



# The Norwegian Association for Local and Regional Authorities –KS

*Gunnbjørg Naavik, KS  
Tg Mures  
August 2015*





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## What does KS do ?

428 municipalities

19 counties

500 municipal enterprises

495 000 employees

11 500 councillors

350 billion NOK

KS providing high quality services to  
5 million inhabitants from cradle  
to grave.

## KS' most important tasks

- Consultations with the National Government on framework conditions for municipal sector
- Central collective bargaining
- Advisory and consultative body on legal, economic and administrative issues
- Research and development, documentation
- Development and training of councillors and employees.  
10 000 participated in 2014
- Organisational development of local democracy



# National Policy on Climate Change Adaptation

- 2007 : Norwegian Climate Adaptation Programme
  - 2008-2010 : Norwegian Report on Climate Change Adaptation
  - 2013 : White Paper on National Adaptation Strategy
- 
- Headed by the Ministry of the Environment
  - 10 ministries
  - Programme secretariat
  - The Cities of the Future – pilot project in 13 cities
  - Continuous research, i.a. NORKLIMA, NORADAPT, KLIMAFORSK

## Major Statements From the White Paper

- Extreme weather events
- Higher risk of landslides and flooding
- Different risks and new areas
- Infrastructure in urban areas - vulnerable to intense precipitation and sea level rise
- Impact on species
- Major consequences in the Arctic region
- Direct impacts on the primary industries
- Pressure on the electricity infrastructure



## Focus on Counties and Municipalities

From the White Paper

- The climate change local character puts municipalities first in line; planning, water and sewage, natural resource management etc.

Municipalities should

- Take account of climate change
- Provide knowledge and expertise
- Assess risk and vulnerability
- Prevent loss and damage



## Study visit to Oslo, July 2015





# National Authorities Action Forward

1. Strengthening the knowledge base
2. Urban – runoff water
3. Central Planning Guidelines
4. Networks
5. Indicators
6. Capacity building
7. Dissemination - [www.klimatilpasning.no](http://www.klimatilpasning.no)
- 8 .International activities



# Research as a basis of recognition

Kliman  
Kartlegging i  
agregert for

Oktober 2001

RAPPORT  
KLOKT – klim  
Beskrivelse av den  
Rolf Loe  
11. oktober 2010

KS  
KLOKT – klim

## Lokale klimatiltak som gir utslippskutt

### Kvantifisering av klimatiltak

- I Framtids byer og kommuner i Akershus med støtte fra Miljøverndepartementet og Akershus fylkeskommune
- I kommuner i Hordaland og Trøndelag med støtte fra Kommunal- og regionaldepartementet

Utproving og evaluering av beregningsverktøy og resultater. Vurdering av potensial.



Desember 2011



WESTERN NORWAY RESEARCH INSTITUTE  
**VESTLANDSFORSKING**  
www.vestforsk.no

Vestlandsforskningsrapport nr. 4/2011

## Klimaendringenes konsekvenser for kommunal og fylkeskommunal infrastruktur

### Sluttrapport

Carlo Aali (red.)

Vestlandsforsking, Pb 183, 6881 Sogneløst • Tlf: 57 67 61 50 • Faks: 57 67 61 50

Effects of climate change  
on infrastructure



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Vestlandsforskningsrapport nr. 6/2012

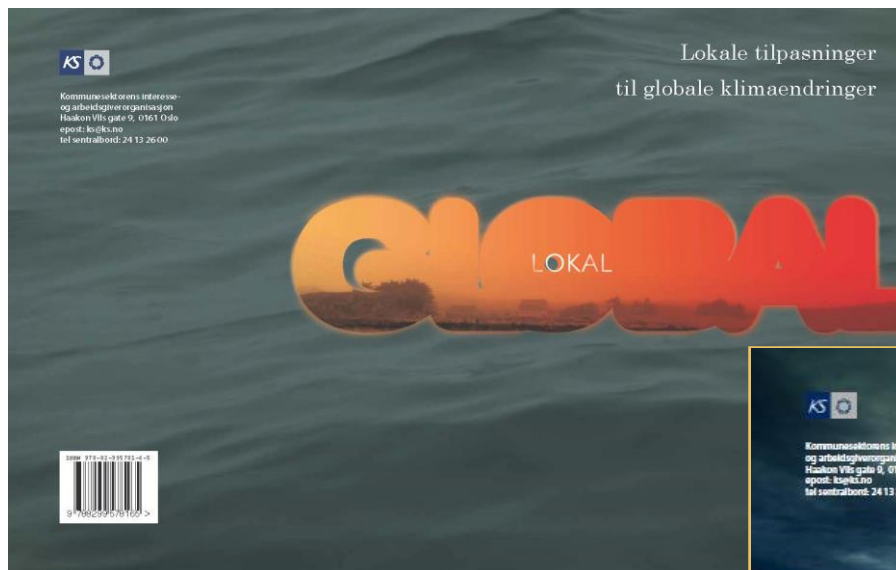
## Barrierer for tverrsektorielle lokale klimatiltak Sammenendragsrapport

Ingrid Sævi, Ingrid, Ole-Inge Gjerd, Carlo Aali, Rune Opholm (Civitas), Annegrete Bruvoll (Vista Analyse).

Vestlandsforsking, Pb 183, 6881 Sogneløst • Tlf: 57 67 61 50 • Faks: 57 67 61 50

Barriers to cross-sector  
climate action

# How to get started and good practice on adaptation to climate change





*Municipal networking on adaptation - a way to get your city more prepared to meet the climate changes!*





Emission reduction,  
transition and climate  
adaption combined

