



## **Investing in Research and Innovation – Exchanging European Experiences in a Nordic Context**

Investing in Research and Innovation – Exchanging European Experiences in a Nordic Context.....	1
Introduction.....	1
Organising Committee.....	2
Advisory Panel.....	2
Day 1 – Monday 16 October 2006.....	3
Day 2 – Tuesday 17 October.....	4
Opening of the conference.....	5
Day 3 – Wednesday 18 October.....	8
Contact points for the Nordic organisations.....	9

### **Introduction**

Investing in research and innovation should be good medicine when facing the challenges of the aging work force and globalisation - but what are the key issues to be addressed to make investments work?

How can we move on with big initiatives to coordinate national and regional research and innovation efforts and where coordinated actions increase the chances for success?

Which good practices exist when it comes to cooperation and integration between research programmes in the creation of ERA-nets, and when establishing innovative technology platforms on key areas as e.g. energy? How can the future European 7<sup>th</sup> Framework Programme for Research be used as a catalyst for breakthrough activities?

How can we strengthen the chances for commercial success and how do we succeed in incubation and financing? How can a dynamic labour market for researchers stimulate effective research and innovation? What are the good Nordic experiences? And what are other good experiences that promote regional growth? This is why Norden in cooperation with the European Commission has decided to organise this conference.

The initiative is inspired by the European partnership for growth and new and better jobs while focusing on research and innovation for growth.

The Baltic Sea Initiative will as a part of the event organise a seminar to promote creativity and knowledge based growth in the Baltic Sea Region.

This event furthermore provides an excellent possibility for networking.

Please go to the conference website [www.n-iri.org](http://www.n-iri.org) for further information.

### **Main themes of the conference are:**

- Strategical aspects of integrating the European Research and Innovation Area
- Human potential – Researchers’ careers and mobility
- Innovation, investments and commercialising
- Research and Innovation for regional growth – bringing regions faster into the knowledge economy

### **Main aims of the conference are to:**

- **stimulate** countries and regions to participate in building the European Research and Innovation Area
- **exchange** experiences and best practices on the role of territorial entities and their contribution to the European Research and Innovation Area
- **mobilise** actors to prepare for the 7th Community RTD and the Competitiveness and Innovation Framework programmes.

### **Target groups:**

The conference is targeted at leading representatives from research, industry and higher education/universities, research and innovation organisations, policy makers.



### **Organising Committee**

**Mr. Dimitri Corpakis**, Head of Unit, European Commission, DG Research

**Mr. Markku Warras**, Head of Unit (Acting), European Commission, DG Research

**Ms. Stefania Bettini**, European Commission, DG Research

**Mr. Nikos Pantalos**, Scientific officer, European Commission, DG ENTR

**Mr. Kjetil Storvik**, Managing director, Nordic Innovation Center (NICE)

**Ms. Petra Nilsson**, Senior advisor, Nordic Innovation Center (NICE)

**Ms. Liisa Hakamies-Blomqvist**, Director, NordForsk

**Ms. Kate Runeberg**, Senior advisor, NordForsk

**Ms. Birte Holst Jørgensen**, Director, Nordic Energy Research

**Ms. Vivi Mathiesen**, Senior advisor, Nordic Energy Research

**Mr. Ole Damsgaard**, Director, Nordregio

**Ms. Heidi Dybesland**, Senior advisor,

Presidency of the Nordic Council of Ministers, Ministry of Education and Research, Norway

**Mr. Christian Möller**, Senior advisor, Nordic Council of Ministers

**Ms. Iben Keller**, Project Coordinator, Nordic Council of Ministers

**Mr. Gard Titlestad**, Chair of the organising committee, Head of department, Nordic Council of Ministers

### **Advisory Panel**

**Professor Steffen Smidt**, Chair of the advisory panel

Denmark's ambassador to the OECD, professor at Copenhagen Business School, International Centre for Business & Politics. Former director general at the EU Commission.

