



**EU FUNDS FOR KNOWLEDGE AND
INNOVATION – USING STRUCTURAL FUNDS
AND OTHER PROGRAMMES**



Euroinnova NAVARRA

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Navarra Region, Spain



Navarra Macro economic Figures, 2006

Surface area	10.391 sq. km.
Population	601.874 people
Active population	301.300 people
Working population	287.500 people
Unemployment rate	4,58 %
GDP (2005)	15.472 million €

GDP Sectorial Distribution, 2006

Sector	GDP %
Agriculture	2,7 %
Industry	28,4 %
Construction	9,5 %
Services	59,4 %

Main Industrial Sectors

- **Automotive**
- **Food and drink processing**
- **Machinery and mechanical equipment**
- **Metallic products**



R&D&I effort, 2005

R&D&i expenditure on 2005: 257.967.000 €

R&D&i expenditure (as GDP %): 1,67 %

Companies R&D&i expenditure: 65,86 %

People working on R&D&i 16 %



R&D&I effort, 2005

Concept	Navarra	Spain	UE25
R&D&i Expenditure (as GDP %)	1,67	1,13	1,90
R&D&i Expenditure in companies (as GDP %)	1,10	0,61	1,22
R&D&i personnel (FTD – as active population ‰)	16	9,21	11
R&D&i personnel in companies (FTD – between total R&D personnel)	50,43	43,12	53,43
Researchers (FTD)	2.997	109.720	1.207.409
Researchers (as % of total R&D&i personnel)	66,7	62,8	58,97
Researchers in companies (as % of total researchers)	35,3	32	49,5

FTD: Full Time dedication

Source: Instituto Nacional de Estadística, OECD and EUROSTAT

Innovation Policies Background



First Technology Plan of Navarra (2000-2003)



Second Technology Plan of Navarra (2004-2007)



Third Technology Plan of Navarra (2008-2011)

First Technology Plan of Navarra (2000-2003)

Overall Objective: Improve the competitiveness of regional companies and promote employment through a quantitative and qualitative increase of the technological activity of companies

Budget: 119,82 million €

Constitution of Navarra Agency for Innovation and Technology (ANAIN)

Development of referent Technology Centers:

- Spanish National Renewable Energies Technology Centre
- Medical Applied Research Centre
- Agrobiotech and Natural Resources Research Institute
- Automotive Technology and Innovation Regional Centre

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Second Technology Plan of Navarra (2004-2007)

Overall Objective: Improve quality of life of citizens and promote a sustainable development policy for the society through the coordination of RTD and Innovation activities performed by companies, research centers and universities

