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NATIONAL AND REGIONAL TECHNOLOGY TRANSFER AND UNIVERSITY NETWORKS IN EUROPE

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Technology Transfer Networks: Examples



- Spanish National Technology Transfer Network (RED OTRI)
- Regional Technology Transfer Network (RUVID Valencia)
- Europe: Enterprise Europe Network, Seimed
- European Networks: PROTON, ASTP

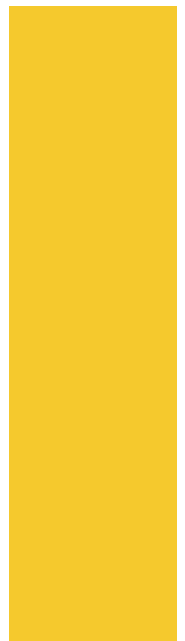




Spanish Network for Technology Transfer

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RED OTRI: SPANISH NETWORK OF TECHNOLOGY TRANSFER OFFICES



WHAT ARE OTRIS?

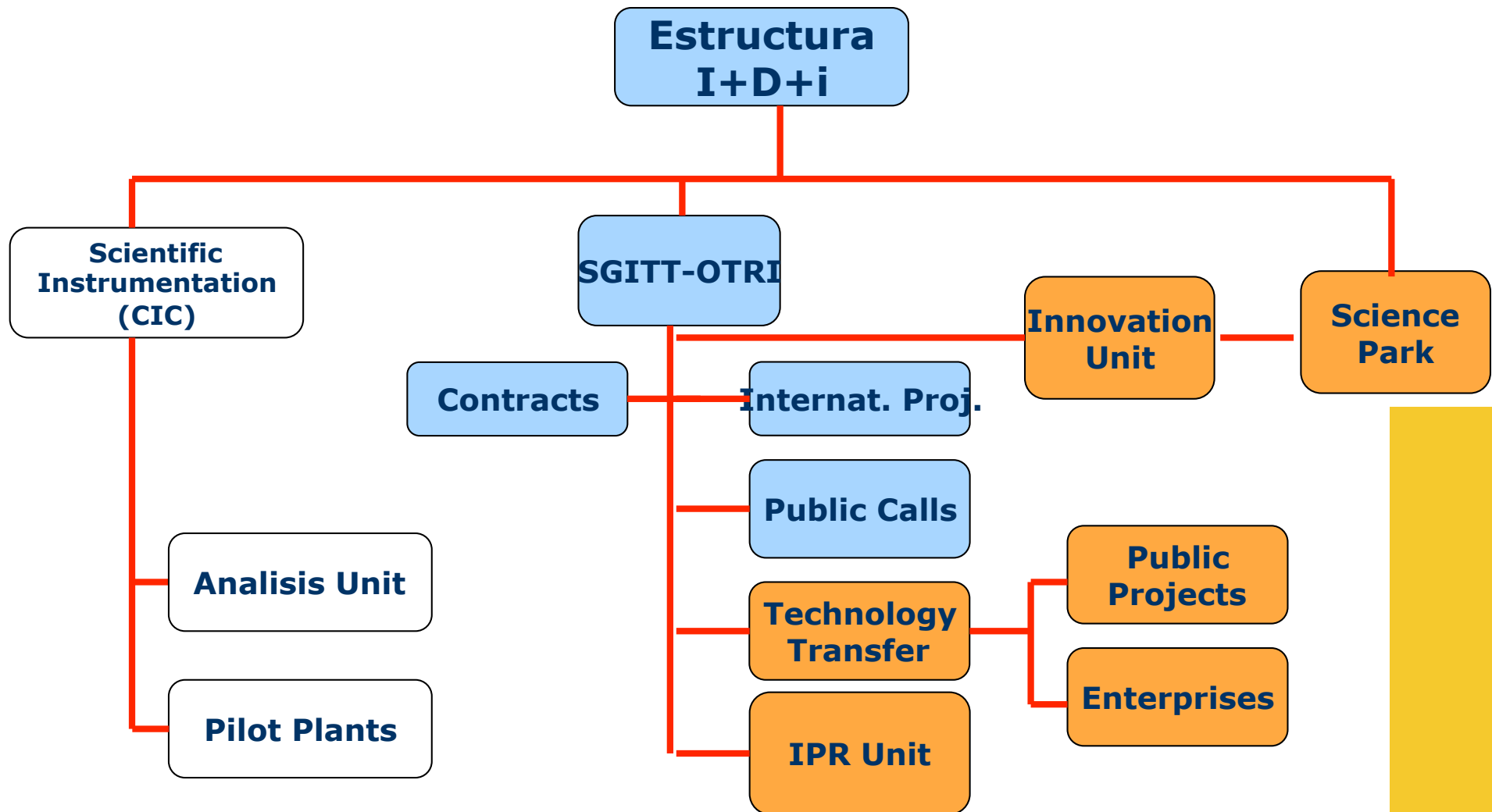


- OTRI Oficinas de Transferencia de Resultados de Investigación (Research Results Transfer Offices)
University based inter-phase structures to promote relationship between university research and companies



