How to Embed Social Impact of Research in URV and its Region

Approach, initial steps and looking ahead

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Specialization in socioeconomic sectors competitive worldwide

- **TOURISM**
- **AGRO-FOOD**
- **CULTURAL HERITAGE**
- **WINEMAKING**
- **ENERGY PRODUCTION**
- **CHEMICAL INDUSTRY**

- The URV has got a big impact in the economic, social and cultural life of the region: **Evolution towards a region of knowledge.**
Tarragona – NUTS 3 region with specific strengths

- 10.7% Population (800,000)
- 10.4% GDP (20,674 M€)
- 19.1% Cultural heritage
- 50% Chemical industry
- 91% Energy production
- 25% Tourist activity
- 60% Wine D.O.

Related to Catalonia

- Ebro’s delta, Tarragona’s Harbour, Reus Airport, Tarraco World Heritage, 1/3 of nuclear plants in Spain, biggest oil refinery and petrochemical complex in Spain, Port Aventura …
URV profile

- Young university, created in 1991
- Comprehensive
- Globally competitive and locally engaged
- Research intensive
- Adaptable learning environments
- Relevant internationalization

“to place knowledge at the service of society so as to contribute to the social and economic development of its environment”
THE URV IN FIGURES

11,500 Bachelor Students 2015/16

2,476 Master's and PhD Students 2015/16

27% International Students

657 Teaching and Research Staff 2015

381 Part Time Instructors (FTE) 2015

1,224 WOS/SCOPUS Publications 2015

3,941 Lifelong Learning Students 2015

242 Theses 2015/16

348 Research Staff 2015

687 Administration and Services Staff 2015

€100.7M Budget 2016

THE URV IN WORLD RANKINGS

Academic Ranking of World Universities

2016

401-500

THE World University Rankings

2016-17

401-500

CWTS Leiden Ranking

Top 50% 2016

277

THE World University Rankings

2017 Top 100

Young

2017

76
URV in Southern Catalonia Region

6 Campuses in 5 cities
5 Research Institutions
4 technology centres URV attached
13 Knowledge antennas – Extended campus
1\textsuperscript{st} Strategic Research plan (2001)

...Define major areas of research considering the internal potential, and the future vision of social needs...

- Horizontal and vertical support: Strategic areas
- Research and Academic Staff commitment agreement (2004); Active researcher (2005),
- Strong support to PhD students, Doctoral school (2003)
- Teaching and research alignment

Third Mission Strategic plan (2009)

... so as to contribute to the social and economic development of our environment
Strategic Internationalisation Plans (2009, 2014)

Objective 1:
Political level
To internationalize the university and promote a culture of internationalization within the university.

Objective 2:
Research level
To increase the international impact of the URV’s research activities.

Objective 3:
Academic level
To internationalize the URV’s teaching programmes and make them more competitive.

Objective 4:
Socio-cultural level
To contribute to the internationalization of the region and increase its international visibility.
Building of a Campus of International Excellence

The URV and the Southern Catalonia region have set in motion all the elements to develop a regional strategy for smart specialisation.

The diagram outlines the timeline and initiatives for building a campus of international excellence in Southern Catalonia.
Building of a Region of Knowledge

EXTENDED CAMPUS: KNOWLEDGE AND INNOVATION ANTENNAS

17 KNOWLEDGE AND INNOVATION ANTENNAS IN 13 MUNICIPALITIES

TARRAGONA OFFICE, KNOWLEDGE REGION

TARRAGONA OFFICE KNOWLEDGE REGION

Funds for research and development

FROM EUROPE
FROM SPAIN
FROM CATALONIA

* Joint initiative with Tarragona County Council

CADEA
CHAMBER OF COMMERCE, INDUSTRY AND NAVIGATION OF TARRAGONA

CHAMBER OF COMMERCE, INDUSTRY AND NAVIGATION OF VALENCIA

NATIONAL WORKERS' COMMITTEE OF CATALONIA

GENERAL UNION OF WORKERS

FARMERS' UNION OF CATALONIA

CONFEDERATION OF BUSINESSES OF THE PROVINCE OF TARRAGONA

PIMEC, SMALL AND MEDIUM BUSINESSES OF CATALONIA

PORT OF TARRAGONA

UNIVERSITAT ROVIRA I VIRGILI (COORDINATOR)
Achievements: the emergence of RIS3 in Southern Catalonia

