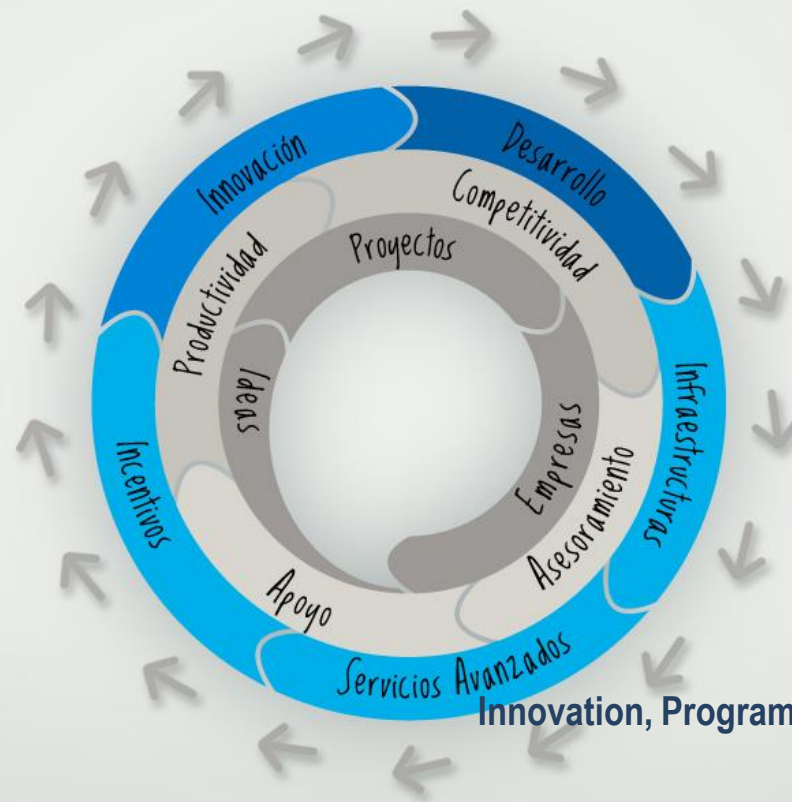


# RIS3 ANDALUCÍA: THE EXPERIENCE OF THE AGENCY OF INNOVATION AND DEVELOPMENT OF ANDALUSIA *IDEA*



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Innovation, Programmes and Advanced Services Unit  
Sevilla, 21<sup>th</sup> November 2016

# ANDALUSIA IN THE WORLD

- Region of Borders
- Highly Urbanized
- Large Cultural and Natural Heritage



Agency of Innovation and Development of Andalucía IDEA  
ANDALUSIAN MINISTRY OF EMPLOYMENT, ENTERPRISE AND COMMERCE

# ANDALUCIA: A “REGION COUNTRY”

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

Country/region	Km <sup>2</sup>
Hungary	93.011
Portugal	92.226
<b>Andalusia</b>	<b>87.597</b>
Austria	83.879
Czech Rep.	78.868
BENELUX	74.657
<b>Chile</b>	<b>756.102</b>



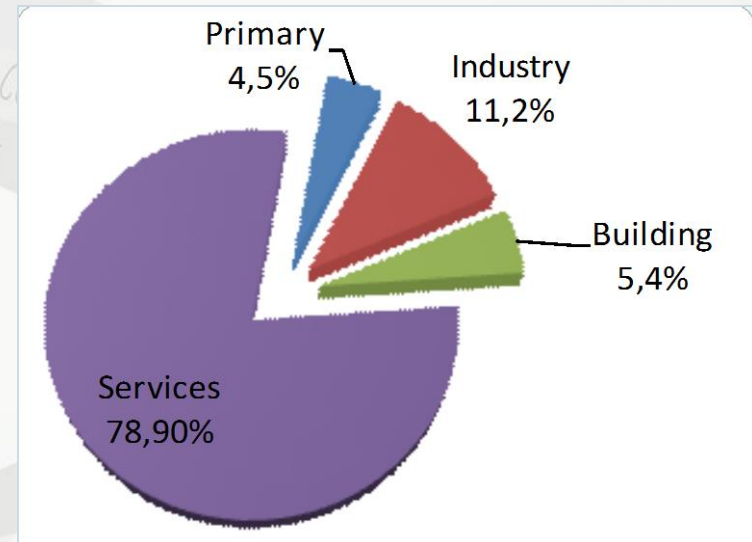
Country/region	Inhabitants
Portugal	10.374.822
Sweden	9.747.355
Austria	8.576.261
<b>Andalusia</b>	<b>8.399.043</b>
Bulgaria	7.202.198
<b>Chile</b>	<b>17.772.871</b>

