Power to empowerment

Master Thesis on Local Energy Initiatives

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Presentation structure

o Introduction

o Case of Rotterdam

o Research method

o Results

o Policy Design

o Conclusions

Introduction

o Local Energy Initiatives

o Local policy

o 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?
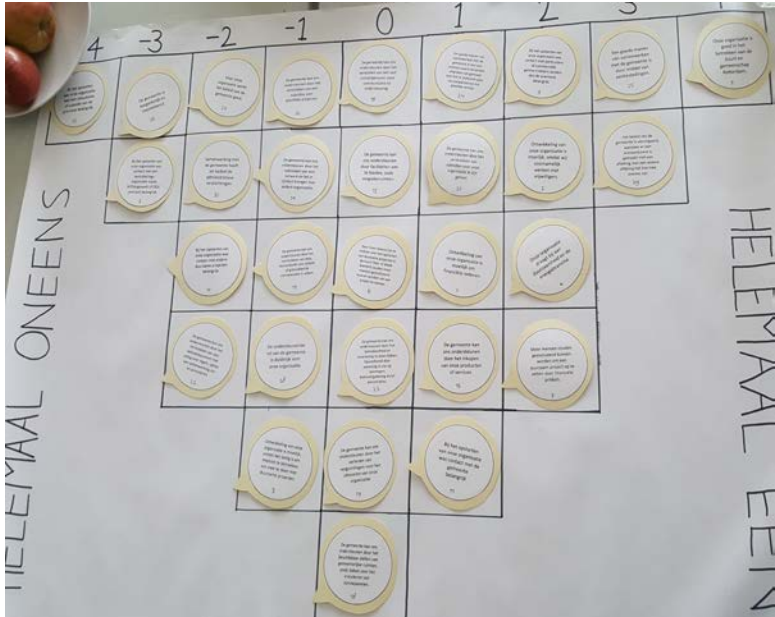
Case of Rotterdam

o Small emerging local energy community

o Municipality role

o 3 main problems to development:
  1. Entry barrier
  2. Make an impact on the long-term
  3. Become strong independent organizations

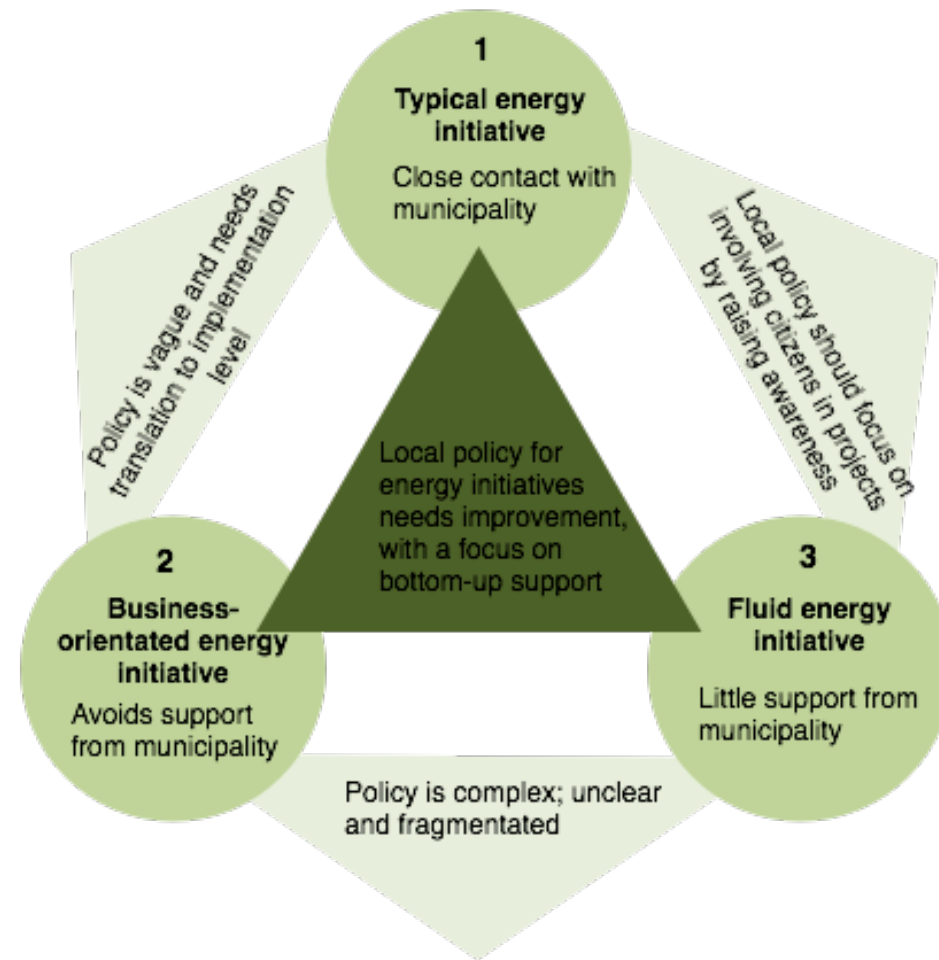o What do the local energy initiatives think themselves?

Research Method

- **Q-methodology**

  "Combines quantitative and

  qualitative research"

- Aim: creating **perspectives**

- How to perform Q-method?

- PQ-analysis

Results

o 3 perspectives

o 3 different types of energy initiatives in Rotterdam

o Differences

o Similarities

o Which energy initiative contributes the most to the energy transition?

Bottom-up local support

Increase of energy initiatives	A long-term contribution to the energy transition	Self-sustaining, independent organisations
- 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

Policy Design

Conclusion

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

o Focus on **typical** and **business-orientated** energy initiatives

o Strengthen the **local energy community** & raise **awareness**

o Most importantly: change from top-down to **bottom-up support** with recommended policy instruments

Thanks!

Source: Blijstroom