



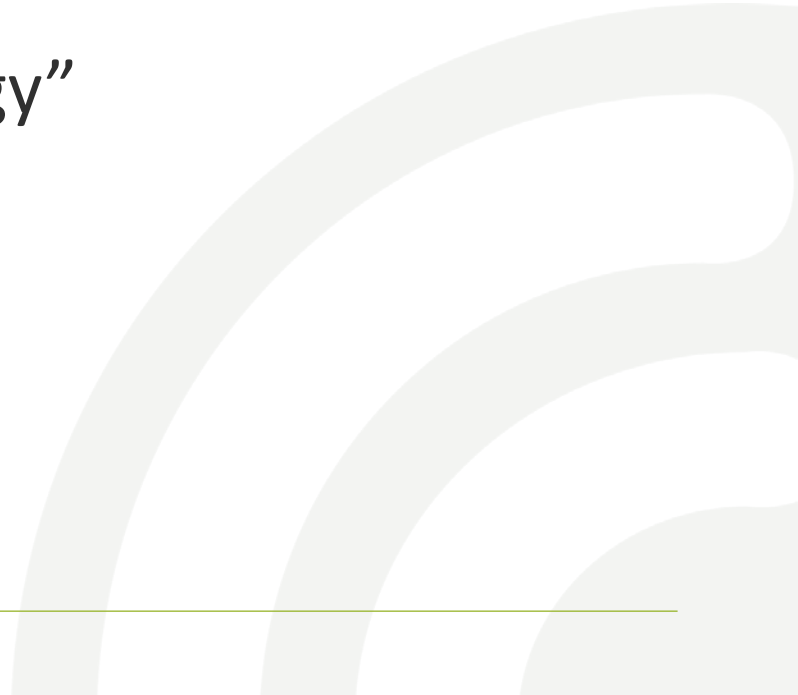
# How Community Energy grapples with organizational inclusiveness- Germany

