



Project 213 EARLY WARNING

1. Where?
2. Who?
3. What - project description and objectives?
4. What happens to the project after Clim-ATIC?
5. Top 3 lessons

Clim-ATIC

Climate Change — Adapting to The Impacts, by Communities in Northern Peripheral Regions

[news & events](#) [project activities](#) [links](#)

home page translations

Clim-ATIC is a three year, 2.4 million Euro, international project that has been awarded project funding of 60% by the European Commission's Northern Periphery Programme.

This exciting project involves community stakeholders working in partnership with public sector and academic institutions from five regions of northern Europe to explore the potential for different community sectors to develop adaptation capacity, and deliver real adaptations that will provide local economic and social advantages.

Climate change adaptation is "any action taken to minimise the adverse effects or to take advantage of any beneficial effects of climate change"¹

¹ Climate Change – the UK Programme (2006)

Clim-ATIC will primarily focus on the following adaptation themes:

- Tourism**
- Energy**
- Risk and response management**
- Transport**

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This project is part-financed by the European Union and the European Regional Development Fund (ERDF)
"Innovatively investing in Europe's Northern Periphery for a sustainable and prosperous future"

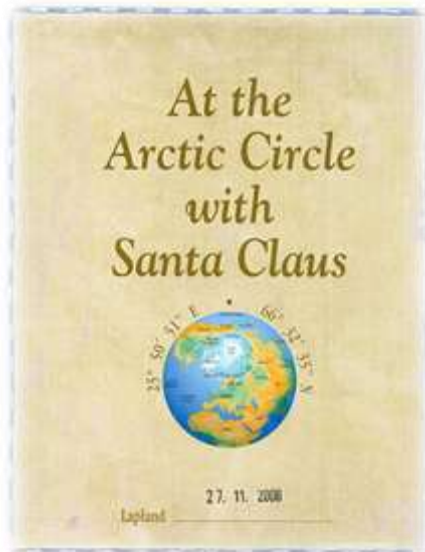
**A people-centred system
of early warnings for
extreme weather events,
by the use of
modern technology...**



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1. Where?

**Santa Claus is based in
Rovaniemi**





Project 213 EARLY WARNING

1. Where?

Project 213 is based in the
County of Sogn og
Fjordane, Western Norway





Local project manager:

Mr. Haavard Stensvand,
Head of Emergency Management Office,
County Governor of Sogn og Fjordane

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The screenshot shows the website of the County Governor of Sogn og Fjordane. The header includes the county's logo and name. The main content area is titled 'Peacetime emergencies' and features a photograph of a flooded area. The text explains the role of the county governor's office in dealing with disasters and emergencies, mentioning the Norwegian Meteorological Institute and the Norwegian Water Resources and Energy Directorate (NVE). A date '(24/10/2007)' and social media icons are visible. A 'Related links' section at the bottom lists the National Water Resources and Energy Directorate and the Norwegian Meteorological Institute.



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Mr. Haavard Stensvand,
Head of Emergency Management Office,
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Project reference group:

- Western Norwegian Research Institute
- Norwegian Energy and Water Directorate
- Directorate for Civil Protection and Emergency Planning
- The Norwegian Public Roads Authority
- E-CO Power Supply Company
- Regional Health Authority
- The Norwegian Civil Defence
- Aurland municipality
- The Ministry of Justice and Police
- The Norwegian Broadcasting Corporation
- Telenor Phone Company
- The Norwegian Post and Telecommunications Authority

- Fram Web/Varsling 24 – warning system supplier



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The main objective of the project is to develop, demonstrate and test a

reliable and cost-efficient people-centred system of early warnings :

- Location-based warning system means operator can easily define the geographic reach of the warning
- Distribution of warning to all fixed phone lines and mobile phones in the chosen geographic area
- The warning is issued as spoken message and text message
- Warning message is automatically translated into different languages, depending on SIM-card "nationality"
- Basic communication between operator and receiver of warning, e.g. response by using the keypad
- The system records how many people need assistance and where they are located



Permanent warning system desirable.....or possible??????

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4. What happens to the project after Clim-ATIC?





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1)

Members of the reference group suggests that there might be need for a permanent warning system with a multi-hazard approach...(?)

2)

It is absolutely vital that phone-based warning incorporates all phone companies, and not just certain networks

3)

We believe a thorough evaluation process is key to determine the very success of the warning. Hence we will look into using facebook and twitter in the evaluation process



”Table-top” exercise Wednesday 2nd June 2010

For more information:

hst@fmsf.no or shs@fmsf.no

Enjoy your seminar!