PECT Specialisation and territorial competitiveness projects
- **PECT EbreBiosfera.** 4 counties. Leader: County of Baix Ebre
- **PECT Turisme.** Leader: Provincial Council (Tarragona)
- **PECT Priorat.** Leader: County of Priorat
- **PECT NUTRISALT.** Leader: Reus

**Axis 4 (low carbon economy)**
- **Biomass.** Leader: Provincial Council (Tarragona).
- **Efficiency in Public Lighting.** Leader: County of Montsià

**Axis 6 (Cultural heritage-Turism)**
- **Ebre i GR99.** Leader: County of La Ribera d’Ebre
- **Terra Alta.** Leader: County of Terra Alta
- **Valls.** Leader: City of Valls
- **Alt Camp.** Leader: County of Alt Camp
- **Escornalbou.** Leader: Provincial Council
- **Vila-seca.** Leader: City of Vila-seca
URV and its social impact

The URV impact in the region (2002)

The Power of Ideas
URV impacts on society (2012)

URV contribution to society is approached from three perspectives:

- Economic impact.
- Strategic tool for regional change.
- Higher education and research benefits resulting from the dissemination of knowledge and circulation of ideas.
URV is an international benchmark in regional engagement

European Commission (2014). The role of Universities and Research Organisations as drivers for Smart Specialisation at regional level. Brussels, Comisión Europea, página 34


OCDE (2010). Higher Education in Regional and City Development. Lombardy, Italy. París. OCDE, páginas 105 y 183-185
1. Strategy, Value, Social impact of research and innovation

2. People working in R+I

3. Organization

4. Infrastructures and resources

5. Quality, evaluation and recognition

II Research and Innovation Strategic Plan

Senate URV, June 2017
To maximize the academic, social, economic and cultural impact of the URV through actions in research and innovation based on scientific excellence, which must contribute to solving the challenges of society and to strengthen productive sectors of territorial specialization.
URV APPROACH FOR FOSTERING SOCIAL IMPACT OF RESEARCH

Create an institutional environment conducive to the social impact of research

Develop new capabilities and culture among researchers and research teams

Activate new relationships and engines that involve citizens, public and private actors
URV INITIAL STEPS FOR A CONSCIOUS DEVELOPMENT OF THE SOCIAL IMPACT OF RESEARCH

Create an institutional environment conducive to the social impact of research

UNIVERSITAT ROVIRA I VIRGILI

Awareness  Recognition  Strategy
URV INITIAL STEPS FOR A CONSCIOUS DEVELOPMENT OF THE SOCIAL IMPACT OF RESEARCH

Develop new capabilities and culture among researchers and research teams

Expertise in Social Impact of Research

Building knowledge and training on SIR

URV Community of SIR learners and developers

IMPACT-EV
Evaluating the impact and outcomes of European SSH research (2014-2017)
URV NEXT STEPS TO FOSTER SOCIAL IMPACT OF RESEARCH

- Institution
- Researchers
- Citizens, public and private actors

URV GLOCAL SOLUTIONS REPORT

SKILLS FOR SIR
SIR NARRATIVES
SIR CASES

NEW SOCIAL ENGINES
Multi-stakeholder cooperative, self-sustaining and responsive co-creation ecosystems for science-society integration
BUILDING ADVANCED ENGINES for Integrating Science and Society to Face Glocal Challenges

The key roles of Universities and Regions and Leaders

Partnership exploration for ERASMUS+ or.....

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Thank you for your kind attention