

# Energy efficiency and sustainable development

- Local level participation in the Faroes

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# Introduction

- Bergmann Finnsson, M.sc.soc. Geography and History
- Small communities, Regional development, Sustainability, LA21 and local implementation.
- The national Local Agenda 21 office
- Coordinating and consulting work, municipal level

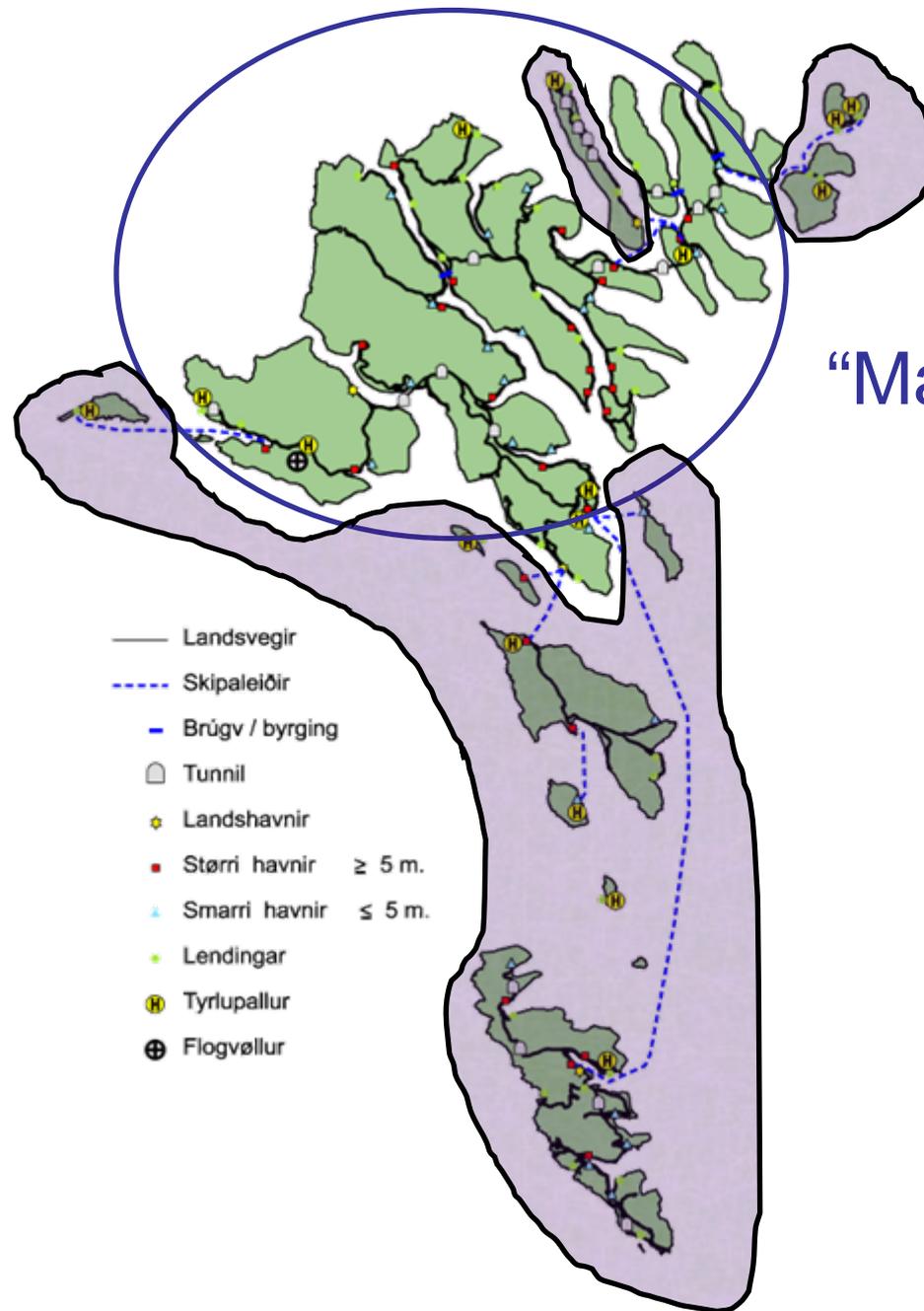


# Disposition

- Our municipalities and their work on sustainable development
- Relevant energy issues in the municipalities
- Municipality participation – Action!
- Conclusions

