



Human Scale Development?! The case of energy cooperatives

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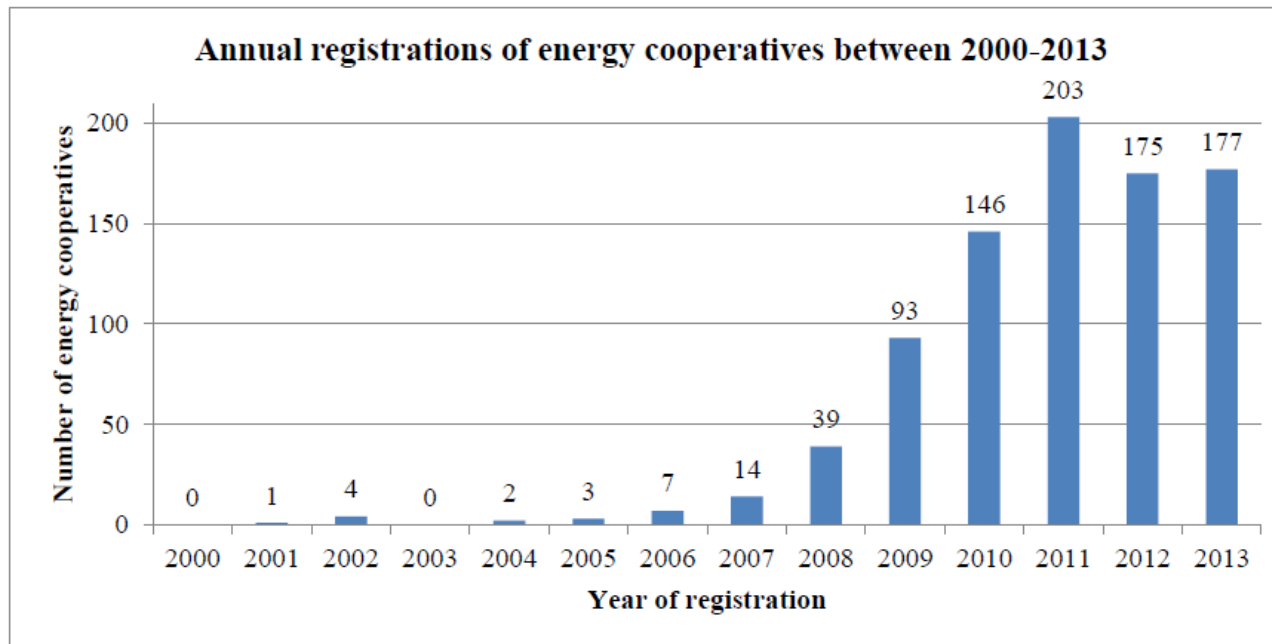
What's the challenge?

Transitions
to a
degrowth society

How can the HSDA be used in energy cooperatives to contribute to degrowth transitions?

Energy cooperatives

Formation of energy cooperatives since 2006 in Germany



Some facts:

About 800 EC, 150.000 members in Germany, mostly private persons

Energy cooperatives

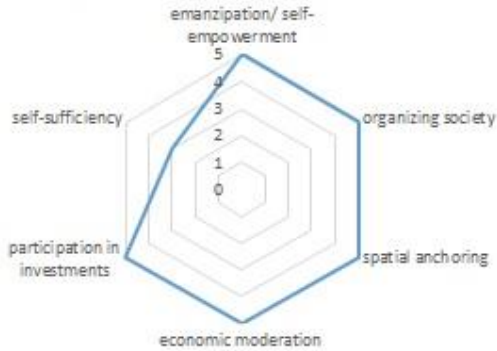
Main principles:

- Voluntary and open membership
- Democratic principle
- Economic participation
- Self-help principle
- Education, training and information
- Concern for community

