

Nordic - Baltic Innovation Seminar

Science + Technology + Entrepreneurship

Innovation and Clusters in the Baltic Sea Region BSR-InnoNet

Tallinn,

8 May, 2007

Petra Nilsson-Andersen

NICe



Nordic Innovation Centre

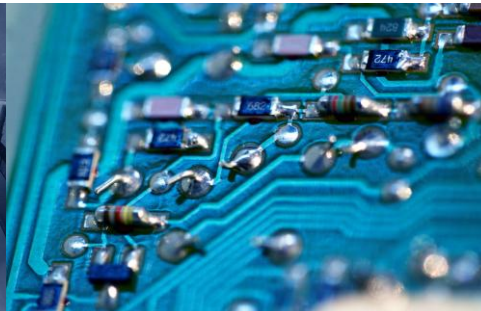
Enhancing Nordic innovation capabilities

NICe initiates and finances activities that promote innovation and enhance trade between the business actors in the Nordic countries.

<http://www.nordicinnovation.net/>

Mission

NICe is the Nordic Council of Ministers' instrument
for promoting an
***innovative, competitive and knowledge-intensive
Nordic business sector***



Nordic Innovation Centre, NICe

Office

In Oslo, Norway

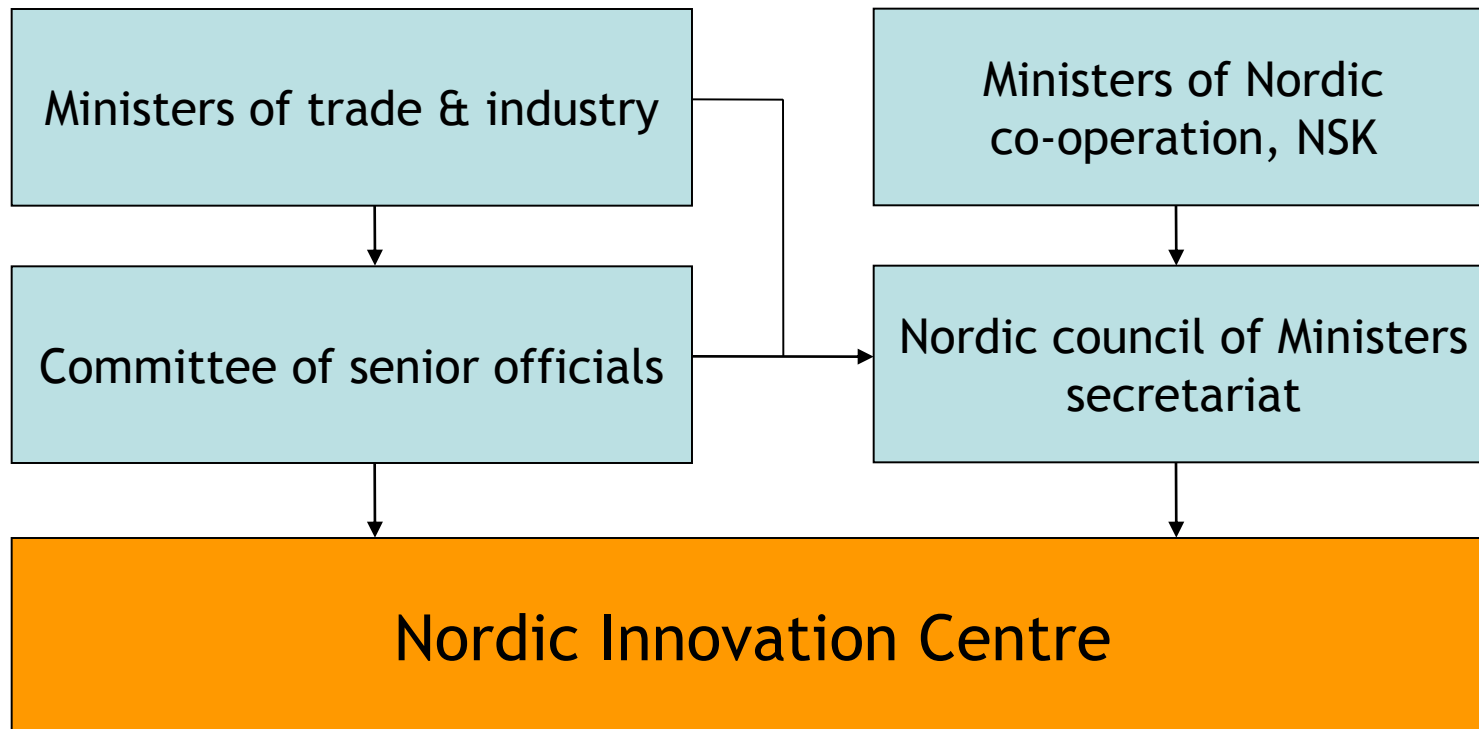
Geography

The Nordic region

The Baltic Sea region



Nordic co-operation



Holistic view on Innovation

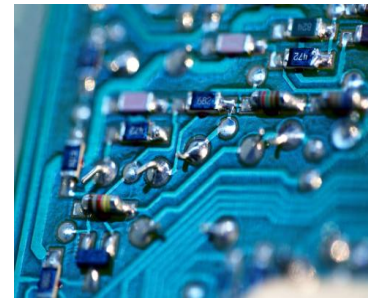
Innovation is

- A new product
 - A new process
 - A new organisational structure
- That creates **success** in the market

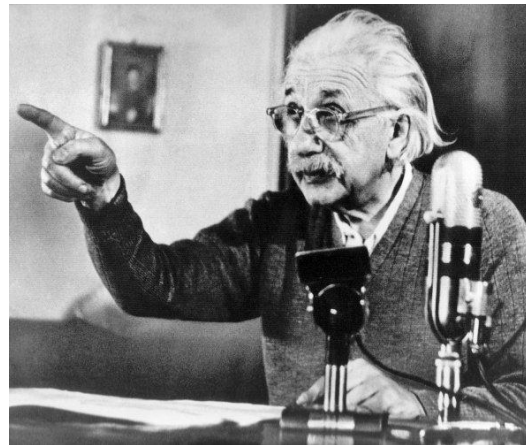
Research or inventions can only become innovations through interaction with commercial interests