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



## Major rail network with high speed trains

connecting Andalusia with the main cities in Spain



## 10 commercial ports

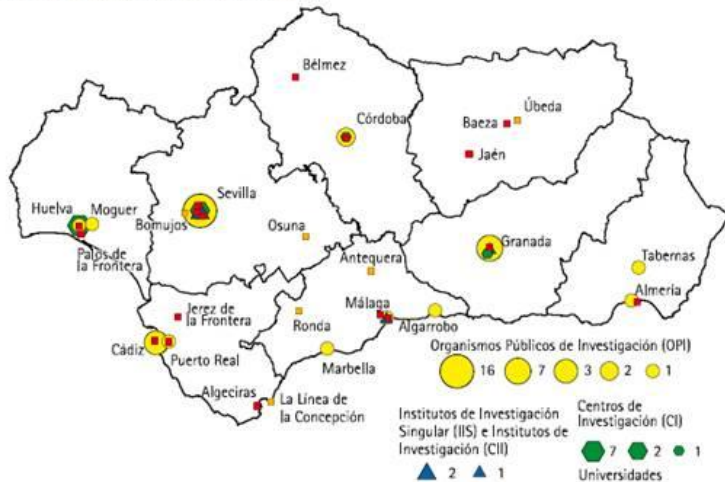
100 Million tonnes of goods/year



## Extensive network of motorways (2.800 km)

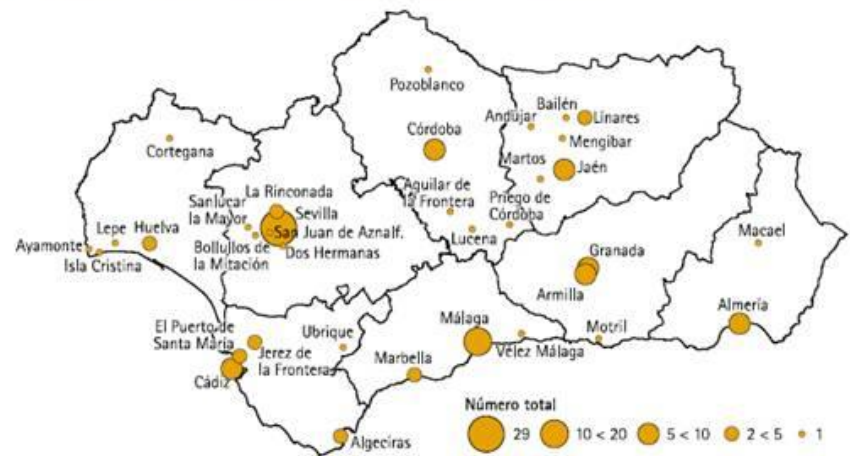
# AGENTS OF ANDALUSIAN INNOVATION SYSTEM

Entidades de generación de conocimiento



Fuente: Registro de Agentes del Conocimiento

Redes y estructuras que transfieren, adaptan y aplican el conocimiento



Fuente: Registro de Agentes del Conocimiento

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 y 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

**(2014) Total spending R&D / GDP 1,03%**

**Private sector 36,3 %**

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

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

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

813 employments for researchers were created at Andalusian companies, meanwhile 2.000 positions were lost at national level

Even though Andalusia lost 954 innovative companies during the crisis, the innovation intensity grew by 21%

Source: Informe COTEC 2016

# ANDALUSIAN REGIONAL GOVERNMENT



PRESIDENCY AND LOCAL  
ADMINISTRATION

JUSTICE AND INTERIOR

TREASURY AND PUBLIC  
ADMINISTRATION

ECONOMY AND KNOWLEDGE

PROMOTION AND HOUSING

EDUCATION

AGRICULTURE, FISHING AND RURAL  
DEVELOPMENT

CULTURE

EQUALITY AND SOCIAL POLICY

ENVIRONMENT AND LAND PLANNING

HEALTH

EMPLOYMENT, ENTERPRISE AND  
COMMERCE

TOURISM AND SPORT

AGENCY OF INNOVATION AND DEVELOPMENT OF ANDALUSIA IDEA



Agency of Innovation and Development of Andalucía IDEA  
ANDALUSIAN MINISTRY OF EMPLOYMENT, ENTERPRISE AND COMMERCE



# OUR AGENCY



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**



Agency of Innovation and Development of Andalusia IDEA  
ANDALUSIAN MINISTRY OF EMPLOYMENT, ENTERPRISE AND COMMERCE

