RIS3 ANDALUCÍA: THE EXPERIENCE OF THE AGENCY OF INNOVATION AND DEVELOPMENT OF ANDALUSIA IDEA

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Innovation, Programmes and Advanced Services Unit
Sevilla, 21th November 2016
ANDALUSIA IN THE WORLD

- Region of Borders
- Highly Urbanized
- Large Cultural and Natural Heritage
## ANDALUCIA: A “REGION COUNTRY”

- 2nd largest region in Europe
- The most populated region in Spain
- EU member and access area to Africa and Latin America

### Country/region & Km²

<table>
<thead>
<tr>
<th>Country/region</th>
<th>Km²</th>
</tr>
</thead>
<tbody>
<tr>
<td>Hungary</td>
<td>93.011</td>
</tr>
<tr>
<td>Portugal</td>
<td>92.226</td>
</tr>
<tr>
<td><strong>Andalusia</strong></td>
<td><strong>87.597</strong></td>
</tr>
<tr>
<td>Austria</td>
<td>83.879</td>
</tr>
<tr>
<td>Czech Rep.</td>
<td>78.868</td>
</tr>
<tr>
<td>BENELUX</td>
<td>74.657</td>
</tr>
<tr>
<td><strong>Chile</strong></td>
<td><strong>756.102</strong></td>
</tr>
</tbody>
</table>

### Country/region & Inhabitants

<table>
<thead>
<tr>
<th>Country/region</th>
<th>Inhabitants</th>
</tr>
</thead>
<tbody>
<tr>
<td>Portugal</td>
<td>10.374.822</td>
</tr>
<tr>
<td>Sweden</td>
<td>9.747.355</td>
</tr>
<tr>
<td>Austria</td>
<td>8.576.261</td>
</tr>
<tr>
<td><strong>Andalusia</strong></td>
<td><strong>8.399.043</strong></td>
</tr>
<tr>
<td>Bulgaria</td>
<td>7.202.198</td>
</tr>
<tr>
<td><strong>Chile</strong></td>
<td><strong>17.772.871</strong></td>
</tr>
</tbody>
</table>

Sources: EU country profile, INE 2015  
Ficha país Chile 2015, ICEX
ECONOMIC FEATURES

GDP pc (2015): 17,263 €

489,347 Enterprises (2015)

Qualified Working Population 87,6%, 31% of them with Higher Education
ADVANCED INFRASTRUCTURES

5 international airports
Malaga Airport ranks as the 4th busiest airport in Spain

10 commercial ports
100 Million tonnes of goods/year

Major rail network with high speed trains
connecting Andalusia with the main cities in Spain

Extensive network of motorways (2,800 km)
AGENTS OF ANDALUSIAN INNOVATION SYSTEM

10 Universities
9 Business Schools
300 Vocational Training Centres
245,875 University Students
34,200 Graduates
2,000 Research Groups
18,000 Researchers

Qualified Agents of Knowledge 36
Center of creation and consolidation for
Technological Based Enterprises 6
Innovation and Technological Center 10
Research Institutes and Centers 3
Technological Centers 18
Advance Technological Centers 6
Entities for Transfer and Knowledge 37
Scientific and Technological Parks 11
Entrepreneurial Innovation Parks 5
### R&D INVESTMENTS IN ANDALUSIA 2008-2014

<table>
<thead>
<tr>
<th>Year</th>
<th>Total spending R&amp;D / GDP</th>
<th>Private sector %</th>
</tr>
</thead>
<tbody>
<tr>
<td>2014</td>
<td>1.03%</td>
<td>36.3%</td>
</tr>
</tbody>
</table>

The region has made a great effort to overcome its R&D performance in the middle of the crisis period, thanks to the business sector performance.

- **527 patent applications in 2014** (22% increase)
- **2nd region at the Spanish regions ranking**

**R&D INVESTMENTS IN ANDALUSIA 2008-2014**

- **813 employments for researchers** were created at Andalusian companies, meanwhile 2,000 positions were lost at national level.
- **During the crisis period, 2008-2014,** Andalusia moved from 9th to 5th position within the Spanish regions R&D ranking, thanks to the business sector performance.
- **Even though Andalusia lost 954 innovative companies during the crisis,** the innovation intensity grew by 21%.

Source: Informe COTEC 2016

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**Agency of Innovation and Development of Andalucia IDEA**

**ANDALUSIAN MINISTRY OF EMPLOYMENT, ENTERPRISE AND COMMERCE**

**European Union**

**European Regional Development Fund**
ANDALUSIAN REGIONAL GOVERNMENT

AGENCY OF INNOVATION AND DEVELOPMENT OF ANDALUSIA IDEA
The Agency IDEA, established in 1987 aiming at contributing in an efficient and effective way to settle an innovating environment, creating opportunities for Andalusian companies and fostering the creation of competitive companies for wealth creation in Andalusia.