Focus areas

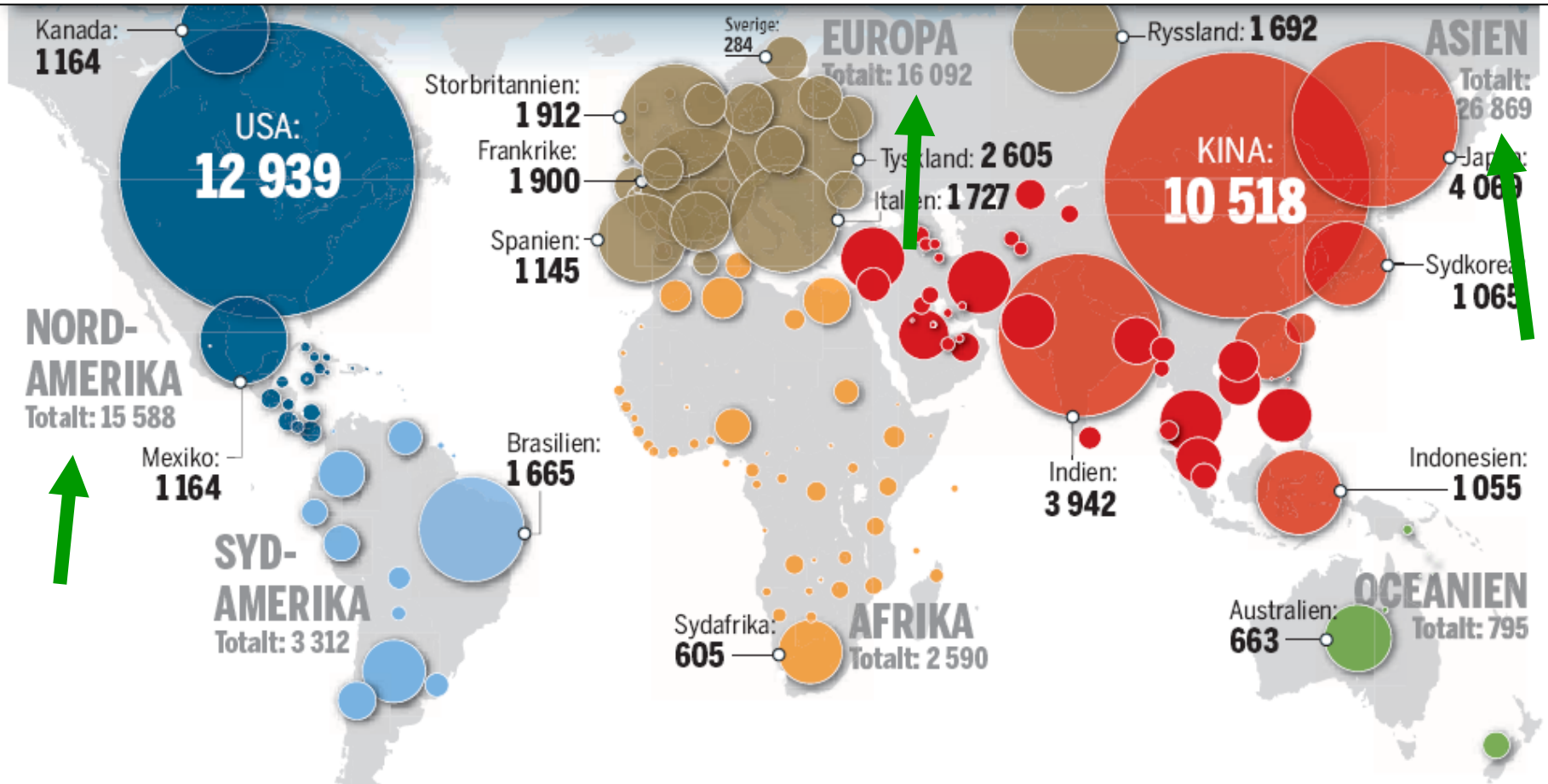
- Nordic region - single market and a borderless region
- Innovation policies
- Creative industries
- Food
 - Food Safety
 - Functional Food
 - Food & Experiences
- Micro- and Nanotechnology
- Innovative construction
- Environmental Technology



“Not everything that counts can be measured, and not everything that can be measured counts.”



Local, Regional, National, European Competitiveness in a Global Perspective



The Map of the World according to the Scale of Economic

(\$), BNP 2006

The cluster framework

The cluster concept...

- **Business driven** cooperation among competitors
- Based on **a business case of common interest**
- Many definitions/structures on how to **join forces**
- **Bottom-up** processes but managed

Clusters and Cluster Support Initiatives...

- Clusters are organised **from and among businesses**
- Cluster Initiatives are organised from **other than business actors** to support development of clusters

The OECD report:

*A Review of National **Cluster** Policies: Why are They Popular Again?*

- Trends in policy promote the **importance of local actors working effectively together** with a goal of greater regional and national competitiveness as well as increased innovation
- This increasingly shared perspective is also encouraged by the **belief that clusters are a convenient and pragmatic “organizing principle” by which to focus resources and build partnerships**

The OECD report:
*A Review of National **Cluster** Policies: Why are They Popular Again?*

- There is **strong quantitative evidence** that many industries remain concentrated in specific regions.
- That firms and research generators in proximity can **out-perform their counterparts** located in less rich environments.
- Countries are seeking to strengthen the success factors that have encouraged the emergence of the **concentrations of innovative firms in regions.**