Marco Guetle  
Bündnis Bürgerenergie

# WHO WE ARE

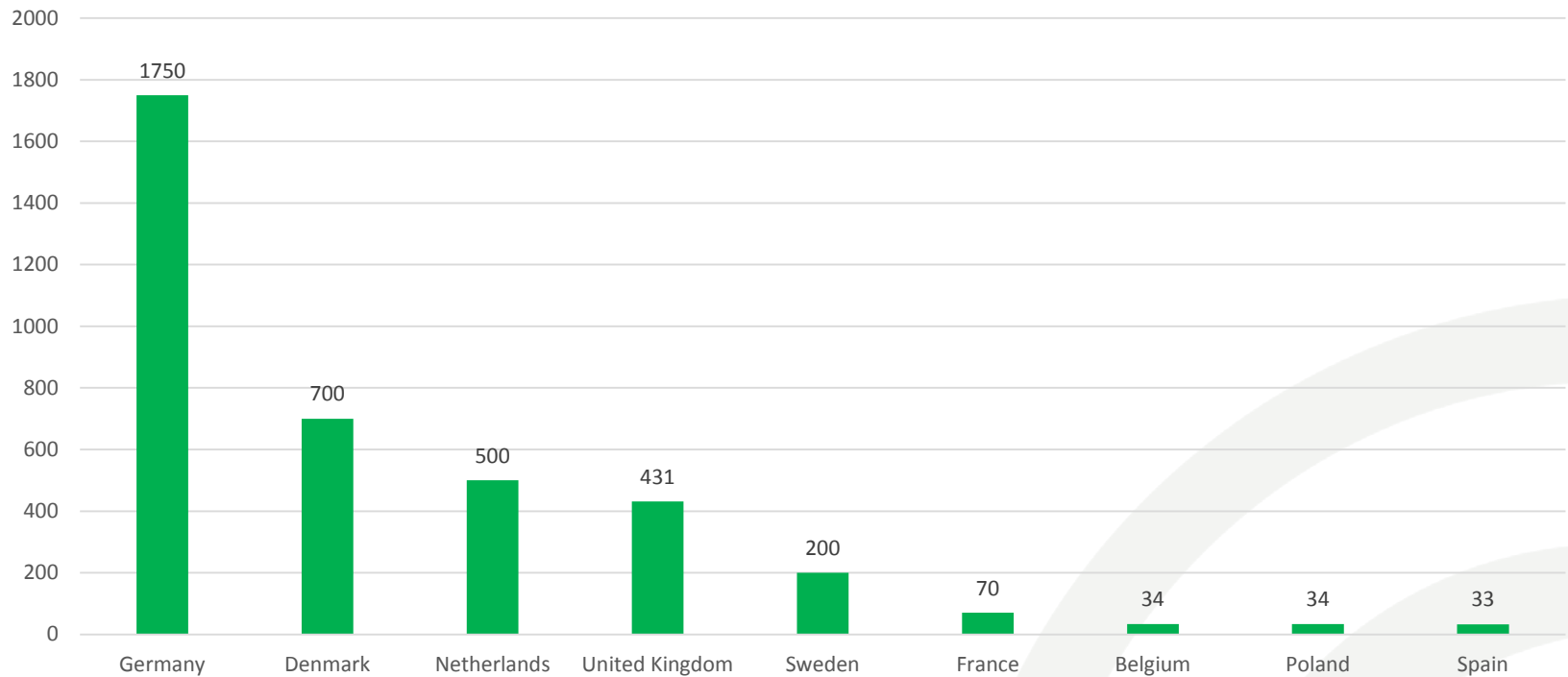


- Association for community energy in Germany
- Founded in 2014: context
- About 250 members, many coops and local initiatives
- Broad concept of “citizen energy”



# COMMUNITY ENERGY

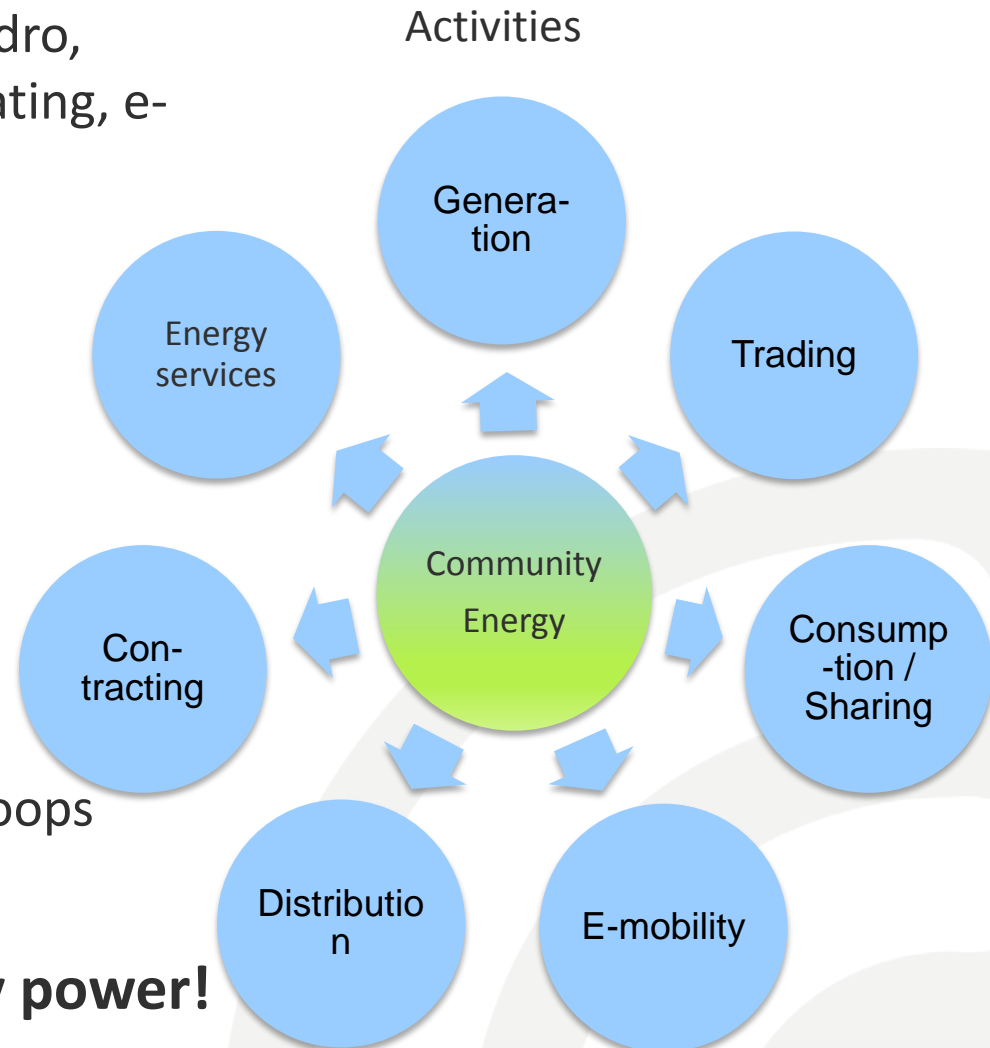
Approx. number of community energy initiatives