**Ms. Stina Gestrelus**, DSc. Board member, Nordic Innovation Centre and NordForsk

Deputy Managing Director, Medicon Valley Academy (MVA)

**Professor Irina Veretennicoff (BE)**,

Vice President of the Federal Council of Science Policy, Vice Chair of the European Commission's External Advisory Group for the Marie Curie Actions, Head of Department, Dept. of Applied Physics

**Ms. Anneli Pauli**, Vice chair, NordForsk, Vice President (Research), Academy of Finland

**Professor Peter Nijkamp**, President of NWO (Netherlands's Organization for Scientific Research) and EuroHORC (European Heads of Research Councils)

**Professor Phil Cooke**, Director, Centre for Advanced Studies, Cardiff University

**Ms. Helle Mostad**, Director, Hydro Business Development, Norsk Hydro ASA

**Professor Martin Zobel**, Professor of plant ecology, Institute of Botany and Ecology, Tartu University, Baltic observer at the Board of Nordforsk

**Mr. Aage Thunem**, Executive Vice President, SINTEF ICT



## Draft programme for the conference

### Day 1 – Monday 16 October 2006

Code; (tbi) to be identified, (re) requested

#### **14:30-17:30 Pre conference workshop: Opening up Nordic national research programmes.**

The concept of ERA (European research area) and the concept of NORIA (Nordic research and innovation area) highlight the fact that there is a need for more regional cooperation in the future. The vision for ERA is an open inner market for research and innovation. In many ways the Nordic region is interesting because the effort regarding research and innovation is one of the strongest in the world.

Today, research funds are mainly distributed nationally and all countries have their own systems for evaluation and applications. Important synergy benefits could be gained by combining national efforts. The Nordic Council of Ministers has commissioned from Technopolis a study analysing the advantages and disadvantages, which an opening of national research funds could result in (this including the organisation of joint open applications in the Nordic region).

The study will also examine the alternative side-effects for society when opening up the national funds for research. The findings of the report will be presented at the workshop and will later during the session be the starting point for a round table discussion.

- 14:30 Chair: Mr. Peter Nijkamp, President of NWO (Netherlands's Organization for Scientific Research) and EuroHORC (European Heads of Research Councils): *Opening remarks*
- 14:40 **Key note:** Mr. Antti Kalliomäki, Minister of Education, Finland (Finland has the presidency of the European Commission in the second half of 2006 and the presidency of the Nordic Council of Ministers in 2007).  
– comments on *Opening up Nordic national research programmes*
- 15:10 Mr. Erik Arnold, Managing Director, Technopolis: Key note lecture describing the results of the Nordic Council of Ministers Secretariat (NCMS) 2006 commissioned study
- 15:30 Mr. Peter Lund, Professor, D.Sc., Helsinki University of Technology
- 15:50 Coffee break
- 16:10 Round table presenting the implications of *Opening up Nordic national research programmes* from the point of view of;
- Ms. Anneli Pauli, Vice President (Research), Academy of Finland and Vice chair NordForsk
  - Mr. Arvid Hallén, Director General, The Research Council of Norway
  - Mr. Hans Kristján Guðmundsson, Director, Rannís (The Icelandic Centre for Research)
  - Ms. Nina Smith, Chair, Danish Research Agency
  - Mr. Pär Omling, Director General, Swedish Research Council
  - Mr. Per Eriksson, Director General, VINNOVA
  - Mr. Robert-Jan Smits, Director, Directorate General Research, European Commission (tentatively accepted)



- 16:40 Discussion (including audience)
- 17:20-17:30 Mr. Erik Arnold, Managing Director, Technopolis: Summary of discussion – *The way forward*
- 18:30 Welcome Reception Copenhagen Town Hall**  
Welcome speech (tbi)

**Day 2 – Tuesday 17 October**

**9:00-12:00 The Baltic Sea initiative 2010**

**The Baltic Sea Initiative** (BSI) is a network of networks, working to promote competitiveness and sustainable growth in the Baltic Sea Region in accordance to BSI values.

The Baltic Sea Initiative was launched by VINNOVA and Baltic Development Forum in 2004 to create a bottom up process for stakeholders engaged in the development of the competitiveness and growth of the Baltic Sea Region. The Secretary General of the Nordic Council of Ministers has accepted to take the lead of the BSI network for 2006.

