Industrial clusters as innovation drivers
– conclusions of the IRE working group

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Dél-Alföld in Europe

- Neighbour to Romania and Serbia
- Crossed by trans-european corridors
Economic focus in Hungary

• Chemicals
• Plastics
• Pharmaceuticals
• Fertilisers
• Computers
• Telecommunications
“Hungary is more central to Nokia than Finland: the company’s R&D is essentially handled by the Nokia R&D Centre in Hungary.”
Cross border co-operation area
Towns in the border zone
The Blueprints Initiative

Blueprints for Foresight Actions in the Regions

FOR-RIS
UPGRADE
AGRIBLUE
TECHTRANS
TRANSVISION
SEE Foresight State of the Art Planning Exercises VS Foresight

Foresight is relevant for the planning processes of the border regions.

e.g. Growth strategies of the poles of Szeged, Bekescsaba, Timisoara, Arad, Novi Sad i.a. inspired by effects of the Romanian accession to the European Union.
DNT: R+D in neurobiology

DEAK: Multi-Disciplinary R+D

KNRET: nanotech.

Life Sciences

Environmental Sciences

Material Sciences

Original concept by Dr. Buzás Norbert
Euro-Regional Innovation Concept

- Prepared jointly by development agencies from Hungary, Romania and Serbia
- Partnership-based process (conferences in Timisoara, Szeged and Subotica)
- Provides the basis for further co-operative actions
Main measures of ERIC

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Improvement of innovation capacities and competitiveness of South Great Plain

Human resource development
- Technical education
- Training for innovation managers

Institutional and infrastructural development
- Biotech/Medtech technology centre
- Innovation Infocentre

Improvement of innovative awareness of businesses
- Internationalisation of SMEs
- Project generation

Networks
- Spin-off programme
- Network of BSOs
What is a regional cluster?

• A hierarchy of 3 concepts:
  - Regional cluster
  - More organised co-operation (agreement) between firms, stimulated by trust, norms and conventions, which encourages firms' innovation activity
  - Co-operation also between firms and different organisations for knowledge development and diffusion

A concentration of «interdependent» firm within the same or adjacent industrial sectors in a small geographical area
IRE Cluster Workgroup

Recommendations for cluster development
Two sector/cluster groups
   AgroFood
   Transports
Driver: Environmental concerns/Energy crisis
Task: Develop scenarios and implications for the regions
   Define the business-as-usual scenario
   Design one or more realistic perspective(s)
Conclusions presented in final publications
Economic sectors with good examples of co-operation

- Agro-food (processing and promotion)
- ICT (software development and medical applications)
- Renewable energy (biogas and wind)
- Joint projects for EU support
Co-operative actions between Hungary and Serbia

- training projects
- mentoring actions
- partnership agreements
- joint projects for EU support
Co-operation EU (Hungary) – Russia (good examples)

- Plazmatron Zrt (R&D project): industrial application of plasma technology for waste treatment and energy generation
- Masterplast (sales project): new company to export plastic products for the construction industry
Thank you for your attention!

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