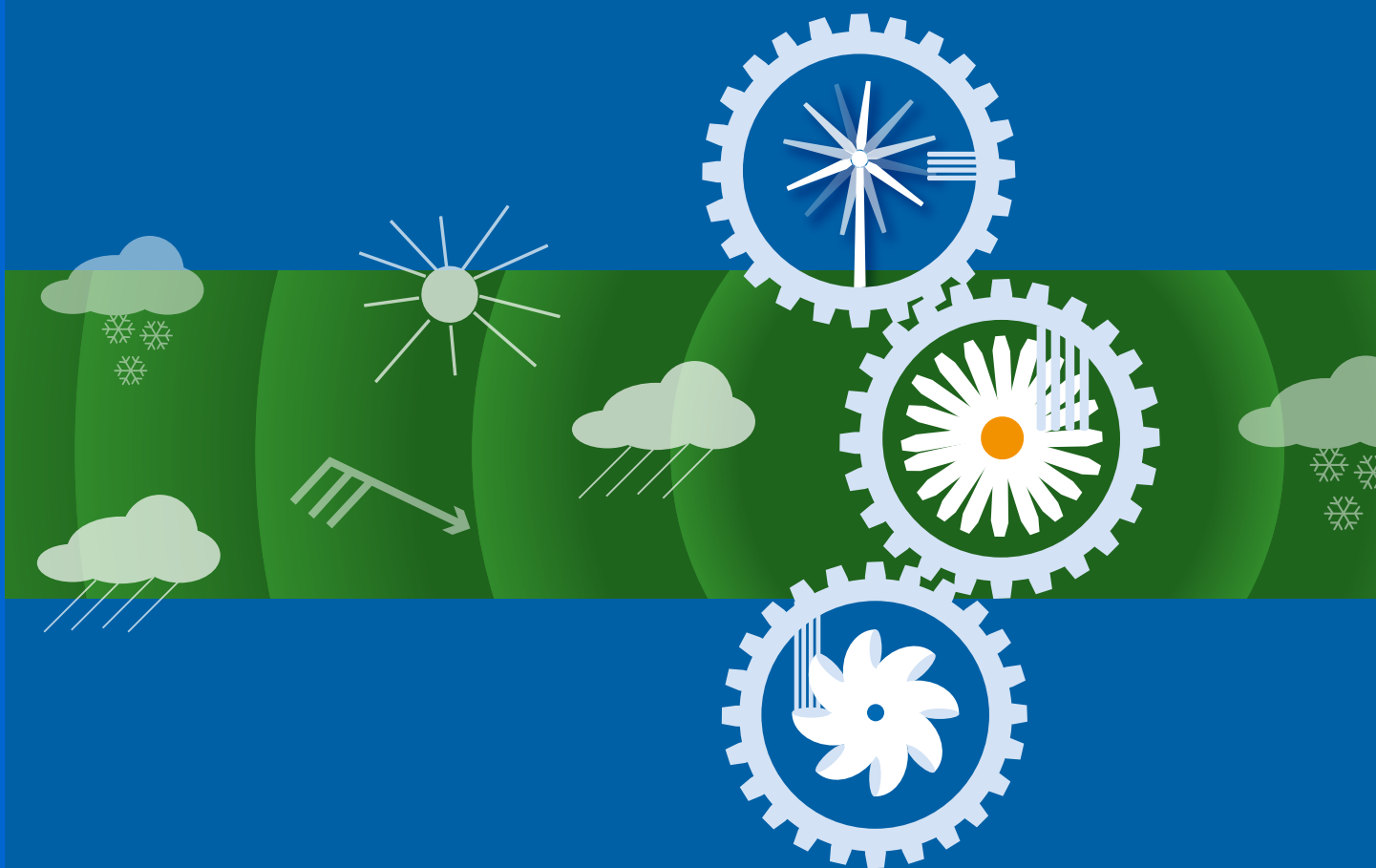




Conference on Future Climate and Renewable Energy: Impacts, Risks and Adaptation

31 May - 2 June 2010
Oslo, Norway

Program



Conference on Future Climate and Renewable Energy: Impacts, Risks and Adaptation



Preliminary program

Monday 31 May 2010

Registration and lunch		11:30-13:00
Opening Session		13:00-14:00
<i>Agnar Aas, Director NVE</i>		
<i>Anne Cathrine Gjærde, Director NER</i>	Opening of the conference	
<i>A. Snorrason, Icelandic Met office</i>	The CES project	
<i>J. Gode, Swedish Environmental Research Institute</i>	Stakeholder relevance of the CES project	
Past and present changes in climate and hydrology		14:00-15:00
<i>Keynote A. Moberg</i>	Past changes in climate and hydrology	
<i>A. V. Dyrddal, et al.</i>	Analysis of past snow conditions in Norway - Time periods 1931-60, 1961-90 and 1991-08	
Coffee break		15:00-15:30
Past and present changes in climate and hydrology – contd.		15:30-16:30
<i>P. Crochet</i>	Impacts of historic climate variations on streamflow characteristics in Icelandic rivers	
<i>J. Kriauciuniene et al.</i>	Regional temperature, precipitation and runoff series in the Baltic countries	
<i>A. K. Fleig et al.</i>	Regional hydrological drought in north-western Europe and associated weather types	
Climate projections		16:30-17:30
<i>Keynote D. Jacob</i>	Global climate change with regional consequences: challenges for adaptation	
<i>E. Kjellström et al.</i>	An ensemble of regional climate change scenarios for the Nordic countries	
Dinner at Tryvannstua		18:00-22:30
Walking – departure 18:00 from reception (Bring walking shoes) Bus – departure 18:30 from outside hotel. Dinner 19:00 (Dressing informal.) Return to hotel by bus 22:00.		

Tuesday 1 June 2010

Climate projections – contd.		09:00-10:40
<i>R.E. Benestad</i>	An analysis of simulated and observed storm characteristics	
<i>J. Räisänen</i>	Probability distributions of monthly-to-annual mean temperature and precipitation in a changing climate	
<i>G. Nikulin et al.</i>	Nordic weather extremes as simulated by the Rossby Centre Regional Climate Model: model evaluation and future projections	
<i>H. Tietäväinen et al.</i>	Summertime precipitation in Finland under recent and projected climate	
<i>S.C. Pryor et al.</i>	Intense and extreme wind speeds over the Nordic countries	
Coffee break		10:40-11:10
Hydrological projections, runoff		11:10-12:10
<i>Keynote D. Lettenmayer</i>	Runoff projections and impacts on water resources	
<i>L. Kurpniece et al.</i>	Climate change impacts on the hydrological regime in Latvia	