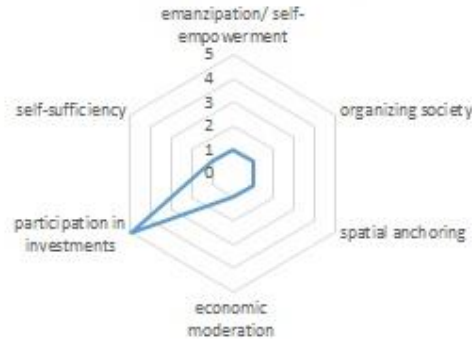


Energy cooperatives

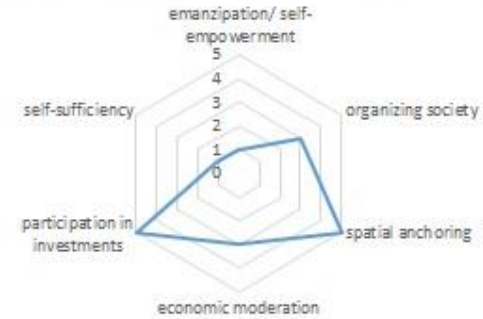
Type 1: grid EC (e.g. BürgerEnergie Berlin eG)



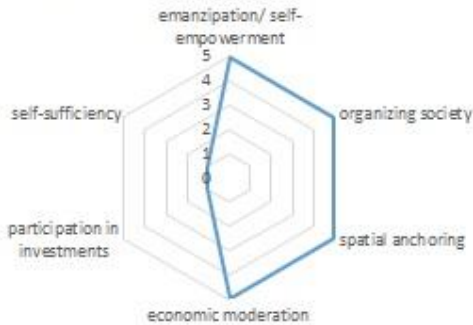
Type 2: company driven investment EC (e.g. Die BürgerEnergie eG)



Type 3: EC of bank or municipality (e.g. Bürgersolargenossenschaft Delmenhorst eG)



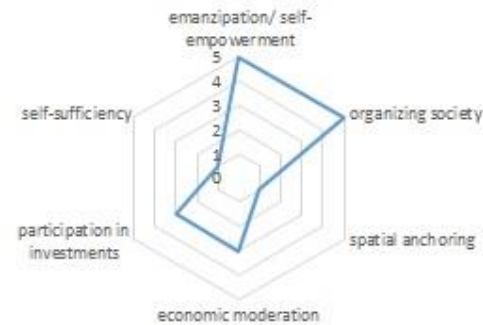
Type 4: political EC (e.g. Friedensfördernde Energie-Genossenschaft Herford eG)



Type 5: local heat EC (e.g. Bioenergie-dorf Oberrospe eG)



Type 6: supraregional marketing EC (e.g. Greenpeace Energy eG)



The Human Scale Development Approach

Particularities of the HSDA:

- Separates needs from satisfiers
- Completes the “having” category with “being”, “doing” and “interacting”
- Development of people not of things
- Quality of life is defined by the ability to fulfill ones needs
- Encourages and empowers bottom-up-initiatives



Source: <http://www.entrelaspiedras.com/wp-content/uploads/2012/02/Base-image.jpg>

Human Scale development in energy cooperatives ?!

Degrowth transitions through EC:

- HSDA can be a useful tool in EC to reflect on their strategies
- What are their needs and synergic satisfiers and do they differ from those of initiatives in the Global South?
- What are the policy implication of this research?



More on...



...the EnGeno-project at: www.engeno.net

...research about EC: www.forschungsnetzwerk-energiegenossenschaften.de



The Human Scale Development Approach

(based on Max-Neef 1993)

Satisfiers ----- Needs	Being	Having	Doing	Interacting
Subsistence				
Protection				
Affection				
Understanding				
Participation	racist, arrogant, superior / open, respectful, inclusive	corruption, unemployment / human rights, responsibilities	discriminate, oppress, enforce / participate, cooperate, share	Lack of public space, parks / cooperatives, families, communities
Leisure				
Creation				
Identity				
Freedom				
Transcendence				