The Baltic Sea Initiative is a forum for discussion of the challenges and possibilities for improving competitiveness in the region. Better coordination of existing initiatives and formulating joint actions in order to strengthen competitiveness and innovation in the region, are goals for the Baltic Sea Initiative.

The BSI has decided to focus on five areas in 2006. These areas are:

- Improving conditions and competitiveness of industrial clusters in the region
- Improving conditions for market driven innovation in the region
- Enhancing research cooperation in the region
- Enhancing the integration of financial markets in the region
- Marketing and branding the region

For more information about BSI please go to this web site: [Baltic Sea Initiative](#).

- 9:00 Chair: Mr. Per Unckel, Secretary General Nordic Council of Ministers: *Opening remarks*
- 9:10 **Key note:** Ms. Danuta Hübner, European Commissioner for Regional Policy  
*EU perspective for a creative and dynamic Baltic Sea Knowledge Region*  
(tentative title)
- 9:35 Professor Bo Samuelsson, Göteborg University (re): ScanBalt campus (and other relevant ScanBalt activities) ScanBalt campus sets out to be a European Model Case for increased knowledge-based competitiveness thereby bringing benefits to society.
- 10:00 Programme Manager, BONUS Network Co-ordinator Dr. Kaisa Kononen, Academy of Finland (re): BONUS ERA-NET  
BONUS ERA-NET brings together key research funding organizations in Denmark, Estonia, Finland, Germany, Latvia, Lithuania, Poland and Sweden. BONUS intends to form a network and partnership of key agencies funding research with the aim to deepen the understanding of conditions for science-based management of environmental issues in the Baltic Sea. The strategic purpose of BONUS is to gradually and systematically



create conditions for a joint Baltic Sea research and researcher training programme.

- 10:25 NN (one of the members of the project steering group): Nordic Baltic Innovation Platform for Creative Industries  
By establishing a Nordic Baltic platform for creative industries, the interaction between traditional industries and creative disciplines across the Nordic Baltic region could be stimulated and strengthened.
- 10:45 Prof. Habil. Dr. Jurgis Vilema, chairman of the Lithuanian Energy Institute: title to be announced
- 11:05 Ms. Liisa Hakamies-Blomqvist, Director, NordForsk; *Initiatives and instruments used for developing the Baltic Sea Region*
- 11:25 General discussion
- 11:55 Chair summary
- 11:00 Conference registration, coffee, networking and exhibition
- 12:00 Lunch

## ***Investing in Research and Innovation*** ***– Exchanging European Experiences in a Nordic Context***

### **Opening of the conference**

**13:00** **Key note:** Mr. Øystein Djupedal, Minister of Education and Research, Norway, Presidency of the Nordic Council of Ministers (NCM)

**Key Note:** Mr. Janez Potočnik, Commissioner for Science & Research, European Commission

Chair: Mr. Per Unckel, Secretary General Nordic Council of Ministers

**13:45-15:30** **Plenary session**

Theme: *Strategic aspects of coordination and integration in the European Research and Innovation Area*

A Commission representative will talk about some of the instruments available in FP7 to

coordinate and integrate research in the European Research and Innovation area. These instruments include ERA-NET, ERA-NET PLUS, European Technology Platforms, Joint Technology Initiatives and Article 169 initiatives.

The conclusions of a NORIA symposium held June 13, 2006 will be presented. The meeting discussed experiences of ERA-NET programs from a Nordic point of view. The participants represented ERA-NETs where the coordinators come from a Nordic country and/or where at least four Nordic countries participate.

Another presentation will illustrate how a Nordic network formed the basis for an ERA-NET project with more than 20 participating countries. The project - SafeFoodEra – focuses on a



global challenge, namely food safety, and has therefore attracted the interest of actors far beyond Europe.

An industrial point of view regarding the role of Technology platforms and Joint Technology Initiatives in the European Research and Innovation Area will be presented.

