



INNOWEEK

The week of Innovation, Science
and Technology in Novi Sad

A new approach in trans-national cooperation
between Regional Innovation Systems





A Region of excellence

The Friuli Venezia Giulia Region hosts one of the richest concentrations of scientific institutions in Europe:

3 Universities, the main Italian Scientific campus (Area Science Park), 32 research / international centers.

Trieste has the highest number of researchers per working unit in Europe: almost 38.5 out of 1.000 working units!

The FVG Region scores 8.8 (Italy 3.3, EU 5.0, USA 7.4)



Some of the top research centres in Trieste

- ICTP/UNESCO - International Centre for Theoretical Physics
- ICS/UNIDO - International Centre for Science and High Technology
- ISAS – International School for Advanced Studies (Academy)
- ICGEB - International Centre for Genetic Engineering and Biotechnology
- TWAS - Third World Academy of Sciences
- ELETTRA – Synchrotron Light Source (biotech, nanotech)
- INFN – National Institute for Nuclear Physics
- OGS – National Institute of Oceanography and Experimental Geophysics
- CETA – Center for Theoretical and Applied Ecology



AREA Science Park

AREA Science Park is the leading scientific / technological park in Italy and one of the most relevant in Europe. It is managed by a Consortium recognised by the Ministry of Education, University and Research as a national point of reference for TT. Annual revenues for 23 Meur. It hosts 21 R&D centers + 66 enterprises, 2.550 researchers and staff.





INFORMEST Agency for Cooperation

Informest – Agency for International Economic Cooperation, is a non-profit public-equivalent body created by the Italian Law 19/1991 in order to provide enterprises, institutions and public/private market operators with **information services, training, assistance** and **consultancy** about opportunities of economic cooperation with Eastern European countries, included so-called WB.





INFORMEST Shareholders and mission

Main shareholders:

- The Autonomous Region Friuli Venezia Giulia
- The Veneto Region
- The National Institute for Foreign Trade (ICE)
- National Union of Chambers of Commerce

Informest 's main activity is the generation and management of public-funded territorial cooperation projects, exp. in the framework of European Programmes for cohesion and territorial cooperation and of regional development policies.



Informest as a member of the EEN

Informest is part of the European Enterprise Network, the world biggest network in support of SMEs. It supports the development and the internationalisation of the **regional system of enterprises** in the N-E of Italy on behalf of the:



European Commission
Enterprise and Industry



“Friend Europe” Consortium



Projects in Serbia - Background / 1

From Sept. 2001 up to Dec. 2009 Informest has run in Serbia **20 projects**, amount worked **> 2 MEuro**.

Funds: L. 212/92, L.84/2001, LR 19/2000, CARDS, Interreg IIIB, SEE (3 projects currently running).

Relevant projects run in **Vojvodina**:

ISSER – Regional Socio-economic Development Initiatives in Vojvodina, L.84/2001 (Italian Ministry of Economic Development), partner: Autonomous Province of Vojvodina, Jan. 2005 – Aug. 2006



Projects in Serbia - Background / 2

OFFICE 2007 / 2008 – FVG and Vojvodina Together in Europe, LR 19/2000, partner: Executive Council of the APV, Jan. 2007 – Dec. 2008

CASA FVG – Home of the Friuli Venezia Giulia in Vojvodina, LR.19/2000, Jan.– Dec. 2009

<http://www.vojvodinafvg.it/>

Participation to the Institutional mission from FVG in Vojvodina: 11-13 May 2009 (+ Casa official opening)

The first cooperation agreement

The first cooperation agreement between the Autonomous Region Friuli Venezia Giulia and the Autonomous Province of Vojvodina was signed on April 17th, 2003. Key issues:

- **Information exchange** on several sectors (included scientific research, technology and training)
- Creation of a **joint working group** to identify common development issues and suggest cooperation proposals
- Promote **joint projects** in the fields of territorial development and technology transfer



The cooperation agreement re-launched

The cooperation agreement has been re-launched in June 13th 2007, and then in January 30th, 2009. The new declaration, signed by the two Presidents Renzo Tondo and Bojan Pajtic, listed 9 cooperation priorities, incl.:

- Cooperation between the Universities of Novi Sad, Trieste and Udine for students exchange, training programs and post graduate courses
- Implementation of the “Casa FVG” in Novi Sad as a place for the promotion of FVG entrepreneurial system



