



SCIENCE FOR THE ENVIRONMENT

2nd International conference in Aarhus, Denmark
3-4 October 2013

PROGRAMME

Wednesday October 2nd

17.00-18.00 Reception and early registration, Town Hall

Thursday October 3rd

8.00-9.00 Registration

	Auditorium 1	Auditorium 2	Auditorium 3	Auditorium 4
9.00-10.30	Opening session Brian Bech Nielsen, Rektor Jean-Marc. Bournigal, President of Irstea Anne Glover, European Commission Andrea Tilche, DG RTD Hans Bruyninckx, EEA Claus Stig Pedersen, Novozymes			
10.30-12.30	Key-notes speakers Peter Calow Frans Berkhout Anil Markandya Roger Street			
12.30-13.20	Lunch			

	Auditorium 1	Auditorium 2	Auditorium 3	Auditorium 4
13.20-15.00	<p>Adaptation – Economical aspects</p> <p>Paula A. Harrison, Ian Holman, Pam Berry and CLIMSAVE Partners</p> <p>The potential for adaptation to offset the cross-sectoral impacts of climate change on European natural resource sectors</p> <p>Francesco Bosello, Benjamin Boteler, Inês Campos, Alessio Capriolo, Mikael Hilden, Ad Jeuken, Gil Penha-Lopes and Andrew Reid</p> <p>Identifying key challenges to developing climate adaptation strategies in Europe</p> <p>Tim Taylor, Aline Chiabai, Philip Staddon, Anil Markandya and Francesco Bosello</p> <p>Towards a Marginal Adaptation Cost Curve for Health: A critical synthesis</p> <p>Michele Seghetta, Kaisa Manninen, Kristian Spilling, Berit Hasler, Anette Bruhn and Marianne Thomsen</p> <p>Circular resource flows from algae production</p> <p>Britta Bockhorn, Knud Erik S. Klint and Marina Bergen Jensen</p> <p>Challenges for stormwater infiltration in urban areas</p>	<p>Mitigation – 1</p> <p>Maria Sharmina</p> <p>Cumulative-emissions backcasting for European energy and climate policy</p> <p>Katerina Peterkova</p> <p>Calculating Potential for Emission's Reduction via Supply Chain Contracts</p> <p>Joachim Audet, Lars Elsgaard, Charlotte Kjaergaard, Søren E. Larsen and Carl C. Hoffmann</p> <p>Greenhouse gas emissions from a Danish riparian wetland before and after restoration</p> <p>Henrik Kofoed Nielsen, Karl Sigurd Fredriksen, Rein Terje Thorstensen and Julie Fløtre</p> <p>Sustainability and road transport in Norway</p> <p>Urs Steiner Brandt and Gert Tinggaard Svendsen</p> <p>Carbon leakage, renewable energy and coalitions</p>	<p>Resource Efficiency</p> <p>Claus Ditlefsen, Ingelise Møller, Inga Sørensen, Henrik Bjørn, Anker Lajer Højberg and Thomas Vangilde-Pedersen</p> <p>Ground Source heating and cooling -elements in a sustainable energy supply</p> <p>Lydia Lamorgese and Davide Geneletti</p> <p>Addressing equity in land use decisions: a case study in the Oil and Gas sector</p> <p>Thomas Kuhn, Michael Pickhardt and Frauke Voosholz</p> <p>Energy policy, food, and climate change - a numerical simulation approach</p> <p>Adrian R. Tan, Shailendra Mudgal, Martin Hirschnitz-Garbers, Tanja Srebotnjak and Albrecht Gradmann</p> <p>Analysing (in)efficiencies in the use of raw materials and underlying drivers – what are existing knowledge gaps and research needs?</p> <p>Eliot Laniado, Silvia Vaghi, Elisa Amodeo, Alessio Capriolo and Rosanna Mascolo</p> <p>Effectiveness evaluation: results from a model tested on different environmental projects</p>	<p>Green Economy – 1</p> <p>Niloufar Tabesh and Nasser Taleb Beydokhti</p> <p>Investigation of textile wastewater treatment, using a system of Sub Surfaceconstructed wetland</p> <p>Carl-Gustaf Thulin, Göran Ericsson, Jana Pickova, Ivar Vågsholm and Johan Schnürer</p> <p>Multipurpose wildlife: Food, recreation and biodiversity combined</p> <p>Sommer S.G., Astrup T., Boldrin A., Bruun S., Jensen L.S., Petersen S.O. and Triolo J.M</p> <p>Biogas from beet pulp and source separated household waste – Energy production and Greenhouse Gas Reduction</p> <p>Tommy Dalgaard</p> <p>Models for multi-criteria sustainability assessment of a new more biobased and circular economy</p> <p>Merli R., D'Amico M., Preziosi M. and Massa I.</p> <p>EMAS regulation in Italian clusters: investigating the involvement of local stakeholders</p>
15.00-15.20	Coffee break			