These are our main challenges:

- Foster Innovation and Sustainability
- Develop Business
- Provide Infrastructures and Productive Sites
- Attract capital and investing in Strategic Investments
- Improve internationalization of Andalusian companies
- Territorial development

Nearly 300 professionals available for Andalusian companies with locations at the 8 Andalusian provinces and presence at business spaces all over the region.
**SGA 2007-2014: Incentives**
- 7,330 operations
- 1,740 M€
- 34,279 employment created

**Reimburseable Funds**
- Total: 1,192 M€
  - Jeremie: 343 M€

**Intermediary body for Andalusia Global ERDF Grant (SGA) since 1991**
- SGA 2014-2020: 617,3 M€
- Objectives 1, 2, 3

**ENTERPRISE EUROPE NETWORK - CESEAND COSME - H2020 - ERANETS**
- TERRITORIAL COOPERATION
Outcomes: advanced services portfolio available to support innovation and development through intangible assets

<table>
<thead>
<tr>
<th>INDUSTRIAL PROPERTY</th>
<th>R&amp;D+I FUNDING INFORMATION &amp; ADVICE</th>
<th>COOPERATION &amp; TRANSFER</th>
<th>TECHNOLOGY FORESIGHT</th>
</tr>
</thead>
<tbody>
<tr>
<td>Advice</td>
<td>National &amp; Intl. Funding Programs Advice</td>
<td>Opportunities Diffusion</td>
<td>Customized company reports</td>
</tr>
<tr>
<td>Management</td>
<td>Partners Search</td>
<td>Tech offers &amp; Demands</td>
<td>Reports for Clusters &amp; Sectors</td>
</tr>
<tr>
<td>Ad-hoc Reports</td>
<td>R&amp;D+I Information &amp; Advice</td>
<td>Partners Search</td>
<td>Tech Foresight Studies</td>
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IDEA AGENCY: KEY REGIONAL ACTOR

IDEA Agency leads the Task Force that has coordinated design and implementation of:

RIS3 Andalusia, Andalusian Innovation Strategy 2020

Industrial Strategy of Andalusia 2020

IDEA Agency, as Intermediary Body of Andalusia ERDF Global Grant for Objectives 1, 2 and 3, has actively participated in the design of the Andalusian ERDF OP (2014-2020) led by the European Funds General Directorate of Andalusian Government (ministry of Economy and Knowledge)
What is and why for RIS3Andalucía?

Strategy based on the identification of specific assets and characteristics of each country or region, underlining territorial competitive advantages with respect to other regions, in a process of prioritisation which brings and involves all the players together with innovation and the available resources to form a vision of the future which seeks the objectives of excellence and competitiveness.

- It is an ex-ante condition to receive EU funds
- It coincides with the Andalusian Regional Government’s planning process
- It is an opportunity to reflect on the results achieved and to lay down new R&D&I and ICT strategies
- It is an opportunity to open up the process of reflection and participation to the private sector
IDEA Agency as Technical Secretariat coordinates the Entrepreneurial Discovery Process.

Following the European Commission methodology.

IDEA Agency Director General chairing the Steering Committee.

Process of Intensive Interrelation among agents.
A NEW GOVERNANCE

Collaborative leadership

Economic Policy Commission
Political Leadership

Steering Committee
Steering Group

Reference Group
Mirror Group (11)

Technical Team
Management Team

Experts Group
Working Group 70

Business sector (40)

Andalusian System of Knowledge (30)

Large Enterprises
SMEs
Entrepreneurs
Social economy

Universities
Technology Centers
Media
Consumers

Large Enterprises
SMEs
Entrepreneurs

Experience and professional career
(investment in innovating projects)

- Incentives envelope
- Jeremie Funds
- FP7
- Interconecta Andalucía

Entrepreneurial Discovery Process

Citizen Participation: Trade Unions, Consumers and ONGs included

Transparency and openness
Andalusia and the future

- Sustainable and efficient
- Social and person-centred
- Active and more enterprising
- Healthy and a guarantee of social well-being
- Advanced and more innovative
- Internal cohesion and open to the world
OBJECTIVES

12 Objectives

- R&D&I / GDP = 2%
- Private sector contribution to R&D&I: 50%
- 20% intensity of innovation in enterprises
- 20% researchers
- 2X 2 innovative enterprises
- 50% patents
- 50% GVA of medium and high-tech activities
  + 60% exports of medium and high-tech activities
- 100% high-speed broadband
- 40% companies in the online market
- 85% of the population using Internet regularly
- 40% population + 100 enterprises using e-administration regularly
<table>
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<th>Overseas projection</th>
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<tbody>
<tr>
<td>Immersion in innovative environments</td>
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<tr>
<td>Internationalisation of the generation of knowledge</td>
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<td>Internationalisation of companies</td>
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<tr>
<td>International cooperation projects</td>
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<tr>
<td>Capture of innovative companies</td>
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RIS3 ANDALUCÍA adopted by the Governing Board of the Andalusian Regional Government 24th February 2015