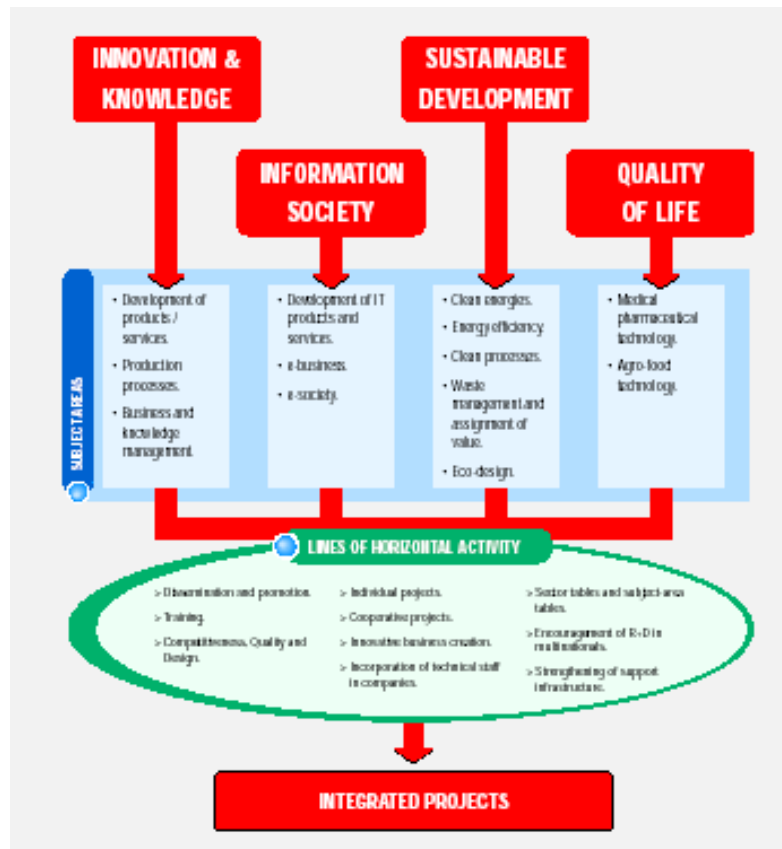
Budget: 140,96 million €

Strategic areas:

- Innovation and Knowledge
- Information Society
- Sustainable Development
- Quality of life



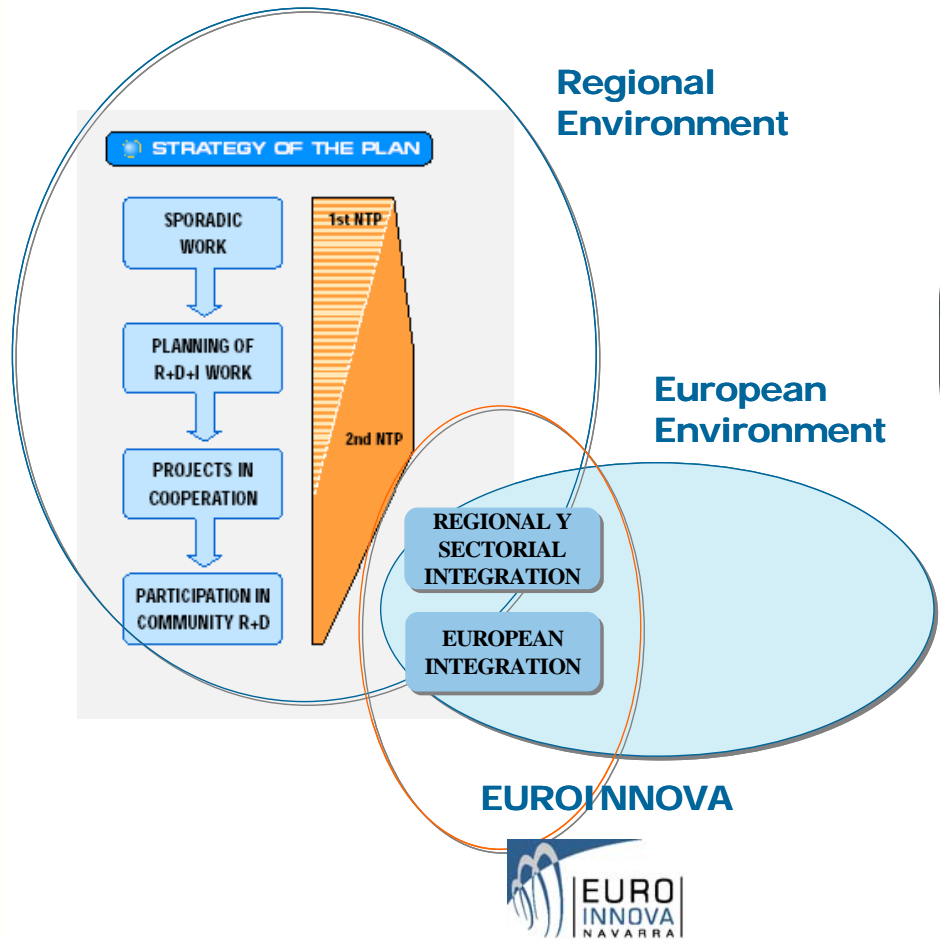
Second Technology Plan of Navarra's Strategic Areas



