The Power of Energy Communities in Poland
MORE THAN ENERGY MOVEMENT

- **2015**
  RES Act amendment - FIT for prosumers

- **2016**
  Net metering system („hobby”)

- **150** institutional partners

- Advocacy
  - public campaign
  - publications
  - conferences
  - workshops
  - media
2019 - Year of Prosumers!

• Rapid growth – almost 200% !!!

<table>
<thead>
<tr>
<th>Year</th>
<th>Microinstallations</th>
<th>Power</th>
</tr>
</thead>
<tbody>
<tr>
<td>2018</td>
<td>54,000</td>
<td>343 MW</td>
</tr>
<tr>
<td>2019</td>
<td>154,000</td>
<td>1 GW</td>
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</tbody>
</table>

• Total PV capacity in Poland: 1,7 GW
  (75% -> Prosumers)
2019 - Year of Prosumers & why?

**new governmental instruments**

+ **coal-generated electricity prices surge**

- Tax deduction (2019)
- Direct subsidy for individuals (Sep. 2020)
  5 000 PLN = app. €1200
- EU funds subsidies (some regions)
- Net metering allowed for SME (<50 kW)
ENERGY MIX in Poland

- Coal 77% / RES 11%

- RES in 2020
  
  EU goal (PL): 15%
  PL government prediction: 13.8%

- RES goals for 2030
  
  EU: 32%
  PL: 21-23% (with additional EU support)
Energy cooperatives

- **2019** - new legislation on energy co-operatives
  
  **Energy cooperatives like prosumers**

- Net-metering with ratio **1:0,6**
- Max capacity **10MW**
- Only rural areas - urban districts excluded
- Max. 3 neighbouring communes
- Max. **1000** members
- Installations must cover **>70%** of total EC needs

- Number of Energy Cooperatives in Poland: **8**
Growing interest in joint energy projects

- EU funds supported (majority)
- Cities, communes, schools, hospitals
- Housing cooperatives powering common spaces: lifts, corridors, lightening, pumps etc.

- Pilot support program for housing cooperatives (2020?)
  - Loans + remission
  - <50 kW, one region only
RED II Directive
project of transposition expected in June 2020

- Energy cooperatives **in cities**
- Accounting ratio for micro RES – **1:1**
- Virtual Prosumers / neighbourly sharing
- Higher limit for SME (<**500 kW**)
- Onshore wind power liberalization
- Hybrid model: PV + wind + biogas
- Support for energy communities: **MFF + national subsidy schemes**
Energy cooperatives – not only legislation

- **Cultural aspects**
  - how to make EC attractive?

- **Bad associations** from communist times especially on rural areas

- Growing **young generation** (esp. cities) ready and enthusiastic for EC

- The best motivation is a good example: **your neighbour**

- **WANTED:**
  - good practices from the other countries
  - pioneer Polish cases to be replicated
Thank you!

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