Power to empowerment

Master Thesis on Local Energy Initiatives

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Presentation structure

- Introduction
- Case of Rotterdam
- Research method
- Results
- Policy Design
- Conclusions
Introduction

- Local Energy Initiatives
- Local policy
- Bottom-up movement of the energy transition

How can local policy motivate energy initiatives to contribute to the energy transition in the community of Rotterdam?
Case of Rotterdam

- Small emerging local energy community
- Municipality role
- 3 main problems to development:
  1. Entry barrier
  2. Make an impact on the long-term
  3. Become strong independent organizations
- What do the local energy initiatives think themselves?
Research Method

- **Q-methodology**
  “Combines quantitative and qualitative research”

- **Aim:** creating **perspectives**

- **How to perform Q-method?**

- **PQ-analysis**
Results

- 3 perspectives
- 3 different types of energy initiatives in Rotterdam
- Differences
- Similarities
- Which energy initiative contributes the most to the energy transition?
## Bottom-up local support

<table>
<thead>
<tr>
<th>Increase of energy initiatives</th>
<th>A long-term contribution to the energy transition</th>
<th>Self-sustaining, independent organisations</th>
</tr>
</thead>
</table>
| - Strengthen the local energy community  
- Open data to energy initiatives  
- Raise awareness under citizens | - Assign a direct contact  
- Short-term financial support  
- Offer flexible contracting  
- Provide access to facilities  
- Provide coaching sessions | - Strengthen the local energy community  
- Provide coaching sessions  
- Short-term financial support |
Conclusion

How can local policy motivate energy initiatives to contribute to the energy transition in the community of Rotterdam?

- Focus on *typical* and *business-orientated* energy initiatives
- Strengthen the *local energy community* & raise *awareness*
- Most importantly: change from top-down to *bottom-up support* with recommended policy instruments
Thanks!

Source: Blijstroom