

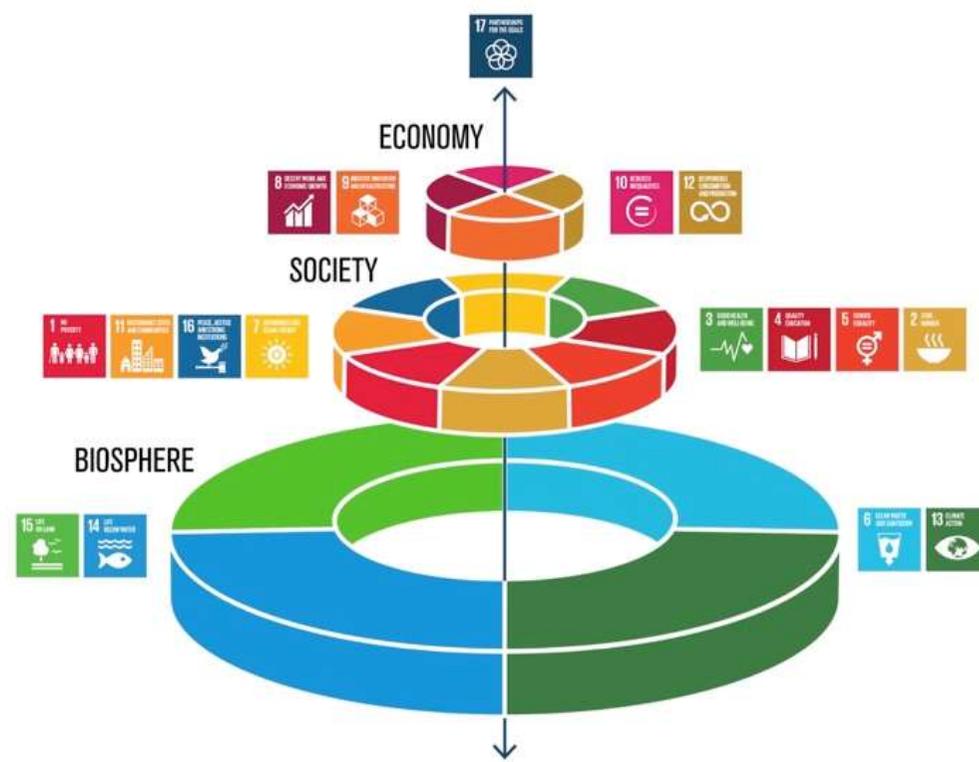
Climate Change – an issue of Democracy and Relationships?



About the Norwegian Study
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SUSTAINABLE DEVELOPMENT GOALS





The SDGs calls for action globally

Tackling climate change must go hand in hand with strategies and efforts to:

- **End poverty**
- **Improve health and education**
 - **Reduce inequalities**
 - **Stimulate Green Growth**



**Sustainable Transitions –
wicked challenges and
contestations.**

**Demands local adaptations
and translations**

**Local and regional
authorities expected to
further sustainable
development – but
striving to find ways**

How to localize the SDGs?

SDG 11, Make Cities inclusive, safe, resilient and sustainable

One of the indicators:

Proportion of cities with a **direct participation structure of civil society in urban planning and management that operate regularly and democratically.**



“You Matter More than You Think”



“Climate change is not just about carbon and methane, or mitigation and adaptation. **It’s about our relationship with the environment, with each other, with other species, and with stuff of all sorts. It is also about our relationship with time, especially the future.** If we want to successfully address climate change, we may have to start by transforming these relationships.”
(O’Brien 2015)

The structure and content of the Study

- Responding to some of the themes highlighted at the opening conference:
 - **Just transformation and social sustainability**
 - **Education for Sustainable Development, awareness raising and civic education**
- Responding to the outputs of the questionnaire
 - **Insufficient communication from governmental institutions**
 - **More information and ideas and proposal for solutions**

Why best practices and case stories?

- **Sustainable Practices is emerging**
- **Best practices as starting points for learning and triggering action?**
- **Asking: What about this example is relevant to my context where I live and dwell?**
- **Not readymade answers – but can give insights into the space of opportunity we call future**
- **Signals of hope?**

Tingvoll Eco-Community



Main risks

- **More intensive rain fall**
- **Increasing risks of flood and landslide**
- **As coastal community:**
 - **Risks as hurricanes and storm surge**
- **Stop losses in biodiversity**



The Eco-Community Declaration

Guiding Principle for Municipal Planning



- **Adopted by all municipal councils since 1990**
- **A common foundation across different political parties**

The Eco-Community Declaration

- 1. Ecological goals must be included in the municipal plan**
- 2. In the municipal executive work any environmental consequences must be investigated**
- 3. Mobilising the citizens to use local nature resources to create sustainable development**
- 4. Protection and use of the local natural and cultural basis**
- 5. Make local contributions to solutions to global problems**
- 6. Solve local environmental challenges**
- 7. Strong emphasis on local governance and commitment**

School for Politicians – after each election

In order to make skilled decisions - series of seminars/workshops with themes like:

- Local industry and resources**
 - Energy**
 - Biological diversity**
 - Ecological land use**
 - How to involve citizens**
- Using creative and involving methods**