The INNOWEEK project

INNOWEEK – The Innovation, Science and Technology week in Novi Sad, LR.19/2000, partners: **AREA** Science Park, Centre for Molecular Biology, March – Oct. 2010

A further step in the pathway to merge the innovation capacities of **Friuli Venezia Giulia** and **Vojvodina**, putting together research centers and dynamic enterprises from both sides in many fields of common interest, in particular: renewable energies (incl. bio-fuel), energy efficiency, agro-food , sustainable agricultural development, biotechnologies



General objective

To favour and strengthen the cooperation between Friuli Venezia Giulia and the AP Vojvodina in the sectors of **innovation + scientific and technological research,**

- establishing permanent links and cooperation protocols between scientific institutions and local actors of the technological development of the two regions,
- promoting common projects and initiatives,
- intensifying staff exchange programmes.



Means

Realization of a number of small events (presentations, seminars, workshops, meetings, etc.) in Novi Sad over a one-week time span with a twofold aim:

- 1 . To represent **the FVG system of scientific research**, innovation and technology to the APV key players, the enterprise system and the general public
2. To activate new **cooperation channels** between research centres and innovative enterprises of both sides, through the creation of specific **working tables** involving local players

Top level agreement
(bilateral protocol)




Involvement of
innovation system
key players



Sectoral meetings,
working tables

Activity flow / 1

- 
- Public facilitators
 - Enterprise clusters
 - Private companies

- 
- Renewable energy
 - Energy efficiency
 - Biotechnologies

Promotional events
in Novi Sad