# IMPORTANT ACTORS FOR COMMUNITY POWER **BBEn** Bündnis Bürgerenergie e.V

- **Technologies:** wind, solar, small hydro, bioenergy, heat pumps, district heating, e-vehicles
- **Structure/ownership:** cooperative, association, partnership, stock companies, development trust
- **Geographical spread** (from local to nation-wide, from a few to thousands of members)
- **Membership motivation** and socio-economic innovation (bio-energy villages, co-housing, agro coops)

→ **High expertise on community power!**



# INCLUSIVENESS OF ORGANIZATIONS – LOCALLY AND NATIONALLY

- Community energy movement based both locally and nationally
  - Different aspects of inclusiveness on different levels
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## INCLUSIVENESS OF LOCAL PROJECTS

- Governance aspect: highly inclusive (coop principle), even in „GmbHs & Co. KG“ projects (private ll companies)
  - Financial aspects: low thresholds prevalent; minimum investments low
  - Diversity aspects/ societal inclusion...
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## RESEARCH ON INCLUSIVENESS OF LOCAL PROJECTS

- „between the common good and private returns“
  - Research shows: male members and higher income groups are highly represented in local projects
  - Gender balance not in place
  - Very few members that have a family history of migration
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## **SOCIETAL INCLUSIVENESS**

- More of a cultural/communication/power issue than a financial issue
  - (soft) Power in local initiatives should be more balanced in terms of diversity
  - Diversity of actors (women, migrants); diversity of income groups has to be implemented into the local culture
  - Good regulatory framework is paramount: political will crucial
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## INCLUSIVENESS OF THE NATIONAL MOVEMENT

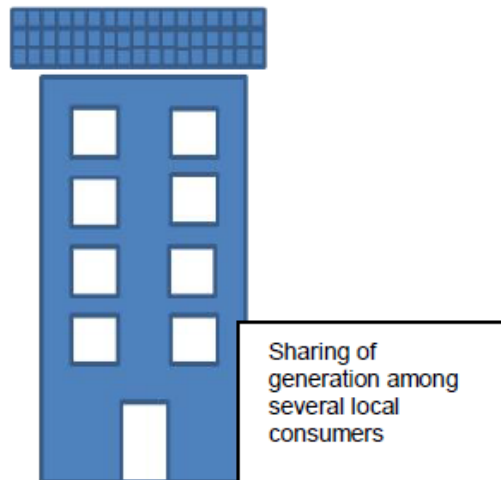
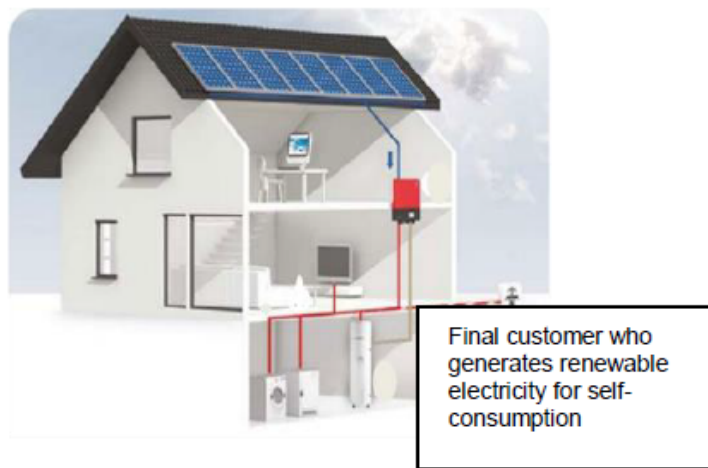
- More of a political movement than local economic activity
  - Focus on regulation
  - Tendency on technological difficulties („engineer spirit“) rules energy association sector – „male“ culture
  - Mirror of inclusiveness shortcomings of local projects
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## **INCLUSIVENESS OF THE NATIONAL MOVEMENT**