1. **research and technical support contracts**
2. **R&D projects** in collaboration with businesses and other bodies, and public funding sources related to obtaining marketable results
3. **Strategic alliances** with other organizations, aiming to exploit scientific skills and results of university research
4. protection of research results through patents and other ways of protecting intellectual and industrial property rights (IPR).
5. **Licensing of University research**
6. Creating and developing **new companies**, based on the knowledge generated by the universities.
7. Promoting the bonding of universities with companies and other institutions.

OTRI at the University of Alicante Structure and Activities



Red Otri (Network of TTOs) History



- created in 1997 by CRUE -*Conferencia de Rectores de las Universidades Españolas* (Spanish Universities Rector's Conference)
- Conceived in 1st National Plan of R&D 1988-1991, main instrument of the Law of Science, as the **catalyst of the relationships between the university and the business world.**
- 90 % of the university OTRIs are internal units of the university (except: 6 external units controlled by the university, 1 non-profit corporation)
- Red OTRI in 2008:
 - 62 Universities
 - 13 Public Research Organisations
 - 499 Professionals

STRUCTURE AND ORGANIZATION OF RED OTRI



- Association, with a **Plenary of Directors and OTRI** Representatives, where all member universities are represented, thus constituting its main decision making and debating body.
- **Permanent Commission, elected biannually**, responsible for the monitoring of RedOTRI working program.
- RedOTRI counts on a **Technical Secretariat, physically located at CRUE's headquarters.**
- **Working Groups** on different topics

Red OTRI Objectives



- Enhance both the development of the OTRIs and the professional development of their staff.
- Encourage all OTRIs to function as a network, through initiatives such as actions, instruments and services of common interest.
- Guide the R&D Sectoral Committee in aspects related to linking university research efforts with other instruments of the National System for Innovation.
- Collaborate with the **government** and other bodies to strengthen the relations between universities and companies
- Contribute to the development and establishment of a new university “image”, that actively supports socioeconomic development

Red Otri Main Activities



- Annual Conference
- Annual Report RedOTRI
- Surveys RedOTRI
- Working Groups
 - different topics of interest for OTRIs
- Project ‘Uniemprendia’
 - competitive program of RedOTRI for the promotion of new technology based firms
- Project ‘RedValor’
 - “Red Valor” proposes a tool to evaluate and assess the market potential of the inventions generated by universities and Public Research Organizations



UNIEMPRESARIA
2007
30 business ideas
registered
23 groups received
business training