# OUR AGENCY



Business Funding  
and Development

Infrastructures,  
Productive Spaces  
provision

Advanced Services  
for Innovation

Attraction of  
Investments

## SGA 2007-2014: Incentives

- ✓ 7.330 operations
- ✓ 1.740 M€
- ✓ 34.279 employment created

## Intermediary body for Andalusia Global

ERDF Grant (SGA) since 1991

**SGA 2014-2020: 617,3 M€**

**Objectives 1, 2, 3**

## Reimbursable Funds

- ✓ Total: 1,192 M€
  - ✓ Jeremie: 343 M€

ENTERPRISE EUROPE NETWORK - CESEAND  
COSME - H2020 - ERANETS  
TERRITORIAL COOPERATION

# OUR AGENCY

**Outcomes: advanced services portfolio available to support innovation and development through intangible assets**

INDUSTRIAL PROPERTY	R&D+I FUNDING INFORMATION & ADVICE	COOPERATION & TRANSFER	TECHNOLOGY FORESIGHT
Advice	National & Intl. Funding Programs Advice	Opportunities Diffusion	Customized company reports
Management	Partners Search	Tech offers & Demands	Reports for Clusters & Sectors
Ad-hoc Reports	R&D+I Information & Advice	Partners Search	Tech Foresight Studies

# 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**



**PROGRAMA OPERATIVO FEDER  
ANDALUCÍA 2014-2020**



**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)



Agency of Innovation and Development of Andalusia IDEA  
**ANDALUSIAN MINISTRY OF EMPLOYMENT, ENTERPRISE AND COMMERCE**



# 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



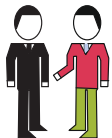
It is an ex-ante condition to receive EU funds



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



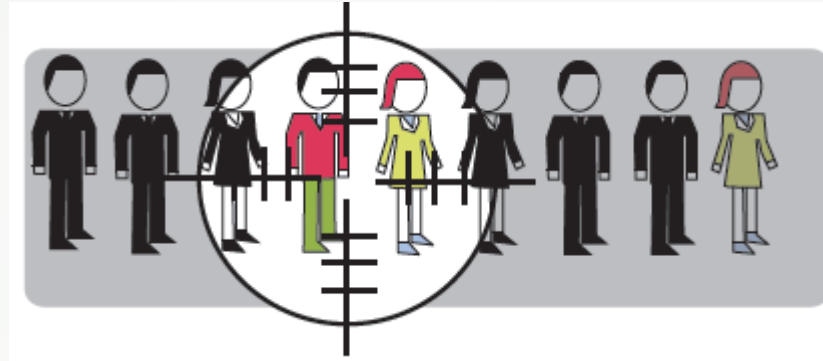
It is an opportunity to open up the process of reflection and participation to the private sector

# ANDALUSIAN INNOVATION STRATEGY RIS3 ANDALUCÍA



Following the European Commission methodology

IDEA Agency Director General chairing the Steering Committee

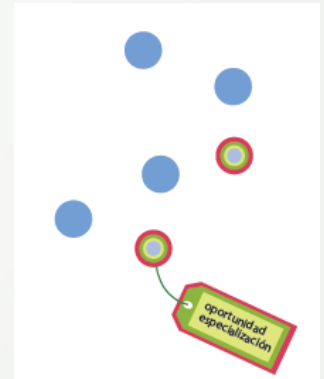


IDEA Agency as Technical Secretariat coordinates the Entrepreneurial Discovery Process



Process of Intensive Interrelation among agents

Entrepreneurial Discovering Workshops



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# A NEW GOVERNANCE



Collaborative  
leadership

**Economic Policy Commission**  
Political Leadership

**Steering Committee**  
Steering Group

**Reference Group**  
Mirror Group (11)

Large Enterprises  
SMEs  
Entrepreneurs

**Technical Team**  
Management Team

Experience and professional career  
(investment in innovating projects)