Cooperation
agreements



Final conference
Dissemination

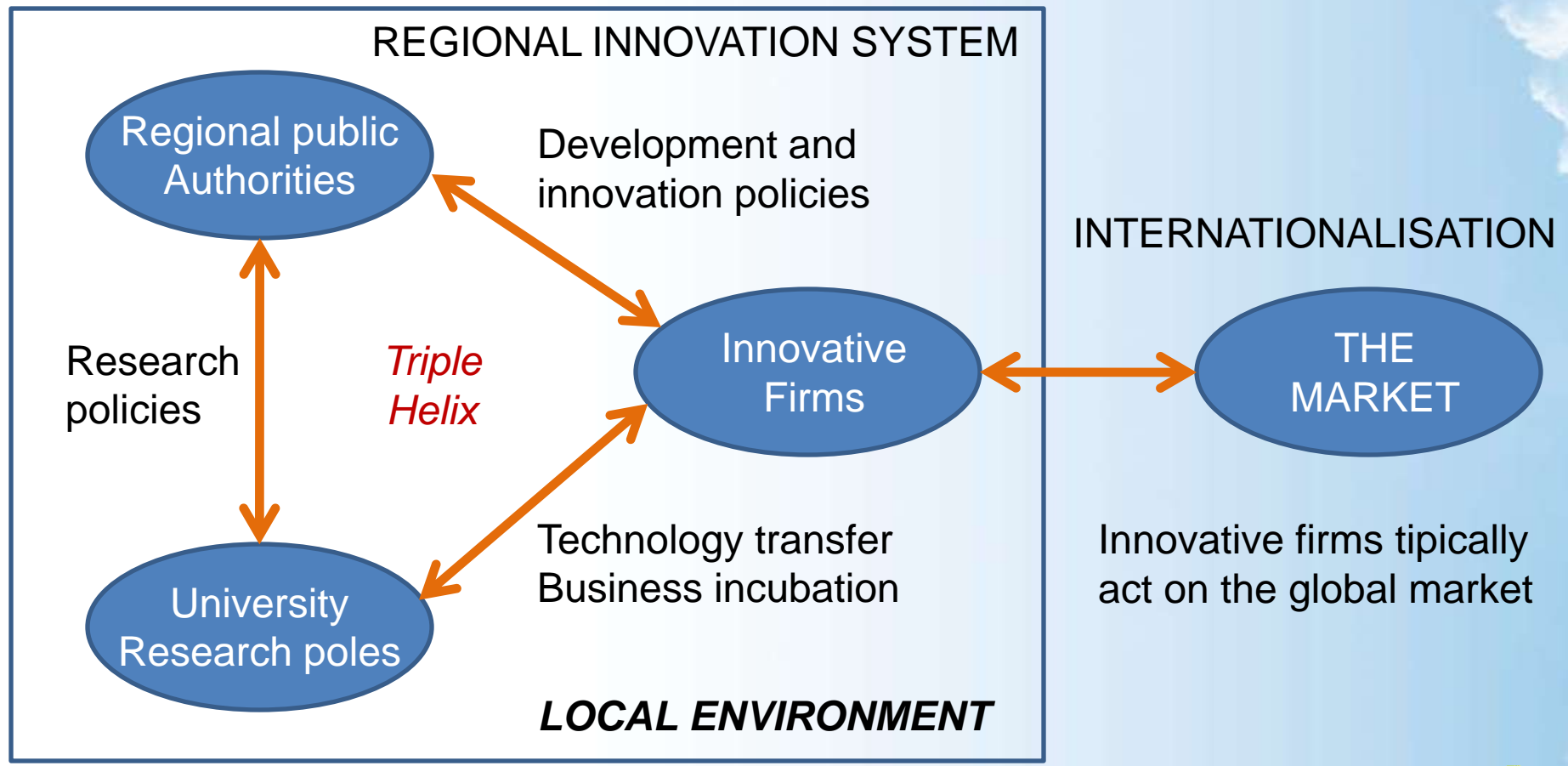
Activity flow / 2



- Bilateral working groups
- Knowledge transfer
- Staff exchange programs

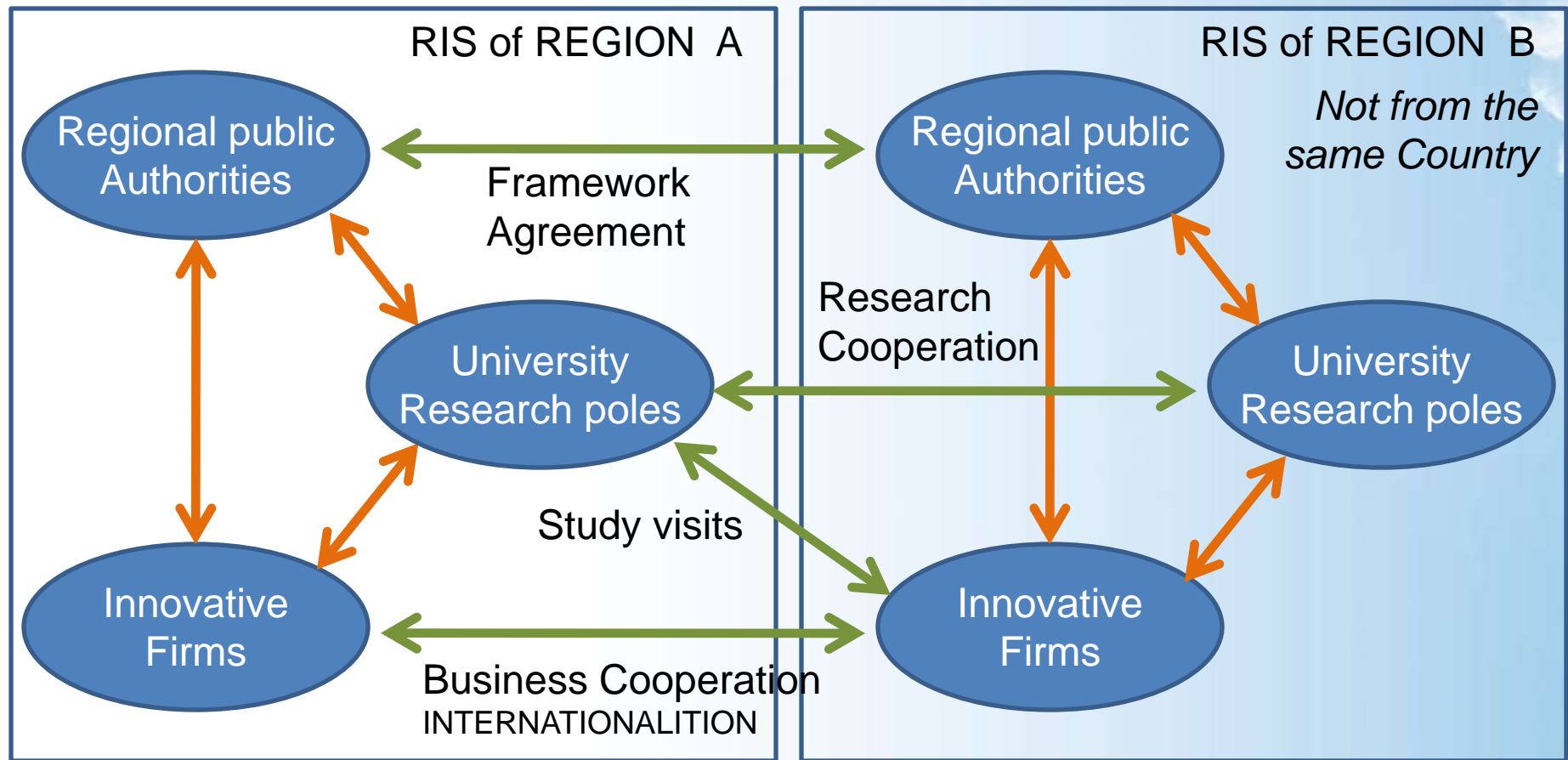


The standard model





A new approach: RIS coupling



CROSS-COUNTRY ENVIRONMENT



Some previous experience / 1

Since 1994, > 120 European regions have received support from EC for carrying out Regional Innovation Strategy (RIS) projects. Aim: to support regions to develop regional innovation strategies to enhance local innovation and competitiveness through optimizing innovation policies and infrastructures.

The RIS projects were funded by Regional Policy DG.

See for reference:

<http://ec.europa.eu/enterprise/ire/Innovating-regions/www.innovating-regions.org/>



Some previous experience / 2

Over the period 2001-2004, 14 IRE Thematic Networks dealt with innovation-related topics of interest for **groups of regions**. Aim: to help regions, that were designing or implementing regional innovation strategies, to gain knowledge of **successful schemes** in other European regions. Out of 212 schemes reported, only 2 were already trans-national (cross-border) (BioValley: NW Switzerland, South Baden, Alsace; and Medicon Valley: Copenhagen, Sweden Oresund).



Some previous experience / 3

During 1998-2001, about 40 regions co-operated within 10 Trans-Regional Innovation Projects (TRIP) based on the outcomes of RITTS / RIS projects in participating regions.

Aim: to support innovation in **firms** by comparing exercises in several regions. But:

- Projects were often limited to a specific industrial sector.
- Focus has been put on ‘vertical’ innovation measures, suitable to be applied in different regions.
- Real ‘integration’ of the RISs was never attempted.