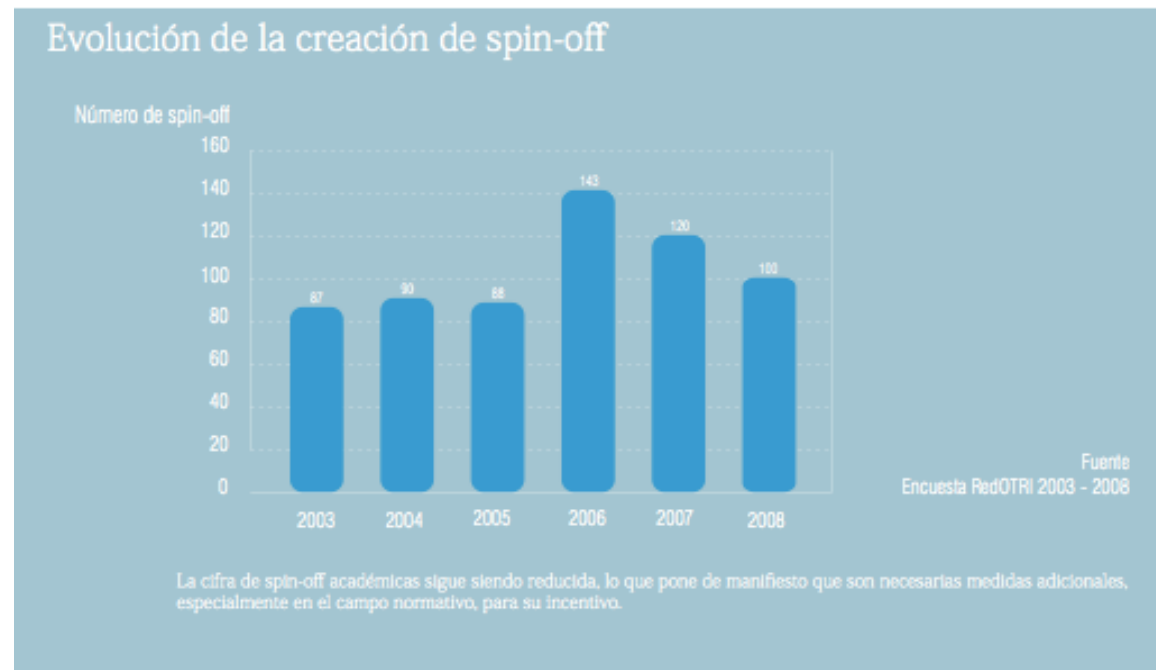
RED OTRI WORKING GROUPS MAIN ACTIVITIES



- OTRI-Escuela (WG Training)
 - * Annual Training Plan, offer courses, practical trainings, internships for OTRI staff
- WG European Projects
 - * Publications, guidelines
- WG Indicators
 - * Survey RedOTRI
- WG Contracts
 - * Workshops, Guidebooks, models...
- WG Spin-off
 - Promote new firm creation, good practice, documentation...
- Ad-hoc Work Group on IPR Management

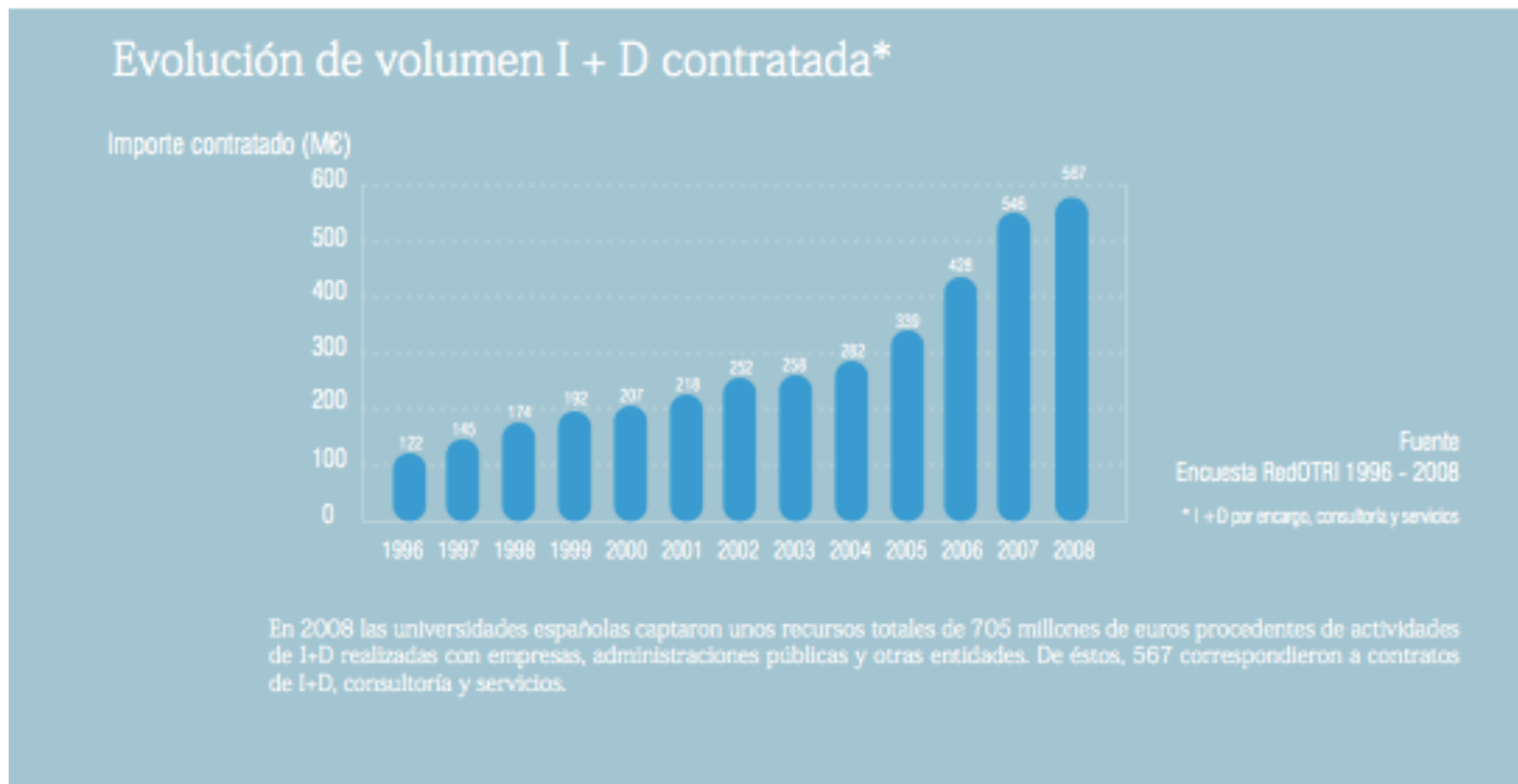
Spanish OTRIs (2008)