	Auditorium 1	Auditorium 2	Auditorium 3	Auditorium 4
15.20-17.00	BASE	LIAISE	Bio resources	Rebound effects
	<p>Duncan Russel, Andres Pederson, Helle Nielsen, Anne Jensen, Silke Beck, Sabine Weiland, Kirsi Mäkinen, Sergio Castellari, Eleni Karali, Katriona Mcglade and Jenny Troeltzsch</p> <p>A BASE project analysis of EU Member State Climate Change Adaptation Strategies: Comparing approaches and drawing lessons</p>	<p>Tarja Söderman, Sanna-Riikka Saarela, Sabine Weiland and Jacques Jansen</p> <p>The LIAISE approach to co-designing knowledge on impact assessment</p>	<p>Michele Seghetta, Kaisa Manninen, Kristian Spilling, Berit Hasler, Annette Bruhn, Jacob Carstensen and Marianne Thomsen</p> <p>Circular resource flows from algae production</p>	<p>Martin Soland</p> <p>Environmental responsibility denial due to optimism in green technology</p>
	<p>Francesco Bosello, Fabio Eboli and Ana Iglesias</p> <p>Integrating top-down and bottom-up perspectives in adaptation assessment</p>	<p>Onno Roosenschoon, Stefan Reis, Rob Knapen, Klaus Jacob, Thomas Huesing, Dirk Wascher and Yke van Randen</p> <p>The shared IA toolbox</p>	<p>Jens Kjerulf Petersen, Berit Hasler, Karen Timmerman, Pernille Nielsen, Ditte Tørring, Martin Mørk Larsen, Marianne Holmer, Marianne Zandersen, Hans Frost and Jens Erik Ørum</p> <p>Mussel production to utilize excess nutrients in fjords – is it cost-effective as mitigation measure?</p>	<p>Hans Jakob Walnum</p> <p>Interdisciplinary understanding of macro-rebound effects</p>
	<p>Xin Li, Dabo Guan, Jouni Paavola, Gil Penha Lopez, Nigel Wright and others</p> <p>BASE: A robust strategy for adaptation case study research</p>	<p>Nadia Glæsner, Katharina Helming, Luca Montanarella and Wim de Vries</p> <p>Impact assessment of soil protection policies in Europe</p>	<p>Anne Trémier, Fabrice Béline, Claire Déchaux, Lynda Aissani, Mette Hjort Mikkelsen and Marianne Thomsen</p> <p>Eco-efficient post treatment of digestate from single and mixed biogas plants</p>	<p>Hans Marth and Anja Peters</p> <p>Developing a policy guideline for rebound effects</p>
	<p>Gil Penha-Lopes, Jouni Paavola and Bjorn Bedsted</p> <p>Case-Studies - their potential and challenges within BASE project</p>	<p>Sander Janssen, Klaus Jacob and Jacques Jansen</p> <p>Impact assessment for Sustainable development: a vision for future development</p>	<p>Kristian Spilling, Jukka Seppälä, Kaisa Manninen and Timo Tamminen</p> <p>The potential of using algae as feedstock for biofuel, a Nordic perspective</p>	<p>Christian Sartorius and Matthias Pfaff</p> <p>Measuring Macroeconomic Rebound Effects for Non-energetic Resources</p>
	<p>Ad Jeuken, Marjolijn Haasnoot, Maaïke van Aalst and Harm Duel</p> <p>BASE: integrated adaptation pathways at EU level – how to combine case data with models</p>		<p>Ib Johannsen</p> <p>Getting value out of biomass, High value chemicals from lignocellulosis.</p>	<p>Anja Peters, Elisabeth Dütschke and Joachim Schleich</p> <p>Exploring and analyzing relevance and psychological drivers of rebound effects</p>
17.00-18.15	Poster session			
19.00	Doors open at Centralværkstedet			
19.30	Conference dinner			