List of TRIPs

- APPLICOM – Hamburg, Tuscany, Umbria, Dorset Hampshire
- DELCOSI – Upper Austria, Bremen, Milan
- InfoAct – Auvergne, Lorraine, Thessaly, Madrid, Yorkshire&Humber
- TRIP – Northern Finland, North Sweden (cross-border)
- PEP – Lower Austria, South Sweden, Kent, Schleswig-Holstein
- SESAMES - Baden-Wuerttemberg, Weser Ems, Piedmont, Puglia
- AUTOCHAIN – Limburg (BE), Aragon, Castilla y Leon, Wales
- TEURPIN – Iceland, Trento, South Sweden, Yorkshire&Humber
- OB-OR – Häme (FIN), Lorraine
- TRESP – Shannon, Wales



The Innovation Week

INNOWEEK – The Innovation, Science and Technology week in Novi Sad, September 21-24, 2010.

4 Working Tables:

- Biotechnologies applied to the agrofood sector
- Biotechnologies applied to the health care sector
- Energy efficiency and new energy sources
- ICT for personal and collective mobility.

+ 1 Final Conference (on Friday 24th morning)



Draft Programme (see www.innoweek.it)

- Sept. 21st WT on Energy efficiency and renewable sources**
- Sept. 22nd WT on ICT for mobility and transport**
- Sept. 23rd WT on Applied Biotechnologies**
- Sept. 24th Final Conference**

WT scheme:

- Welcome address by local institutional representatives
- Technical introduction (research framework in FVG and APV)
- Presentations of research projects, products, solutions
- Bilateral meetings, research agreements (cooperation agenda)



Thank you for your attention!

Dr. Claudio Di Giorgio

Head of External Relations

INFORMEST

Via Cadorna, 36 – 34170 Gorizia (Italy) – Tel. +39 0481 597411

claudio.digiorgio@informest.it

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Visit our EEN website: www.friendeurope.it

Visit our cooperation website: www.vojvodinafgv.it

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