- ✓ € 705 M from firms and other sources;
- ✓ € 567 M from R&D contracts, consultancy & technical assistance;
- ✓ 218 national patents granted;
- ✓ 165 PCT;
- ✓ 100 spin-offs created.



[Source: RedOTRI Memoria 2009]

Results 2008 – R&D Contracts:



[Source: RedOTRI Memoria 2009]

Results 2008 – National patent and PCT applications:



[Source: RedOTRI Memoria 2009]

Results 2008 – Licences:



[Source: RedOTRI Memoria 2009]

Regional Initiative – example of the Autonomous Community of Valencia
(Spain)

NETWORK OF VALENCIAN UNIVERSITIES FOR PROMOTION OF RESEARCH, DEVELOPMENT AND INNOVATION - RUVID



Network of Valencian Universities for promotion of Research, Development and innovation (RUVID)

- created in 2001, through a collaboration agreement among the 5 Valencian public Universities
- with a view to establishing a common position of all universities as stakeholders in the Science-Technology-Enterprise system in the Region of Valencia
- 2003 RUVID was established as a non-profit Association
- Members today: 7 Universities of Valencia

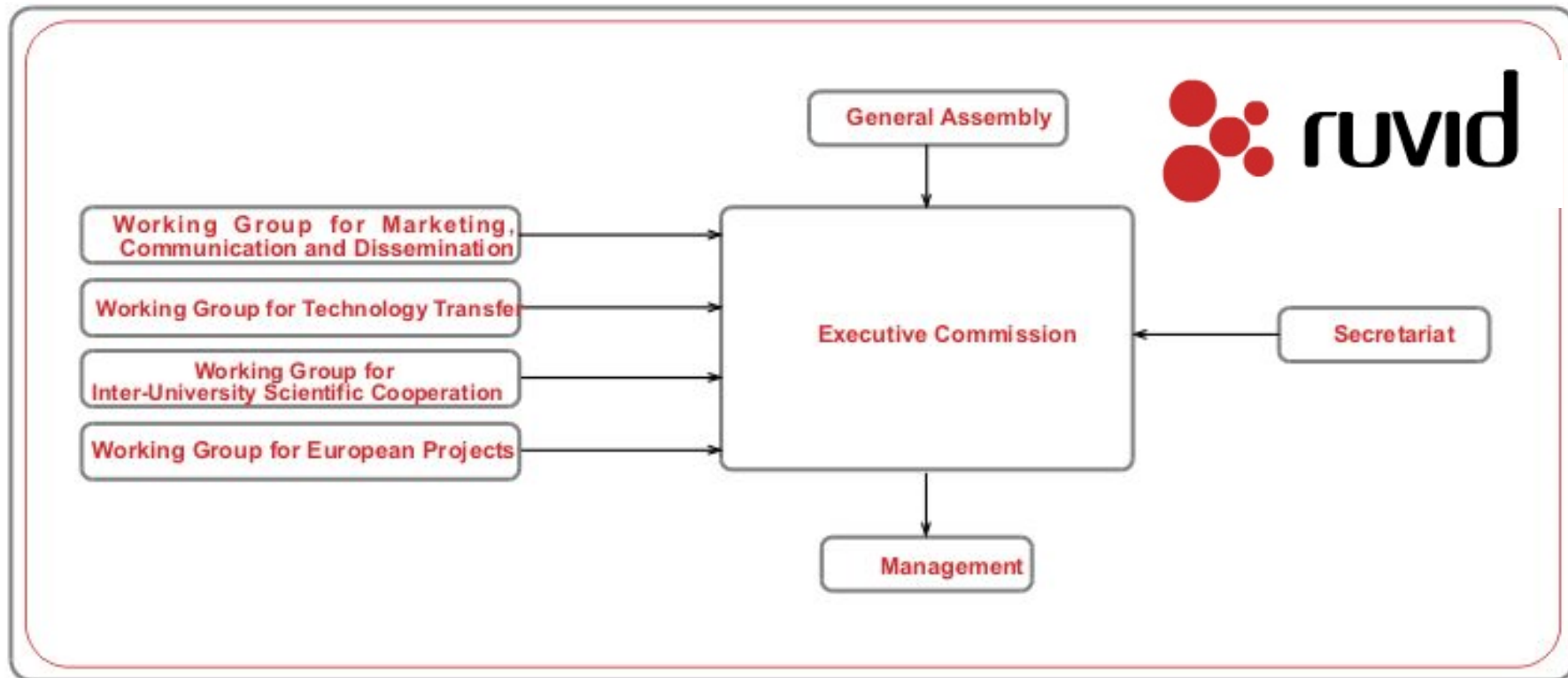
Ruvid Objectives



- Promote research and development activities in Spanish Universities
- Contribute to increasing competitiveness of regional enterprises in national and international markets through technology transfer
- Promote scientific cooperation among research groups of the universities within the RUVID network
- Facilitate the participation of the research groups in Valencian universities in national and European research funding programmes
- Assist in the harmonisation of R&D policies and management practices in valencian Universities
- Stimulate the dissemination of information about science and technology in the society Valencian Community

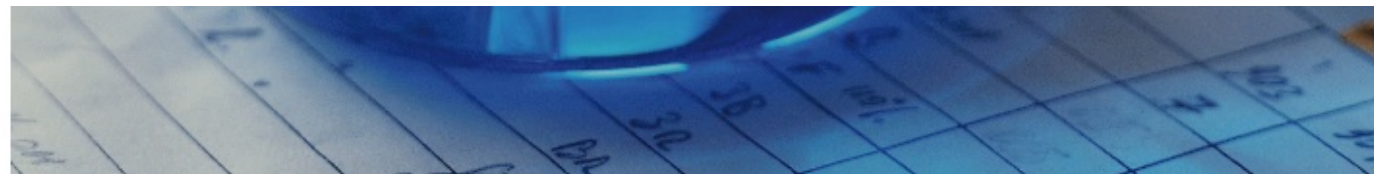


Structure and Organisation





- R&D News and Events organisation
- Brokerage of Offer and Demand in the Region
- Grants, vacancies and mobility



The screenshot shows the Ruvid website homepage. At the top, there is a red navigation bar with the following menu items: "Who we are", "R&D System", "Documents", "Dissemination", "Press room", and "InfoRUVID". Below the navigation bar, there is a sidebar on the left with a home icon, language flags (Spanish, Catalan, English), and an RSS icon. The sidebar contains a "PRESENT" section with links to "R&D NEWS" and "EVENTS", followed by sections for "SCIENTIFIC-TECHNICAL OFFER", "ACADEMIA-INDUSTRY", "GRANTS AND VACANCIES", and "MOBILITY CENTRE". At the bottom of the sidebar is a search bar with the text "Busque en esta web" and a "Google Custom Search" button. The main content area features the heading "mobility centre" and a brief introduction: "RUVID is the Researcher's Mobility Centre in Valencian Region. In collaboration with the different mobility support services of the seven Valencian universities, RUVID offers information and advising to the foreign researchers who moving to our Region to develop their projects. Also, through the offices of Tthe European Network of Mobility Centres, RUVID offers assistance to the Valencian researchers moving to other European Research Centres." Below the text are six featured services, each with a small image and a title: "Grants and research vacancies", "Documents and links", "Mobility support services", "The European Researcher's Mobility Portal", "Practical guide for foreign researcher", and "Contact Information". The "Contact Information" service includes the "EUROACCESS" logo with the tagline "RESEARCHERS IN MOTION".

European Network for Technology Transfer

http://www.enterprise-europe-network.ec.europa.eu/index_en.htm

ENTERPRISE EUROPE NETWORK

What is the Enterprise Europe Network?