Presented by Andalusian Regional President: engagement at maximum level (04/03/2015)
Framework of support Instruments

RIS3 ANDALUCÍA

ANDALUSIAN INDUSTRIAL STRATEGY

ERDF
IDEA AGENCY FINANCIAL RESOURCES
EU FRAMEWORK 2014-2020

✓ R&D&i: 135,3 MM€
✓ ICT: 27,9 MM€
✓ INDUSTRIAL DEVELOPMENT: 448,8 MM€
✓ TECHNICAL ASSISTANCE: 5,3 MM€

617,3 M€
Adressed to ENTERPRISES SUPPORT

To promote the possibility of accompanying and supporting the environment of companies in all aspects: financial support for business investment, technological infrastructures, innovation spaces, advanced services, foresight, internationalization, clusters…
COMING SOON:

✓ R&D INCENTIVES SCHEME
✓ INDUSTRIAL DEVELOPMENT & EMPLOYMENT INCENTIVES SCHEME
✓ LOCALIZA –IN PROGRAMME
SYNERGIES and COLLABORATIONS
RIS3 ANDALUCÍA IMPLEMENTATION

Seville Declaration. Dual Use Technologies

https://ceseand.net/es/

http://www.agenciaidea.es/dualuseandalusia2015

Advance Manufacturing for Energy, 3D printing

Memorandum of Understanding

M-era.Net

Vanguard Initiative
New growth through smart specialisation
The case of DUAL USE STRATEGIES


Participating in European alliances, in the framework of RIS3 priorities, aiming at facilitate Andalusian companies integration into world-class clusters and international value chains
ANDALUSIA AT S3 PLATFORM

S3 SUBPLATFORMS

RIS3ENERGY SMART SPECIALISATION PLATFORM
LEADING: Network of European Regions on Energy Efficiency In Buildings

RIS3 AGRIFOOD SMART SPECIALISATION PLATFORM.
LEADING: Traceability based on Big Data and IoT in Agrifood

RIS3 Industrial Modernisation Specialisation Platform.
Participating at Vanguard Initiative. ADMA Pilot

PEERS REVIEWS & THEMATIC EVENTS

Outermost regions. June 2012
Transition Regions March 2015

Digital Agenda. 2013
Urban Development Network, Seville, January 2016

RIS3 and Universities, February 2013
SHARING ANDALUSIAN RIS3 EXPERIENCE with EUROPE AND WORLDWIDE regions, some examples

SWIETOKRZYSKIE POLISH AUTHORITIES, DECEMBER 2014, Study Visit

Norwegian Research Council September 2013

MAZOVIAN POLISH AUTHORITIES, March 2015

EASTERN NORWAY COUNTY NETWORK. February 2015

BULGARIAN authorities representatives. Ministry of Economy, OCTOBER 2015

BRAZIL AUTHORITIES Visit, November 2015

TAIEX REGIO PEER2PEER STUDY VISIT, JULY 2016
Lithuanian representatives Ministry of Education and Science
ForoADR: Iberoamerican collaboration

Iberoam Group Platform. Created in 2013
Agreement with Spanish Agencies of Regional Development
To collaborate and exchange information on regional development and SMEs support programs, managing and attracting funds to finance common activities

CampusIberoam.Academy
TRAINING – ACTION PLATFORM
For public practitioners involved with territorial development, designing and implementing public policies for entrepreneurs and SMEs
# Conclusions: 2014-2020

**a new way of Regional Planning and Policy design**

<table>
<thead>
<tr>
<th>Good Administration</th>
<th>Good Governance</th>
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<tbody>
<tr>
<td><strong>Collaborative leadership:</strong> “Codecision”</td>
<td><strong>Transparency</strong></td>
</tr>
<tr>
<td><strong>Several administrations working together. Coordination</strong></td>
<td><strong>Monitoring and Evaluation</strong></td>
</tr>
<tr>
<td>Smart Specialisation: prioritisation</td>
<td><strong>Compliance: Control and Audit</strong></td>
</tr>
<tr>
<td><strong>Entrepreneurial Discovery Process</strong></td>
<td><strong>Alliances and Platforms</strong></td>
</tr>
<tr>
<td>Synergies among resources coming from multi-governance levels</td>
<td><strong>Outward looking perspective:</strong> regional cooperation and global value chain approach</td>
</tr>
<tr>
<td><strong>Networking and regional cooperation</strong></td>
<td><strong>Methodology and Accompaniment from JRC (EC) through S3 Platform</strong></td>
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**European Union**

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**Agency of Innovation and Development of Andalucía IDEA**

**ANDALUSIAN MINISTRY OF EMPLOYMENT, ENTERPRISE AND COMMERCE**
Thank you!

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