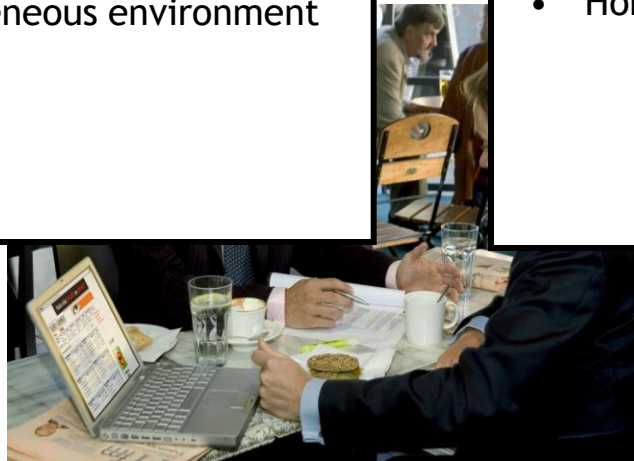
Clusters differ, but European scope

U.S. Model: Clusters as “Magnets”

- Strong factor conditions: costly higher education
- Attractive incentives
- Intense rivalry
- Many, broad clusters
- Many dominant companies
- Heterogeneous environment

Finnish Model: Clusters as “Networks”

- Strong factor conditions: free higher education
- Strong social networks
- Public/private partnership
- Very few, narrow clusters
- Very few dominant companies
- Homogeneous environment



Source:
Dan
Steinbock,
Finland's
Innovative
Capacity
2006

Clusters and Innovation

- *Facilitating cooperation in between sectors* and identification of new areas for growth
- Support of leading clusters in *establishing international cooperation* - forming networks of clusters in order to strengthen global competitive positions



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Baltic Sea Region Innovation Network

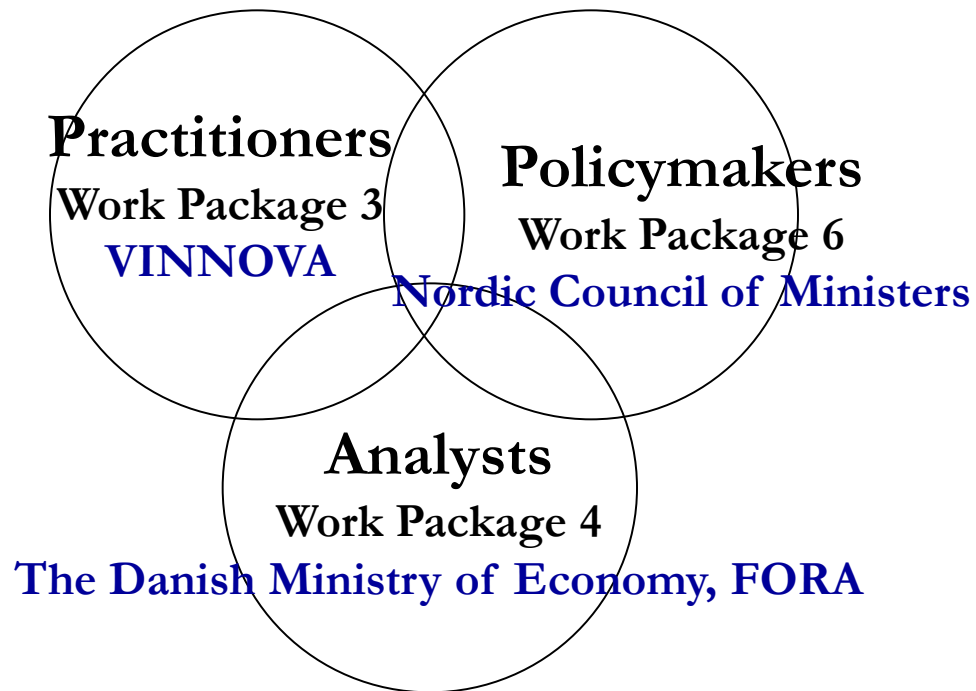
Objectives

- To establish a **shared conceptual framework** for cluster policy formation, evaluation and operational activities across national borders in the Baltic Sea Region.
- To establish one or more **trans-national innovation programme(s)** (focused on cluster development) among partner countries in the Baltic Sea Region.
- To serve as a **European learning case**.