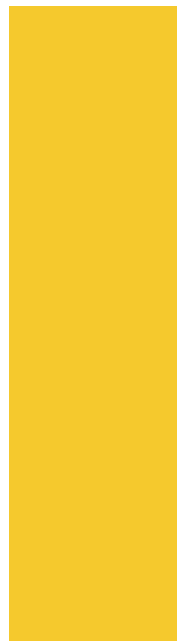
- Objective: improve competitiveness of EU companies, fostering internationalisation, innovation and scientific cooperation
- “one-stop shop” to meet all the information needs of companies in Europe (i.e. Technology Markets in 17 key sectors – publishing offers and demands)
- Integrating different actors:
Universities, Research Institutes, Businesses



Services offered:

- ✓ Internationalisation
- ✓ Technology Transfer
- ✓ Access to finance
- ✓ Research funding
- ✓ Law and regulations
- ✓ Intellectual Property

Organisation of Brokerage Events



ENTERPRISE EUROPE NETWORK – MEMBERS



- Presence in 49 countries:
 - EU27, European Economic Area (Norway, Iceland)
 - 22 non-EU countries (Israel, China, Ukraine...)
- > 700 organizations involved in the Network
 - mix of regional chambers of commerce and industry
 - technology and innovation agencies
 - Business sector associations
 - Universities





Kiev

Contact points in this city:

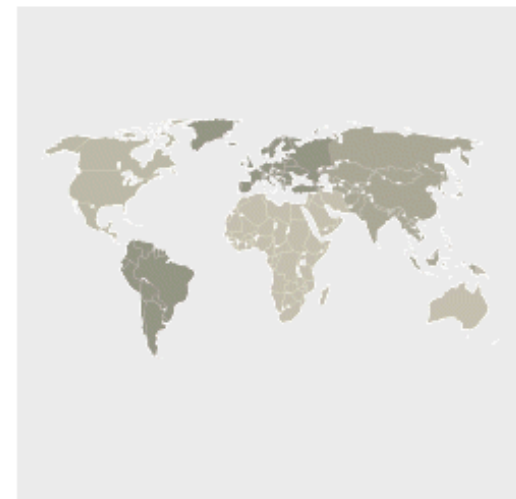
- ▶ State Committee of Ukraine for Regulatory Policy and entrepreneur...
- ▶ State Enterprise "Information Resource Centre" - SIRC
- ▶ Ukrainian Chamber of Commerce and Industry - UCCI
- ▶ Institute of Physics of National Academy of Science of Ukraine - ...
- ▶ New International Corporation - NIC
- ▶ Interregional Centre for investments and Development - ICID
- ▶ Kiev National University of Technology and Design - KNUTD
- ▶ Taras Shevchenko National University of Kyiv - KNU