Friday October 4th

	Auditorium 1	Auditorium 2	Auditorium 3	Auditorium 4
8.30-9.00	Key note speaker Sebastian Helgenberger			
9.00-10.40:	Adaptation and policy Richard J.T. Klein and Sirkku Juhola A Framework for Nordic Actor-Oriented Climate Adaptation Research Mikael Hildén, Duncan Russel, Benjamin Boteler and Katriona McGlade A BASE-analysis of adaptation in coastal areas – what can EU policies do? Sabine Weiland, Silke Beck, Alessio Capriolo, Sergio Castellari, Mikael Hildén, Kirsi Mäkinen, Helle Nielsen and Duncan Russel The EU climate adaptation strategy: An evaluation of its 'programme theory' Helle Ørsted Nielsen, Elena Karani, Anders Branth Pedersen and Sergio Castellari How will the EU climate adaptation strategy affect EU agricultural policies? Dannevig, Halvor Driving the agenda for climate change adaptation in Norwegian municipalities	JPI Climate Joint Programming Initiative on Climate	Ecosystem Services – 1 Rob Alkemade and Tanya Lazarova Consequences of EU environmental policies for ecosystem service provision elsewhere Christian Schleyer and Jennifer Hauck The ecosystem services concept in EU policies: A review of regulatory frameworks Eeva Primmer, David Barton and Rob Bugter How does governance contribute to conservation of biodiversity and ecosystem services: a conceptual model of knowledge use and the effects of arguments and policies Monica Garnier, Géza Jolankai and David Harper Climate change and water. Identification of the research needs in Europe Joachim Maes Mapping and assessment of ecosystems and their services: Developing a knowledge base for mainstreaming ecosystem services into EU policies	Special Session: GENDER Advancing research & practice in gender, energy and climate change across and beyond Europe
10.40-11.00	Coffee break			
11.00-12.40	Adaptation – Humanities Maria J. Polo and Miguel A. Losada Including the human factor in adaptive actions to face climate change	Mitigation – 2 Dr. Fionn Rogan, Dr. Paul Bolger and Dr. Brian Ó Gallachóir Multi-Criteria Assessment Of Climate Technologies Opportunities For Ireland	Ecosystem Services – 2 Katrine Grace Turner, Peter K. Bøcher, Chris Kjeldsen, Jens-Christian Svenning and Tommy Dalgaard The socio-ecological scales of ecosystem service bundles in Denmark	Green Economy – 2 Edgardo Sica The impact of financial constraints on the eco-innovative decisions: the experience of the Italian and English manufacturing firms

<p>Grit Martinez, Fanny Frick and Kira Gee</p> <p>Socio-economic and cultural contingencies in the planning, implementation and transfer of climate adaptation action</p>	<p>Annikka Berg, Mikael Hildén and Jukka Similä</p> <p>Transformative experiments as strategic tools in climate governance - Case studies from Finland</p>	<p>Marianne Zandersen, Gregor Levin, Sisse Liv Jørgensen, Doan Naing-golan, Louise Martinsen, Steen Gyldenkærne and Mette Termansen</p> <p>Climate regulating service – A spatial analysis assessing the effectiveness and economic efficiency of ecosystem service based management</p>	<p>Chow Fah Yee and Eu Chye Tan</p> <p>Social Cost Benefit Analysis Way to Efficient Resource Utilization</p>
<p>Piotr A. Werner</p> <p>General and particular social vulnerability to natural hazards in Poland</p>	<p>Delgado-Serrano, María del Mar, Ambrosio-Albalá, María José and Newton, Alice</p> <p>Linking knowledge to action</p>	<p>Anders Højgård Petersen, Thomas Hedemark Lundhede, Niels Strange, Bo Jellesmark Thorsen and Carsten Rabeck</p> <p>Biodiversity and ecosystem services in Danish forests: Optimizing multiple objectives</p>	<p>Ellen Margrethe Basse</p> <p>The Legal Conditions for Water Utilities Eco-innovation as Energy Smart Water Utilities</p>
<p>Felix Riede</p> <p>Towards an applied science of past disasters</p>	<p>Candice Howarth</p> <p>Climate action: the need for useful climate change communication</p>	<p>Suvi Borgström and Jukka Similä</p> <p>Developing regulatory frameworks for green infrastructure: issues to be addressed</p>	<p>Riina Antikainen, Teppo Hujala, Per Mickwitz, Jyri Seppälä, Venla Virkamäki, Maija Lepänen, Teppo Hujala, Maria Riala, Tuomas Nummelin, Leena Paavilainen, Hilikka Vihinen, Sirpa Kurppa, Laura Kittilä and Sirpa Thessler</p> <p>Boosting of eco-innovations – policy steps promoting green economy</p>
<p>Anne Jensen, Blanka Loučková, Mark Zandvoort, Bjørn Bedsted, Margaretha Breil, Filipe Alves and X Li</p> <p>Urban adaptation to climate change and differing capacities of cities to adapt</p>	<p>Jakob Hjort Bønløkke, Gitte Juel Holst, Torben Sigsgaard, Ulrik Korsholm and Jens Havskov Sørensen</p> <p>Effects of a very low energy building scenario in Europe on health</p>	<p>Rob Brooker, Alison Heister and Kerry Waylen</p> <p>The ecosystem approach: improving resource use & sustaining ecosystem services</p>	<p>Tunc Durmaz</p> <p>Endogenous Growth with Adoption of End-of-Pipe Solutions</p>
<p>12.40-14.45 Lunch, coffee and workshops</p>			
<p>14.45-15.30 Summary of workshops and closing</p>			