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Project management, **Nordic Innovation Centre**

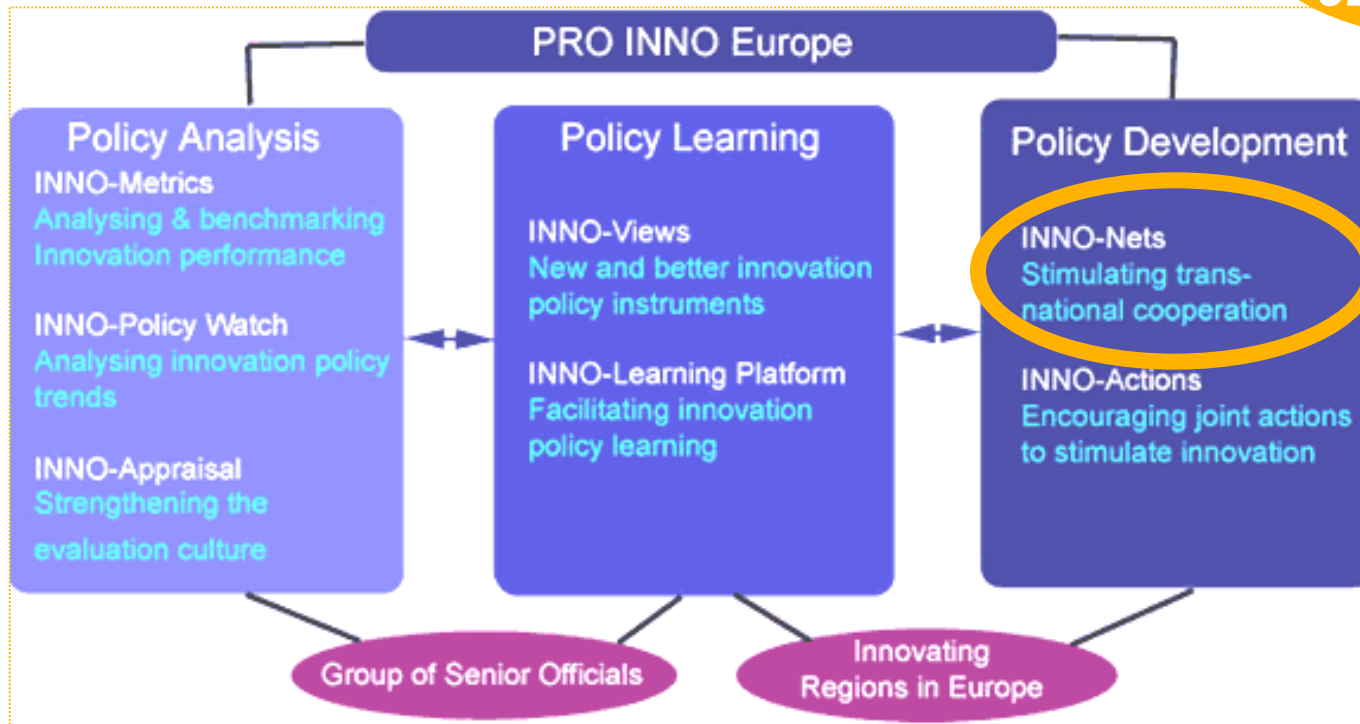


PRO INNO Europe Initiative

(DG Enterprise and Industry)



*PRO INNO Europe
CLUSTER Alliance*





European Cluster Conference on Innovation and Clusters

Stockholm, 22-23 January 2008

Chairmanship: Maud Olofsson, Günther Verheugen and Andrej Vizjak

With participation of ministers from member and associated countries responsible for innovation policy



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innovate

Main Objectives of the Conference

- The *Primary* objective of the Conference is to conclude on common policy development strategies and action program for cluster development and innovation systems among European countries, the Cluster Memorandum of Understanding.
- The *Secondary* objective is
 - to increase know-how on dynamics in regional and national value creation using innovation and clusters as instruments
 - to spread knowledge and share experiences on innovation systems and clusters
- *Focus* of the Conference will not only be on exchange of experiences, best practices and case studies but as well on identification and documentation of

one or more European conceptual platform(s) for innovation systems and cluster structures

Coordinator of BSR InnoNet
Jens Erik Lund,
E-mail: jens.erik.lund@nordicinnovation.net

Thank you for your attention!