Members' corner

Username: *

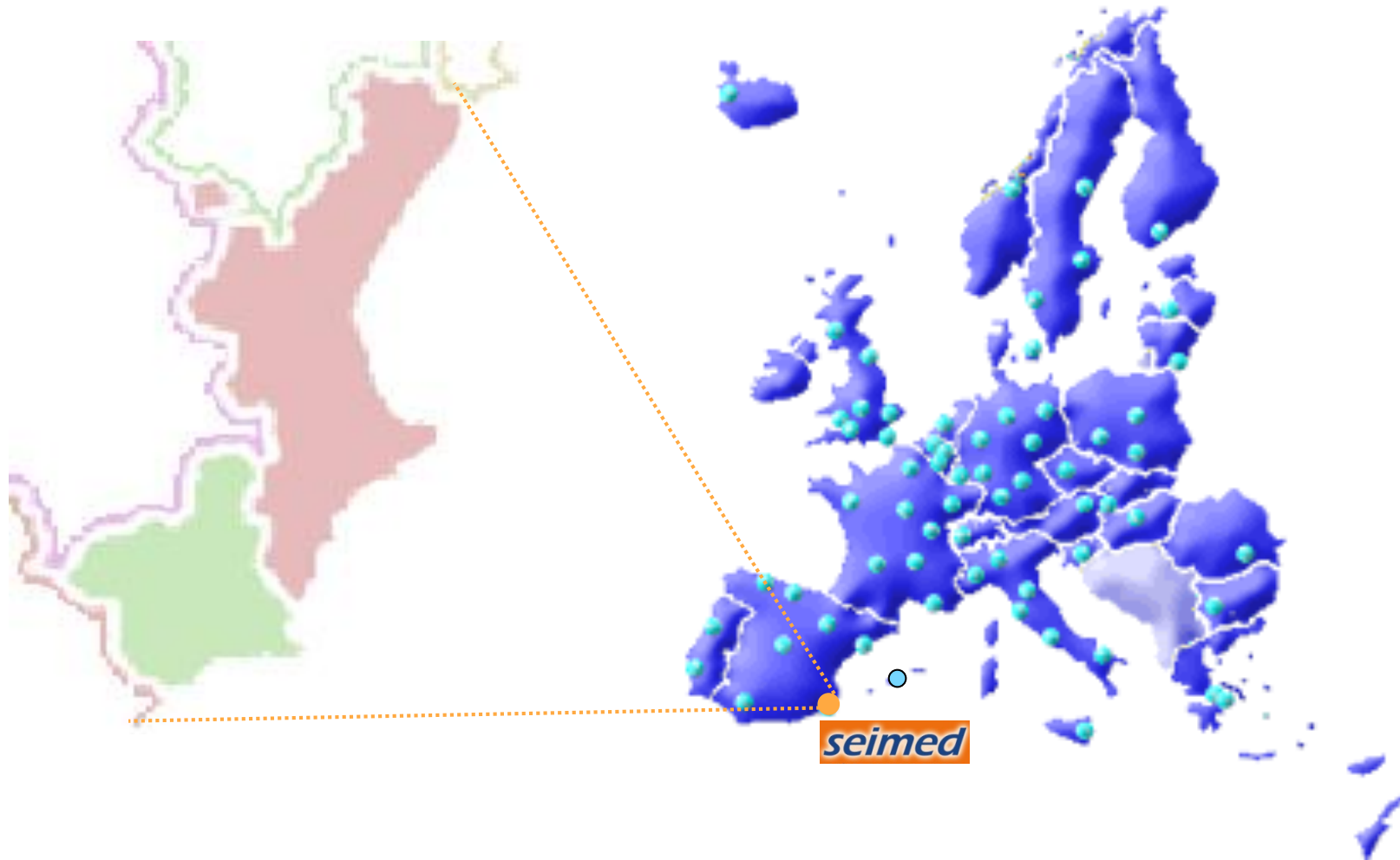
Password: *

Find your local contact point



Find the Enterprise Europe
Network contact point closest to

UNIVERSITY OF ALICANTE PART REGIONAL CONTACT POINT- SEIMED



Contact Point Region Valencia & Murcia: Seimed