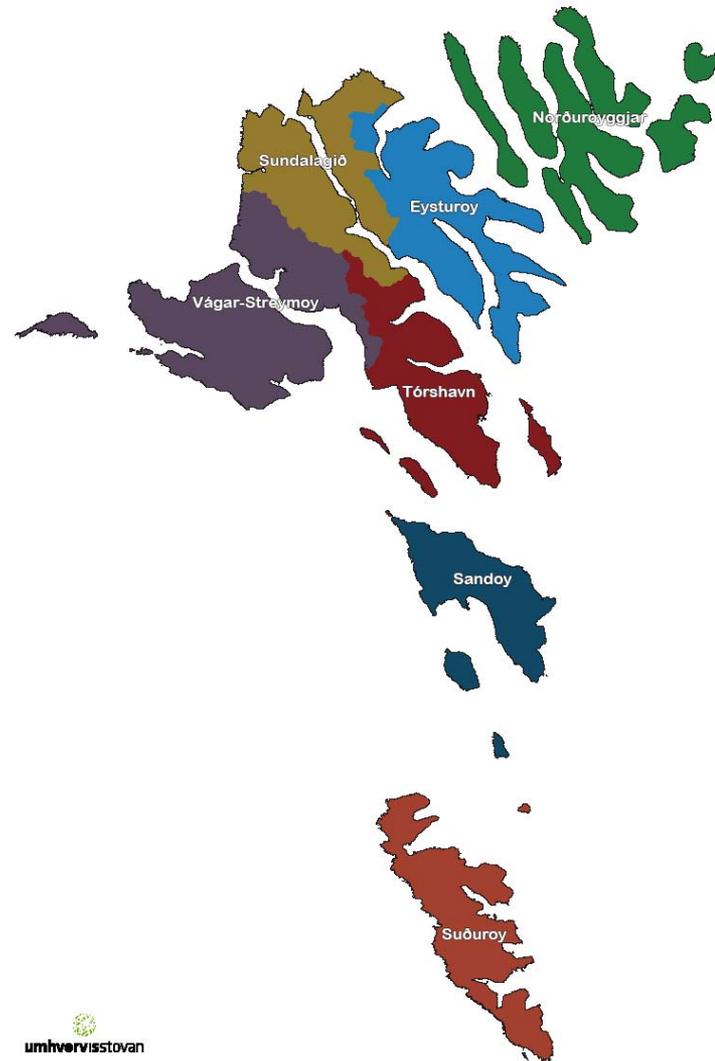


- 31 municipalities.
- Pop: From under 100 to 20.000.
- Differing level of administration.
- Mainland, outer Islands.



“Mainland”

# “Big is Beautiful”



# SD and the municipalities



LA21 Forum



# Municipality energy use

- Primarily heating of buildings
- Transport
- Potential reduction
  - Changed user habits
  - Insolation of old and new buildings
  - Energy from renewable energy sources
- SEV level

# New Climate Policy (2020)

- 20% overall reduction of CO2 emissions
- 75% of the calculated electrical power to come from renewable sources (SEV level)
- 50% reduction of emissions from heating of buildings

# Municipal action on the 2020 goal

- LA21 Forum feedback
  - Registration and easy overview of energy use
  - Possibility to compare energy use with other municipalities
  - Education of municipal staff on energy efficiency
  - Energy efficient (new) buildings

# Municipalities - Challenges

- Overview – cost, CO2 emissions
  - SEV, web based system
  - Heating directly from fossil fuels
  - Transport
- Framework for citizen access to energy from renewables
  - Private-, Municipal- or SEV level.
  - Perhaps a joint venture?

# Conclusions

- Our relatively small municipalities, also in the future, can benefit from a cooperation on CO<sub>2</sub> and energy issues
- Our geography holds demands for special energy solutions from renewables in future
- Municipalities, and other actors, should set goals for CO<sub>2</sub> reduction and work on a roadmap how this can be done.

An aerial photograph of a fjord system, likely in Norway. The water is a deep blue-grey, and the surrounding mountains are dark brown and green, with some snow patches. The terrain is rugged and mountainous. The text "Thank you for your Attention!" is overlaid in yellow.

Thank you for your Attention!