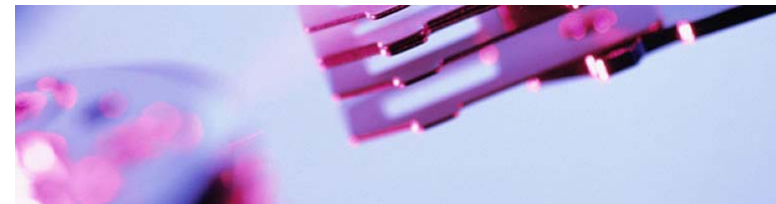
Focus on Integrated Projects: cooperation and articulation framework of the agents of the so-called Science-Technology-Enterprise (S-T-E) system



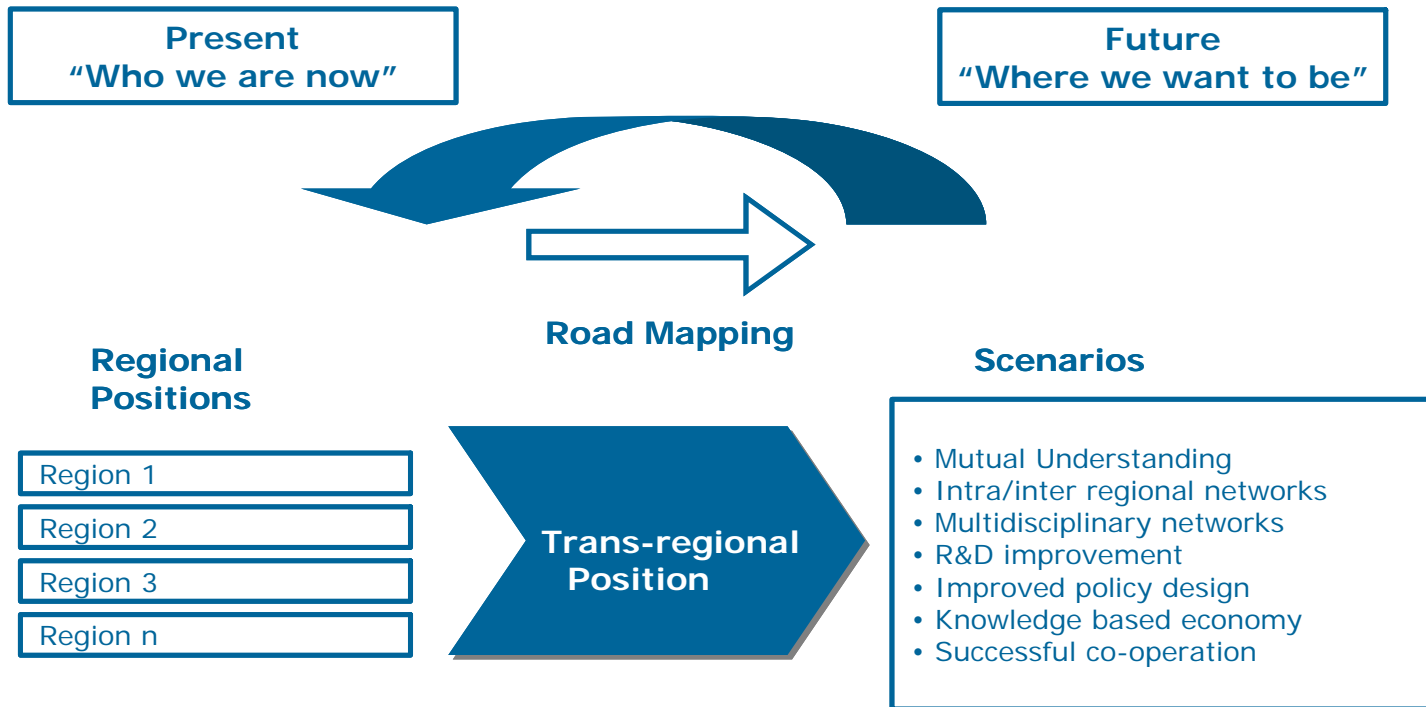
EUROINNOVA NAVARRA Strategy



- Sectorial and regional integration
- European integration
- Regional intelligence