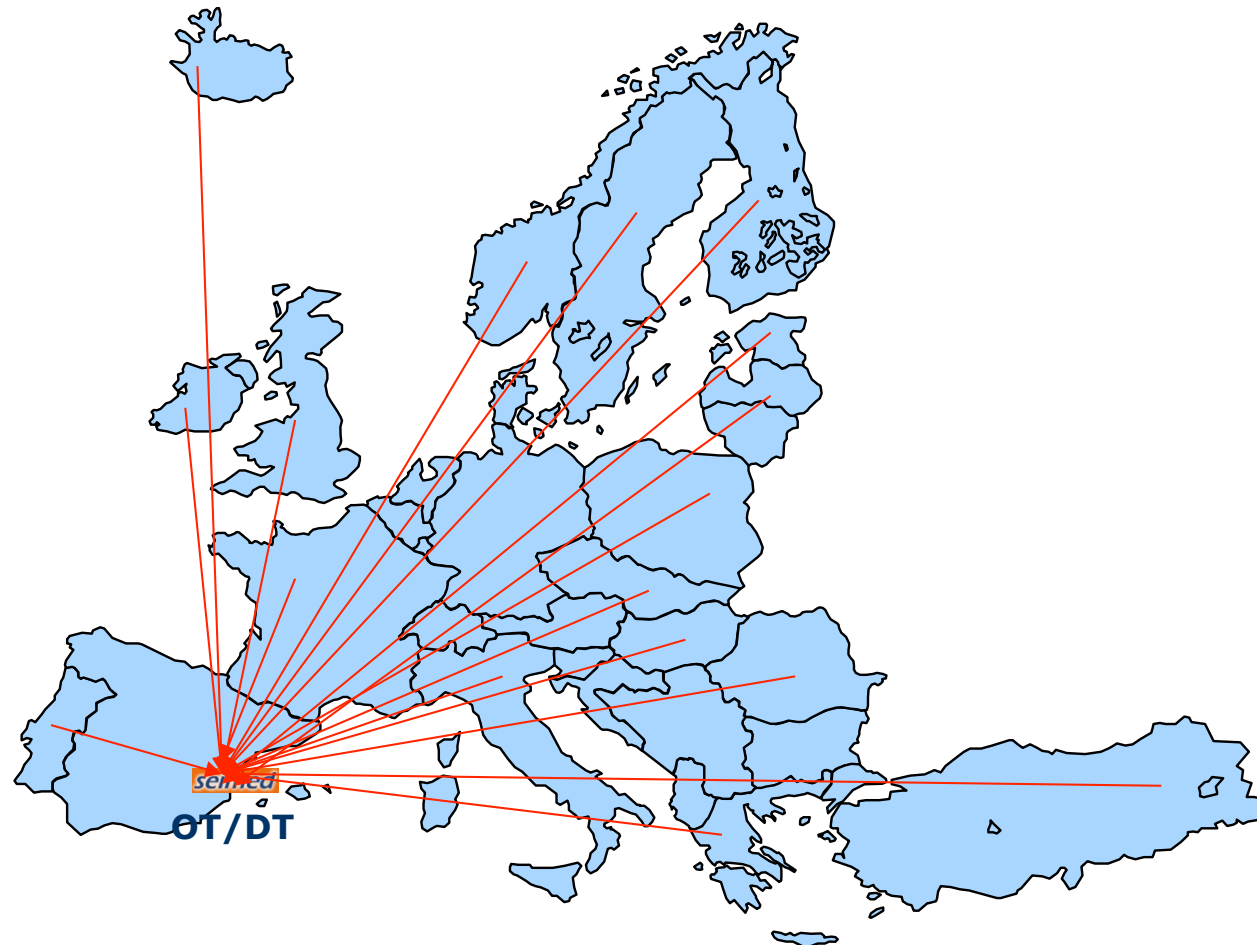
- Promoting trans-national Technology Transfer (connecting Offer and Demand)
- Promote access to european R&D programmes and funding
- Offer information and advice in political relations and businiess opportunities in Europe