Lunch		12:10-13:10



Hydrological projections – contd **13:10-14:10**

- D. Lawrence* Floods in Norway under a near future 2021-2050 climate: Hydrological projections for rainfall vs. snowmelt floods and their uncertainties
- N. Veijalainen & B. Vehviläinen* Climate change and lake regulation in Finland - Impacts and adaptation possibilities
- S. Bergström & J. Andréasson* Swedish guidelines for design floods for dams in a changing climate

Coffee break **14:10-14:40**

Hydrological projections, glaciers and ice-sheets **14:40-15:40**

- T. Jóhannesson et al.* The impact of climate change on glaciers and glacial runoff in the Nordic countries
- V. Radic & R. Hock* Volume changes of the glaciers in Scandinavia and Iceland in the 21st century
- H. Machguth & A. Ahlström* Surface mass balance of the Greenland Ice Sheet in the Paakitsoq Area, Illulisat, West Greenland - Scenarios and related uncertainties

Coffee break **15:40-16:00**

Climate change effects on renewable energy **16:00-17:20**

- Keynote: A. Grundt* Climate change effects on renewable energy
- B. Mo et al.* The Nordic power system in 2020 - Impacts from changing climatic conditions
- R. Roy et al.* Impacts and adaptation of the hydroelectric industry in the province of Quebec, Canada

Posters **18:30-20:00**

Conference dinner **20:00**

Wednesday 2 June 2010

Climate change effects on renewable energy – contd. **09:00-10:00**

- O.G.B. Sviensson et al.* Hydropower in Iceland: Impacts and adaptation in future climate
- A. Alam et al.* Forest biomass for energy production - potentials, management and risks under climate change
- D. Burnett & G.P. Harrison* Climate change and the UK solar energy resource

Coffee break & Check out time **10:00-10:20**

Risks, potential and adaptation **10:20-11:20**

- Keynote: I. Savolainen* Risks and opportunities for renewable energy caused by climate change
- K. Linnerud* Climate policy uncertainty and investment risk

Coffee break **11:20-11:40**

Risks, potential and adaptation – contd. **11:40-12:40**

- L.C. Cradden & G.P. Harrison* Climate change and UK electricity network capacity
- E. James-Smith* Identifying climate related risk factors for transmission and distribution companies using the CES risk assessment framework. What challenges must distribution meet in a changing climate?
- J. Keränen et al.* Case study - Using the CES risk assessment framework in the biomass and wind power sectors

Closure **11:40-13:10**

Lunch **13:10-14:10**



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