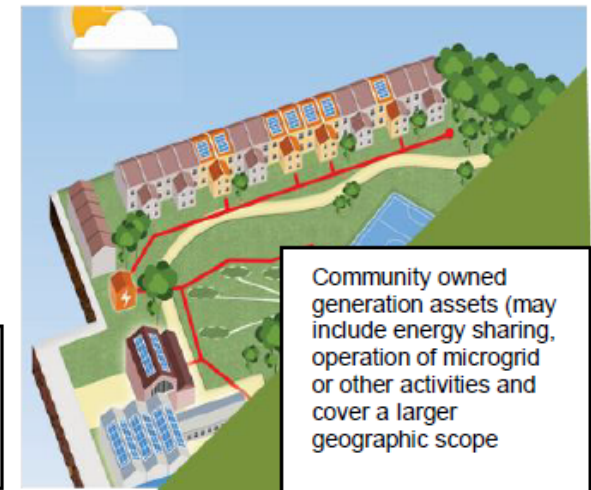
- Shortcomings: gender, income, cultural diversity, and: age
  - What do we do against this?
  - Communication campaigns/ focusing on gender equality
  - Fighting for good regulatory frameworks
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# SELF-CONSUMPTION AND ENERGY COMMUNITIES MODELS ON ENERGY SHARING

collective self-consumption



energy community



# PROGRESS ON TRANSPOSITION IN GERMANY



<b>RED Art. 21 (individual &amp; collective self-consumption)</b>	<b>Transposition process</b>
New rules for self-consumption	
Rules enabling collective self-consumption	
Distinction betw. individual and collective self-consumers	
Rules enabling p2p trading	
No double levies/fees for energy storage use	
<b>RED Art. 22 (renewable energy communities RECs)</b>	
Definition of RECs (existing not RED compatible)	
Sharing of energy within RECs	
Assessment of existing barriers/potential for development of RECs	
Enabling framework for RECs (removing barriers, discrimination)	
<b>EMD Art. 16 (citizen energy communities)</b>	
Definition and relationship in regard to RECS	
Facilitation of energy transmission within CECs by DSOs	