EUROINNOVA NAVARRA Strategy



EUROINNOVA NAVARRA PROGRAMME

ERDF Initiative: Regional Programme of Innovative Actions

II Regional Programme of Innovative Actions on Navarra

Total Budget: 4.892.000 €

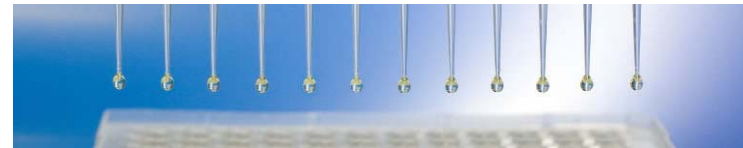
ERDF Contribution: 1.733.500 €

Implementing period: 01/01/2006 – 31/12/2007 + 1 year



EUROINNOVA NAVARRA GOALS

- To design 2 new methodologies 1) on the creation of “Poles of Excellence” and 2) on the promotion of Interregional R&D cooperation.
- To identify and implement “Integrated Projects”, in 3 emergent sectors: **Biotechnology, Nanotechnology and Renewable Energies.**



- To implement ICT “Integrated Projects” linked to emergent sectors.

EURO INNOVA NAVARRA GOALS

- To conduct an interregional foresight exercise with at least 4 other regions.
- To launch an Interregional Call for Proposals for R&D projects.
- To incorporate 15 institutes and enterprises of Navarra into “European Networks of Excellence”.
- To develop a European Technological Conference (200 attendants) focusing on one of the emergent sectors.
- To develop an Interregional Workshop to transfer the results of the Programme.

EUROINNOVA NAVARRA ACTIONS

Action 1. POLES OF EXCELLENCE: Developing and implementing the methodology for the elaboration of “R&D Integrated Projects” in specific sectors.

Action 2. INNOVATIC: Promoting and developing the ICT sector as an accelerator of technological change and regional economic growth.

Action 3. INNOVANETWORKS: Advancing towards the integration of the regional innovation system into the European Research Area.

Action 4. NETWORKING: Sharing the knowledge and experience acquired in Innovative Actions in different European regions to design a common future strategy

INNOVANETWORKS ACTION

Goals:

- To promote the RDI cooperation of Navarra Region with other European regions.
- To Open Up the regional Innovation system.
- To promote networking both at the S-T-E system level and between regional innovation policymakers, for the implementation of common interregional innovation strategies.



INNOVANETWORKS ACTION

Interregional Cooperation aimed at:

- 1. Implementation of Interregional Foresight exercises on 3 priority sectors: Biotechnology, Nanotechnology and Renewable Energies**
- 2. Development of an Interregional Call for Proposals to support networking, mobility and R&D&I projects among involved regions**
- 3. Integration of Navarra region's stakeholders into European networks of excellence and the celebration of Cooperation Agreements between Navarra's regional networks and other regions' networks**
- 4. Development and dissemination of a Methodology Guide on Interregional Cooperation Frameworks**

INNOVANETWORKS ACTION

Methodology:

- 1. Development of a European Map of excellent regions, networks and centres in Biotechnology, Nanotechnology and Renewable Energies.**
- 2. Development and dissemination of Navarra Profiles on the Technological Demand and Supply on 3 sectors.**
- 3. Identification and invitation to take part in INNOVANETWORKS to European excellent regions.**

So far, 8 regions from France, Italy, Sweden, Germany and Finland have been contacted.

INNOVANETWORKS ACTION

Methodology:

4. Implementation of 3 Foresight exercises with interested regions:

- **Pre-Foresight:** Technological missions from Navarra's Stakeholders from 3 priority sectors to involved regions, in order to open up the innovation systems and exchange Knowledge and Competence Maps.
- **Foresight:** Definition of a future scenario/vision on cooperation and networking on the agreed sector.
- **Post-foresight:** Road mapping: Identification of joint initiatives, actions and projects aimed towards the agreed future vision.

INNOVANETWORKS ACTION

Methodology:

5. Follow up of resulting Road Maps by means of an Interregional Call for Proposals aimed at:

- Promotion of interregional exchange of human resources among S-T-E agents (mobility).
- Promotion of networking among Excellent Technology Centers from involved regions and integration of participant regions' stakeholders on European's networks of excellence.
- Promotion of interregional R&D&I projects among involved regions.