- Incentives envelope
- Jeremie Funds
- FP7
- Interconecta Andalucía

**Entrepreneurial  
Discovery  
Process**

**Experts Group**  
Working Group 70

**Business sector**  
(40)

Large Enterprises  
SMEs  
Entrepreneurs  
Social economy

**Andalusian System  
of Knowledge** (30)

Universities  
Technology Centers  
Media  
Consumers

**Citizen Participation: Trade Unions, Consumers and ONGs included**

**Transparency and openness**

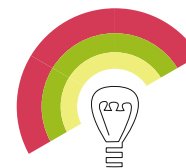
# VISION

**Social and  
person-  
centred**



**Active and  
more  
enterprising**

**Advanced and  
more innovative**



**Sustainable  
and efficient**



**Andalusia and the future**



**Healthy and a  
guarantee of  
social well-  
being**



**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
- ↑ X 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

# RIS3 ANDALUCÍA: PRIORITISATION



## Dimensions



EFFICIENT AND COMPETITIVE INDUSTRY



KEY ENABLING TECHNOLOGIES



INNOVATIVE SMES SOURCE OF EMPLOYMENT



OVERSEAS PROJECTION



EDUCATION, TALENT AND CREATIVE ENVIRONMENTS



SOCIAL INNOVATION



NETWORKING



INFRASTRUCTURES FOR COMPETITIVENESS AND EXCELLENCE

# POLICY MIX: Measures covering the axes

## Overseas projection



Immersion in innovative environments

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Internationalisation of the generation of knowledge

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Internationalisation of companies

---

International cooperation projects

---

Capture of innovative companies

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RIS3 ANDALUCIA adopted by the Governing Board of the Andalusian Regional Government 24<sup>th</sup> February 2015



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



# ANDALUSIAN INDUSTRIAL STRATEGY

RIS3Andalusia

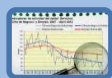
Dimensions-Axes



EFFICIENTE AND  
COMPETITIVE INDUSTRY



KETs



OVERSEAS PERSPECTIVE



SOCIAL INNOVATION



SMEs



NETWORKING



TALENT AND EDUCATION



INFRASTRUCTURES

Industrial Strategy of Andalusia

# Framework of support Instruments

**RIS3  
ANDALUCÍA**

**ANDALUSIAN  
INDUSTRIAL  
STRATEGY**

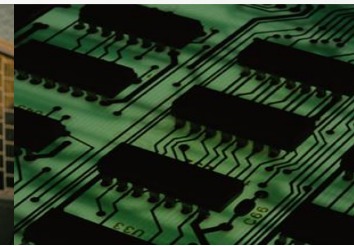
**ERDF**

# IDEA AGENCY FINANCIAL RESSOURCES

## EU FRAMEWORK 2014-2020

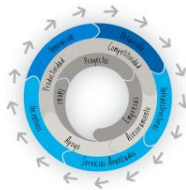
- ✓ R&D&i: 135,3 MM€
- ✓ ICT: 27,9 MM€
- ✓ INDUSTRIAL DEVELOPMENT: 448,8 MM€
- ✓ TECHNICAL ASSISTANCE: 5,3 MM€

**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...

# RIS3 ANDALUCÍA IMPLEMENTATION



COMING SOON:

- ✓ R&D INCENTIVES SCHEME
- ✓ INDUSTRIAL DEVELOPMENT & EMPLOYMENT INCENTIVES SCHEME
- ✓ LOCALIZA –IN PROGRAMME



ADVANCED MANUFACTURING CENTER  
Cádiz



# SYNERGIES and COLLABORATIONS

## RIS3 ANDALUCÍA IMPLEMENTATION



<https://ceseand.net/es/>



Memorandum of  
Understanding

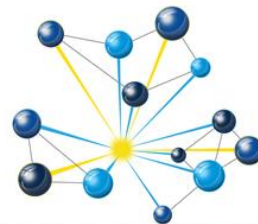


### Seville Declaration. Dual Use Technologies



<http://www.agenciaidea.es/dualuseandalusia2015>

Advance Manufacturing for  
Energy, 3D printing



**VANGUARD INITIATIVE**  
New growth through smart specialisation



European Union  
European Regional Development Fund



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# The case of DUAL USE STRATEGIES



Seminar 3/11/2016

<https://www.b2match.eu/dualuseandalucia2016>

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

## PEERS REVIEWS & THEMATIC EVENTS



Outermost regions.  
June 2012

Digital Agenda. 2013

RIS3 and Universities,  
February 2013

Transition Regions March 2015

Urban Development Network,  
Seville, January 2016

Creative Industries & Heritage.  
Rome, November 2016

## S3 SUBPLATFORMS



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

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

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



# SHARING ANDALUSIAN RIS3 EXPERIENCE

## with EUROPE AND WORLWIDE 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



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# 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



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# Conclusions: 2014-2020

## a new way of Regional Planning and Policy design

Good Administration

Collaborative leadership: “Codecision”

**Several administrations working together. Coordination**

Smart Specialisation: prioritisation

Entrepreneurial Discovery Process

Synergies among resources coming from multi-governance levels

**Networking and regional cooperation**

Good Governance

Transparency

Monitoring and Evaluation

Compliance: Control and Audit

**Alliances and Platforms**

**Outward looking perspective:  
regional cooperation and global  
value chain approach**

Methodology and Accompaniment  
from JRC (EC) through S3 Platform

# Thank you!

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