- 13:45 Chair introduction: Ms. Anneli Pauli, Vice President (Research), Academy of Finland and Vice chair NordForsk
- 13:50 Mr. Robert-Jan Smits, Director, Directorate General Research, European Commission (tentatively accepted), will speak on *Why and how to coordinate and integrate research in the European Research and Innovation Area (ERA-NET, ERA-NET PLUS, European Technology Platforms, Joint Technology Initiatives, Article 169 initiatives)*
- 14:15 Mr. Niels E. Busch, Director, Busch & Partners; Lessons learned from Nordic coordinated ERA-Net.
- 14:35 Mr. Kjetil Storvik, Managing Director, Nordic Innovation Centre (NICe): *SafeFoodEra – An ERA-Net project initiated through Nordic cooperation schemes - experiences and challenges*
- 14:55 Speaker from industry (tbi): *Technology platform and Joint Technology Initiatives as engines for integrating the European research and innovation area - for economic growth*
- 15:15 Open discussion
- 15:25 Chair summary
- 15:30 Coffee/tea

## 16:00-18:00 Parallel sessions

### Session 1

Theme: *Innovation – the role of trans-national cooperation for incubation and finance*

There is a need to strengthen and integrate the links between the research and Business communities and reinforce the importance of innovation policy as a tool for economic growth in Europe. Strengthening the innovation infrastructure in Europe is a key for the success of our efforts. Modern approaches towards incubation and finance should be implemented and benchmarked in Europe.

- 16.00 Chair: Mr. David White, Director, Directorate General Enterprise and Industry, European Commission, *Innovation policy in the EU*
- 16:15 Professor Bernardo Huberman, Senior HP Fellow and Director of the Information Dynamics Lab at Hewlett Packard Laboratories, *Harvesting Organizational Knowledge*
- 16:40 Mr. Roland Nobels, Managing Director, Europe Unlimited SA, *Venture Capital from an Entrepreneur perspective: The Venture Capitalist as a Customer*
- 17:05 Mr. Tellef Thorleifsson, Board member of the Norwegian Venture Capital Association and the Swedish Private Equity & Venture Capital Association, General partner Northzone Ventures, *The Venture Capital Perspective on Nordic Innovation*



17:30 Mr. Guido Hillebrands, CEO inno Germany AG & Network Manager Incubator Forum, *Research and Entrepreneurship: an impossible marriage?*

## **Session 2**

Theme: *A European open and transparent labour market for researchers: instruments to enhance the innovation process*

Human resources in R&D play a pivotal role in Europe's attempt to face the so-called "European Paradox", namely that Europe is unable to sufficiently turn research results into globally competitive products. But researchers need an environment which allows them to act accordingly, thus they need a labour market where movement between academia and industry is feasible, structured and rewarded.

Such mobility is not a goal in itself, it is an instrument that can effectively contribute to foster innovation, to share and transfer knowledge and to contribute to enhance university-based technology initiatives.

The Workshop will deal with these issues, starting from the common assumption that the lack of movement is largely due to structural barriers and lack of incentives.

Chair: Ms Lene Lange, Science Director, Novozymes, DK and Chair of the NordForsk Board

Panel speakers;

- Ms Maria Cristina Pedicchio, President of AREA Science Park
- Mr Hans M. Borchgrevink, Special Adviser, the Norwegian Research Council
- Mr Graham Davies, Chance Professor and Head of the School of Engineering, University of Birmingham
- Mr Andrew Dearing, Secretary General, EIRMA (the European Industrial Research Management Association)
- Mr Raffaele Liberali, Director of Directorate D 'Human factor, mobility and Marie Curie Activity', European Commission
- Mr John Smith, Deputy Secretary General of EUA (the European University Association)

Rapporteur: Ms Sigi Gruber, Head of Sector 'Researchers' career', Directorate General Research, European Commission

## **18:00-18:30 Plenary, feedback from sub-sessions followed by general discussion**

Chair: Mr. Steffen Smidt, Denmark's ambassador to the OECD

### ***Take home lessons***

By the chairs from the two sessions:

- Mr. David White, Director, Directorate General Enterprise and Industry, European Commission
- Ms. Lene Lange, Science Director, Novozymes, and Chair of the NordForsk board

Short general discussion.