It looks for the provision of a flexible and innovative framework for collaboration, as a prior step for the implementation of RDI joint strategic projects

INNOVANETWORKS ACTION

Methodology:

6. Development and Dissemination of a “Methodology Guide on Interregional Cooperation Frameworks” comprising all efforts promoted by the INNOVANETWORKS Action.
7. Celebration of an International Congress on Second Generation Biofuels in Pamplona, Navarra, on 23-24 January, 2008.

www.biofuel2g.com



INNOVANETWORKS ACTION

Involved partners:

- **Navarra Government – Department of Innovation, Enterprise and Employment.** Gobierno de Navarra, Departamento de Innovación, Empresa y Empleo.
www.cfnavarra.es/industria
- **Navarra Agency for Innovation and Technology.** Agencia Navarra de Innovación y Tecnología. ANAIN. www.anain.com
- **Technological Industrial Foresight Observatory.** Observatorio de Prospectiva Tecnológica Industrial. OPTI.
www.opti.org

INNOVANETWORKS ACTION

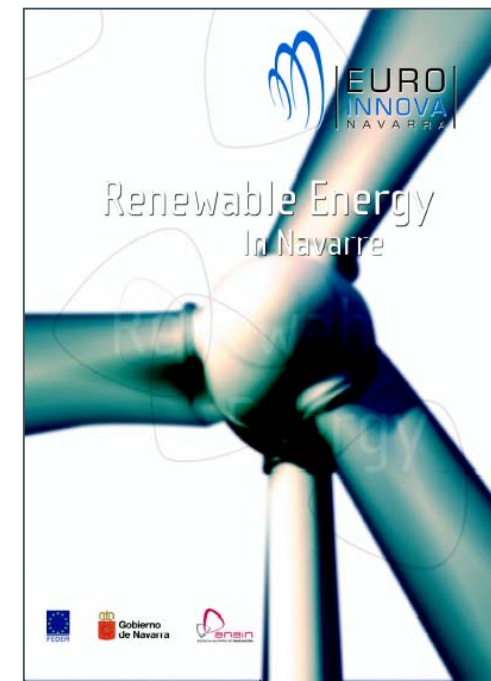
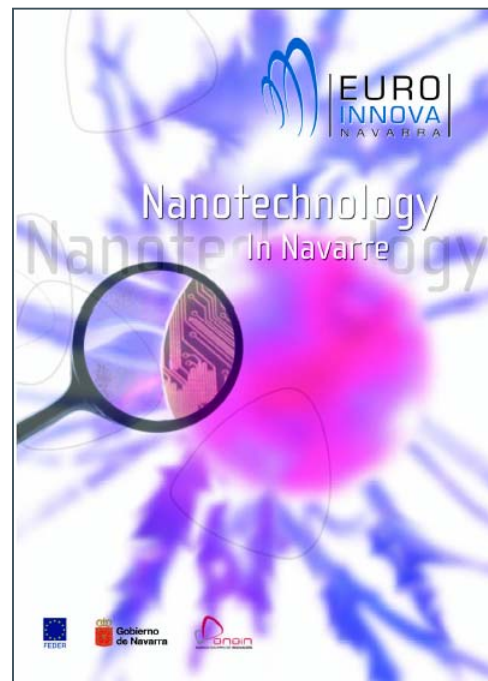
Involved partners:

- **National Centre of Renewable Energies.** Centro Nacional de Energías Renovables. CENER. www.cener.com
- **Centre for Applied Medical Research.** Centro de Investigación Médica Aplicada. CIMA. www.cima.es
- **National Centre of Food Technology and Safety.** Centro Nacional de Tecnología y Seguridad Alimentaria. CNTA. www.cnta.es
- **L'Urederra Foundation for Technological and Social Development.** Fundación L'Urederra. www.lurederra.es
- **Navarra Association Industry.** Asociación para la Industria Navarra. www.ain.es

LINK

EUROINNOVA NAVARRA

www.euroinnova-navarra.eu





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NAVARRA

Thanks for your attention!

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