

Village number 46

# Creating a sustainable built environment



# The village

This is a 'village running throughout the semester' (*langsgående landsby*).

The language of tuition is English.

## Desired competence

- Either technical or social scientific interest in urban and regional planning affairs related to sustainability
- Fits both *Gløshaugen* and *Dragvoll* based study profiles
- People from all parts of the globe are welcome!



# The projects about *creating a sustainable built environment*

Students are encouraged to select their own topic for the project. Village leader and external contacts provide suggestions only. We focus on various sustainability issues within industry, consulting and administration at various geographical tiers.

- Environmental, economic and social-cultural sustainability
- Consumption, production and governance
- Development and management functions
- Commercial and residential land use as well as community infrastructure.

OBS: this is about the built environment – NOT about the natural environment!



## Previous semester the following projects were carried out:

- Comparative analysis of sustainable bus stop shelters in Trondheim – a built environment support for transport system
- Integrating cultural and environmental sustainability for heritage buildings
- Sustainability assessment of Dragvåll Glassgården



## Other possible problem areas

- Climate and energy
- Environmental assessment analysis of the town plan and comparison with other town plans
- Intelligent road lights
- Water- and sewage databases to predict flooding problems: data preconditions and opportunities
- Place-vulnerability management



# Practical information

## Village leader

Dr. Tom Kauko

Associate Professor in Urban Geography

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## External contacts

- *Sør-Trøndelag fylkeskommune* (The County Administration of Sør-Trøndelag)
- Powel ASA, Energy Management
- NTNU, Dept of Geography