

# European Green Deal Potential of energy communities



# Potential of energy communities for EGD



**Mutual benefits?**

<b>Cross-cutting topics</b>	Circular economy	- 100% Renewable energy	- Trading & distribution	- Energy sharing	- Active citizens participation
	Business Development	- Production, consumption & storage	- Power & heat	- Small scale and decentralized energy systems	- Social innovation
	Gender				



## EGD and coops: Empowered citizens bring just transition

- Leave no one behind (just transition)
- Finance the energy transition
- Provide skills for transformation
- Foster innovation and new technologies (price depression)
- Using and transposing the groundbreaking energy package: “citizens at its core, take ownership of energy transition, benefit from technologies, participate actively, vulnerable consumers are protected”
- **Push and support a sustainable Europe**

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# Advantages of gender-just energy cooperatives

## Transformation

Alleviate poverty, create jobs, improve welfare, protect climate, strengthen gender equality

## Successful energy transition

Uptake of renewable and effective energy solutions with a wider scope

## Sustainability

Gender-just climate and energy policy leads to more sustainable measures overall

## Higher participation

Increases social acceptance & trust

## More power

Use transformational potential: more actors - expertise - engagement

## Equal opportunities

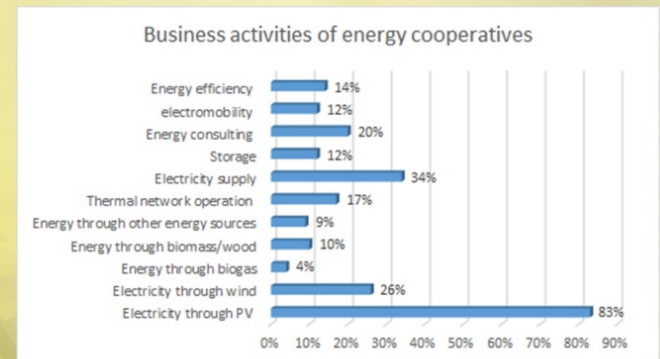
Reduce structural, financial and personal barriers

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## Successes & challenges in Germany

- More than 1000 energy cooperatives
- 200,000 members
- 2.9 million euros investments in renewable energies
- 3.39 million tons of saved CO<sub>2</sub>-emissions in 2019
- 48 GW community-owned electricity power plants in 2020



Source: DGRV, 2020

## Keys to success

Technical & economic aspect:

- Supportive legal framework
- Energy cooperatives are well organized and represented at the decision-making level
- Development of RE technologies and their price depression
- High expertise and skills of cooperative actors

Social aspects:

- Highly accepted
- Catalysts for social and economic inclusion and political empowerment at the local level
- Bottom-up and democratic concept
- Gender Equality

**=> Bring everyone on board for energy transition**



## Challenges & barriers

### Legal framework

- Still centralized energy market
- No energy sharing
- Discrimination of own consumption
- Tenders

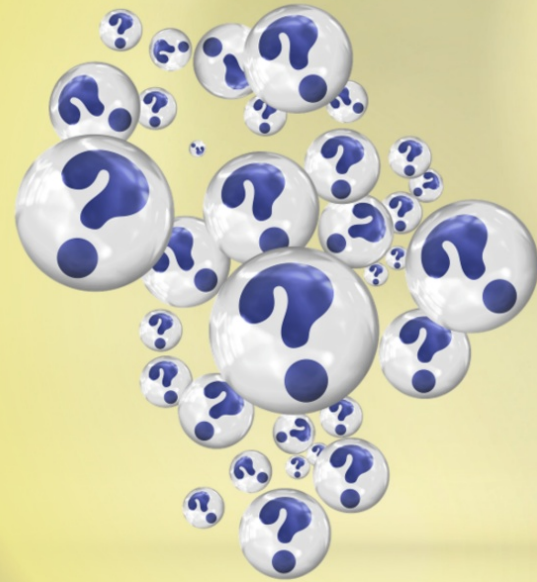
### Social context

- Too less representation and visibility of citizen energy
- Not using expertise and networks

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# Q&A



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