*Pending, no legislative activity yet*

# HOW TO UNLEASH COMMUNITY POWER???



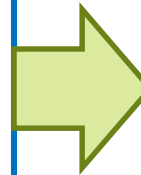
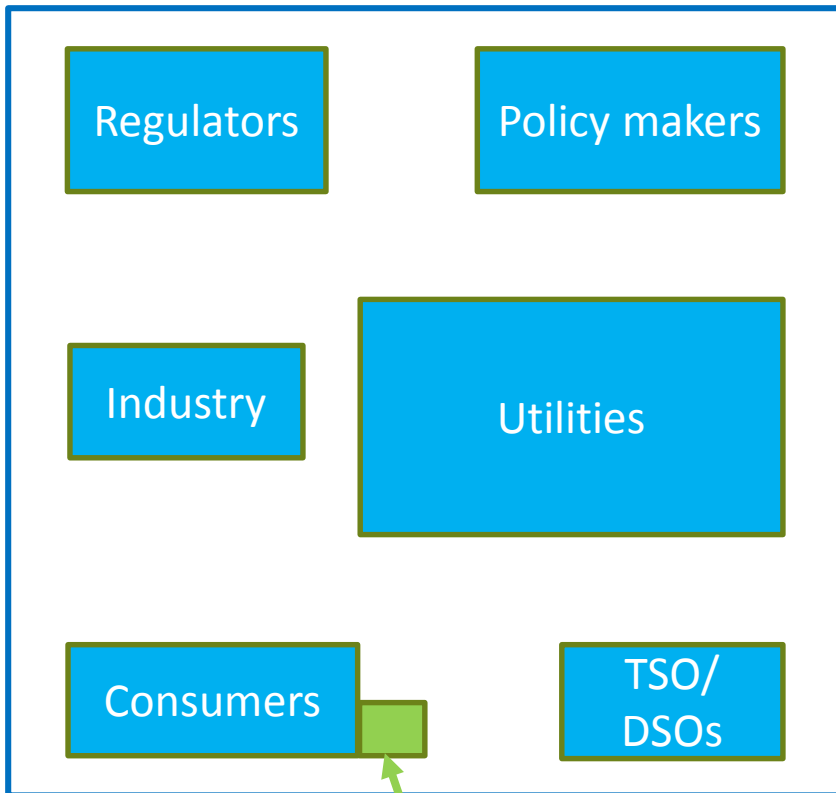
**OF COMMUNITY RENEWABLE ENERGY**

THANK YOU

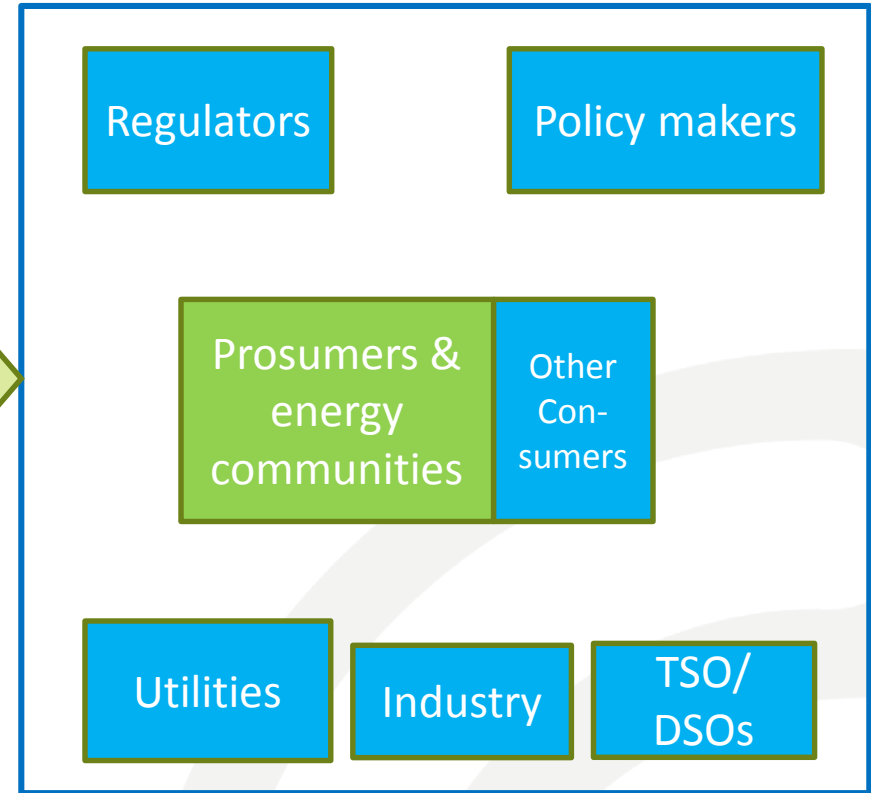


# OUR STRONG VISION

Today's typical European energy system (national)



Future European Energy Union



Prosumers and energy communities