The annual feast locally produced at Tingvoll Secondary School



Sustainable Development as a pillar

Cross disciplines – whole school approach



Foto: Tingvoll barne.- og ungdomsskole

All activities connected to the curriculum and competence goals in all subjects from first to tenth grade

The Local Community as learning arena

Cooperation with local producers



Foto: Tingvoll barne.- og ungdomsskole

An open market – students offering their own produced goods for sale



Foto:Tingvoll barne- og ungdomsskole



ISPINNEBILDER - 45
TRØFLER - 30
EPLER Per Kg - 35
PÆRER Per Kg - 35
VIPPS: 99276243
VIPPS: 99 27 62 43

Questions for discussions

- 1. How can you transfer the principle of an eco-declaration as guiding principle in your municipality and/or in your organisation?**
- 2. If you should arrange a local school for politicians how would you do it in your local context and together with whom?**
- 3. How can the local school in your community be aware of the local community as a learning arena, which local producers and others could you cooperate with?**

“See gold where others see rubbish”



Within 11 years:

- Employed over 100 youth
- Retrived 60 000 kilos of surplus food
- Delivered catering to more than 35 businesses
- Established five local gardens
- Developed seven social meeting places

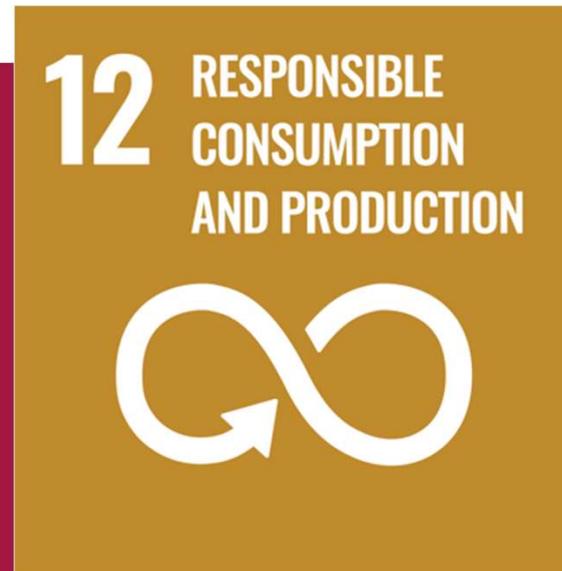


The social enterprice **“Kompass & Co”**
Combating unemployment and school dropouts by creating green jobs – while at the same time:
Taking care of the environment and
Contribute to reduce climate emissions.



Focus on three sustainability areas

1. **Kompass-food** – projects based on sur-plus food pointing at the problem with foodwaste
2. **Redesign** – old things can get new life
3. **Ecological** and "short-traveled" **agriculture**



Kompass-Food – Catering and Educational Programs for Raising Awareness



Each Norwegian wastes 42,6 kilos of food each year – leads to 1,35 billions of ton CO2 equivalents.

If we reduced waste of food to zero – the same as removing 400 000 cars from Norwegian roads.

According to "Future in Our Hands" <https://www.framtiden.no/frontpage.html>

Redesign projects



- **On average each Norwegian throws away 65 kilos of furniture every year**
- **On average each Norwegian has 359 garments in their wardrobe, every fifth is never used, approximately 23 kilos of the garments end their life as so-called rubbish**
- **Reuse as business principle might reduce 90 % of the climate and environmental footprint in the furniture industry**
- **Investing in circular economy can create ten thousands of new jobs in Norway until 2030**

Roof-gardens and garden services

- **Grow ecological food used in the catering activity**
- **The roof garden – awareness of the importance of surface water management**



The philosophy



- **All human beings have the capacity to find a solution to make changes in their own life situation – assisting the youth to find their own "life-compass".**
- **The youth need what we all need: Paid work and a sense of belonging.**
- **Care as foundation.**

Questions for discussions

- 1. How are the CO2 emissions related to consumption in your area?**
- 2. What are the statistics in your region when it comes to unemployment and school drop-outs?**
- 3. If you wanted to start a social enterprise in your context, who would you work together with? Where can you start?**

A Citizens' Climate Network – challenges and complement municipal plans regarding climate



Local Climate Summit and a bus-seminar





**Climate Strategy adopted in 2016 with the goal of:
Reducing the CO2 emissions with 95 % within 2030 (compared to
1990-level).**

One of 14 areas:

**To involve and inspire the citizens and local private sector towards a
climate friendly behavior.**



Oslo

After the Peoples Paris Climate Summit in 2015 – how can we act locally as Citizens in the Grorud Valley (Oslo)?



Local Climate Summit with a multitude of participants:

The program:

- 1. Professionals/researchers – impact of climate emissions in Oslo**
- 2. Political representatives – local plans and strategies**
- 3. Local Citizens, NGOs present their initiatives and burning questions**
- 4. Open dialogue and discussions among the participants**

Network and cooperation was strengthened between a multitude of NGOs and engaged citizens

Local Green Plan: "From Grey to Green – from scrap to sprout"

Bus-seminar and workshop:

- 70 participants from all sectors
- To view the most littered places in the area
- "You won't believe it before you see it".



Questions for discussions

- 1. Which are the most critical impacts of climate change you are observing in your local environment?**
- 2. If you should arrange a local climate summit and bus-seminar similar to what the climate network in Oslo did, how would you do it in your local context and together with whom**
- 3. How can this be linked to the local, regional and national climate plans in your country?**