Main Activities: University of Alicante as Seimed partner



- Information and search of **news related to Research, Development and Technology** in Europe
- Detection and dissemination of local **technology offer and demand** within the network member countries
 - Visits to enterprises (demand) / University research groups (offer), analysis and dissemination among network databases
- Organization and participation in **Brokerage Events**
- Advice on issues related to R&D cooperation: **negotiation, intellectual property and funding**
- Promoting participation of enterprises in **European competitive funding** programmes (FP 7), advice and partner search for projects

DETECTION AND DISSEMINATION OF LOCAL TECHNOLOGY OFFER AND DEMAND

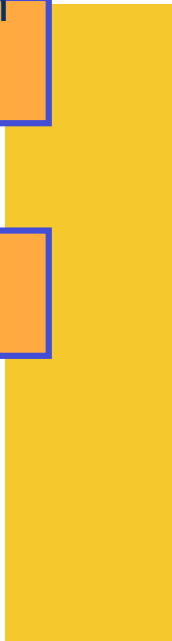


OT/DT Network

SPAIN Contact
Points (SEIMED)

Partners of each
Contact Point
(UA)

Clients (Unis,
firms)





European Network for Technology Transfer

OTHER NETWORKS: ASTP, PROTON

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ProTon Europe - *European Knowledge Transfer Association*

www.protoneurope.org

- ✓ Created in 2003 by the European Commission
- ✓ Self supporting since 2007

- ✓ It organises training courses about all KT issues
- ✓ Annual Conference (networking)
- ✓ Library (incl. publications that have been useful for institutions – good practices)

Annual Conference 2011: 28-30 Sept, Rome (IT)

'The role of networks in knowledge transfer from public research organizations'



ASTP
Association of European Science
& Technology Transfer Professionals

Home Organisation Events Membership Sponsoring Professional development Restricted Membership Area Contact us

LOGIN

Username

home

The initiative of a multinational group of professionals to meet and share experiences on a regular basis resulted in the establishment of the non-profit Association of European Science & Technology Transfer

ASTP EVENTS

14 - 16 September 2011
Ljubljana, Slovenia
ASTP training courses





- **What is ASTP**

The initiative of a multinational group of professionals to meet and share experiences on a regular basis resulted in the establishment of the non-profit Association of European Science & Technology Transfer Professionals. 600 members, covering 41 countries.

What ASTP does

organises meetings, Annual Conference in during spring, one Annual Seminar, Training Courses, Workshops, Site Visits, Executive

- **Mission of ASTP**

The mission of ASTP is to professionalize and promote technology and knowledge transfer between the European science base and industry.





Thank you!

