verantwoordelijkheden?

Business case?

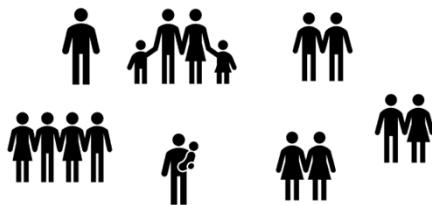




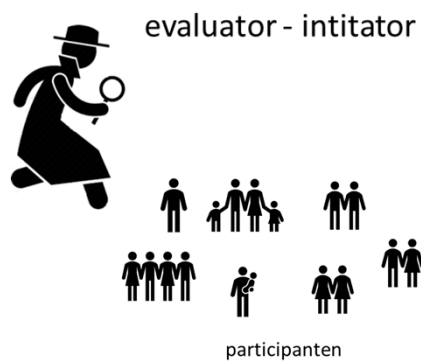
participanten



evaluator - initiator



participanten



Stakeholder	Noodzakelijk	Rol
Investeerder (extern)	-	Investeren
Verzekeraar	Ja	Verzekeren
Bank	-	Financieren
Asset eigenaar	-	Participeren, investeren
Leverancier(s)	-	Energie leveren
Aggregator	-	Flexibiliteit aggregeren
BRP	Ja	Balanceren
Asset operator	Ja	Assets sturen
Integrator	Ja	Integreren metering en sturing
DNB	-	Faciliteren opt-out, beheren net, garanderen veiligheid, leveringsgarantie behoeftigen
LEC operator	Ja	Operationeel beheer LEC
Onafhankelijke datamanager	?	Uitlezen verbruiken, data beheren, data communicatie, GDPR compliancy garanderen, ...
Ingenieursbureau	-	Technisch ontwerp, assets optimaliseren, sturing
LEC beslissingsorgaan	Ja	Beslissingen nemen, taken delegeren
Accountant	Ja	Facturatie

Mechelen Noord -
industrieel

Haasrode industrie
- industrieel

Energent –
coöperatief residentieel

Oud-Heverlee
residentieel bestaand

Nieuwe Dokken –
residentieel nieuwbouw



Thor -
onderzoek

Kortrijk-
commercieel

Opwijk -
ambachtelijk

VUB -
microgrid

Genk-Hasselt -
residentieel