## **20:00 Dinner**





**Day 3 – Wednesday 18 October**

8:30 Coffee, networking and exhibition

**9:00-10:00 Plenary session**

Theme: *Research and Innovation for regional growth – bringing regions faster into the knowledge economy*

**Key note:** Mr. Leif Pagrotsky, Minister for Industry and Trade, Sweden (re)

**Key note:** Mr. Isi Saragossi, Director, Directorate-General for Research, European Commission (re)

10:00 Coffee/tea, networking and exhibition

**10:30-12:30 Panel session**

10:30 Chair: Professor Mr. Phil Cooke, Director, Centre for Advanced Studies, Cardiff University

10:35 Mr. Ole Damsgaard, Director, Nordregio, *The Geography of Knowledge Production in Europe*

10:45 5x10 minutes introduction by 5 speakers;

- Mr. Christian Ketels, PhD, Principal Associate, Institute for Strategy and Competitiveness, Harvard Business School and Centre for Strategy and Competitiveness, Stockholm School of Economics, *Knowledge Clusters*
- Dr. Nikos Pantalos, Scientific officer, Innovation Policy Development, Directorate General Enterprise and Industry, European Commission, *From PAXIS to the PRO-INNO Europe Initiative*
- Ms. Monica Schofield, Regions of knowledge, Coordinator Regions of Knowledge Pilot Action Baltic Sea Knowledge Region (BSKR) and Regions of Knowledge-2 *FP6 Project LOCOMOTIVE: regional localisation decisions of big companies*
- Mr. Bo Samuelsson, Professor, Chair, Scanbalt

Panel discussions and question / comments from the audience with the aim to;

- discuss the role of clusters and innovation poles for regional development and how to link up local know how for global success
- identify and characterise the role knowledge intensive clusters play in regional growth
- present views and examples of capitalising on knowledge at regional level
- identify ways to improve productive links across science and industry players at regional level
- identify scope for trans-national cluster cooperation and related instruments
- present views and examples of good cluster management;
- discuss the need for local pacts on research and innovation

**12:30 Closing of the conference**

*The Copenhagen Declaration on Research and Innovation*

Mr. Luke Georghiou, Professor, Manchester Business School of the University of Manchester, Rapporteur at the Aho Report (re)

**13:30 Lunch**





norden



Norwegian presidency of the Nordic Council of Ministers 2006

### **Contact points for the Nordic organisations**

#### **Ministry of Education and Research, Norway**

P.O. Box 8119 Dep,

NO-0032 Oslo

Tel: +47 22 24 72 20

<http://odin.dep.no/kd/english/bn.html>

#### **Nordic Council of Ministers**

Store Strandstræde 18

DK-1255 København K

Tel: +45 33 96 02 00

[nmr@norden.org](mailto:nmr@norden.org)

[www.norden.org](http://www.norden.org)

#### **Nordic Innovation Centre (NICe)**

Stensberggt. 25

NO-0170 Oslo

Tel: +47 47 61 44 00

[info@nordicinnovation.net](mailto:info@nordicinnovation.net)

[www.nordicinnovation.net](http://www.nordicinnovation.net)

#### **NordForsk**

Stensberggt 25

NO-0170 Oslo

Tel: +47 47 61 44 00

[nordforsk@nordforsk.org](mailto:nordforsk@nordforsk.org)

[www.nordforsk.org](http://www.nordforsk.org)

#### **Nordic Energy Research (NER)**

Stensberggata 25

NO-0170 Oslo

Tel: +47 47 61 44 00

[info@nordicenergy.net](mailto:info@nordicenergy.net)

[www.nordicenergy.net](http://www.nordicenergy.net)

#### **Nordregio**

Box 1658

SE-111 86 Stockholm

Tel: +46 8 463 54 40

[nordregio@nordregio.se](mailto:nordregio@nordregio.se)

[www.nordregio.se](http://www.nordregio.se)