

# TECHNOLOGICAL CORPORATION OF ANDALUSIA (CTA)

Sevilla 10th November 2017

ADDS UP  
TO INNOVATION



# Background

CTA is a PPP (Public-Private Partnership)

Created in 2005 by the Andalusian Regional Ministry of Innovation, Science and Enterprise, as an instrument to:

- Create a joint collaborative platform to integrate Research Institutes, University Researchers, Innovative Companies, Banks, Saving Banks, Institutions, and Regional Government ( Junta de Andalucía)
- Identify knowledge and technology capabilities and requirements from companies and research groups
- Promote and fund R&D and Innovation projects which result in commercial products and services

*(Innovation and Modernization Andalusian Strategic Plan)*

## Short – term Objectives

- Promote and facilitate the transfer of knowledge and technology between Public Research Groups/ Centres and Companies, in order to generate economic and/or social benefits
- Evaluation and fundings of *enterprise R&D and innovation projects* in collaboration with Andalusian University Research Groups
- Promote an innovative culture within Andalusian companies

## Long– term Objectives

- Facilitate the transformation of Andalusia towards an economic region with greater added value
- Contribute to picture Andalusia as a competitive region in strategic R&D and Innovation areas facilitating the attraction of economic wealth and technological resources

# CTA at a glance



TECHNOLOGICAL CORPORATION OF ANDALUSIA (CTA)  
Spain

157 companies  
Innovation cluster



+600 projects  
supported with  
own funds

Support to startups



## COMPANIES

Competitiveness Increase  
through R&D

R&D Strategy  
Project Scope  
Selecting Partners and  
Collaborators  
Funding Scheme (including  
CTA funds)  
Execution support  
Results Dissemination  
R&D Internationalisation

## UNIVERSITY

Research Aligned with  
Industry

Technology Transfer

+1000 public researchers

+ 341 university  
research groups

## PUBLIC ADMINISTRATION

Competitive Economy

Public Private Procurement  
Public Strategy Support

Smart Specialisation  
Strategy Alignment (S3)



## BANKS & BUILDING SOCIETIES

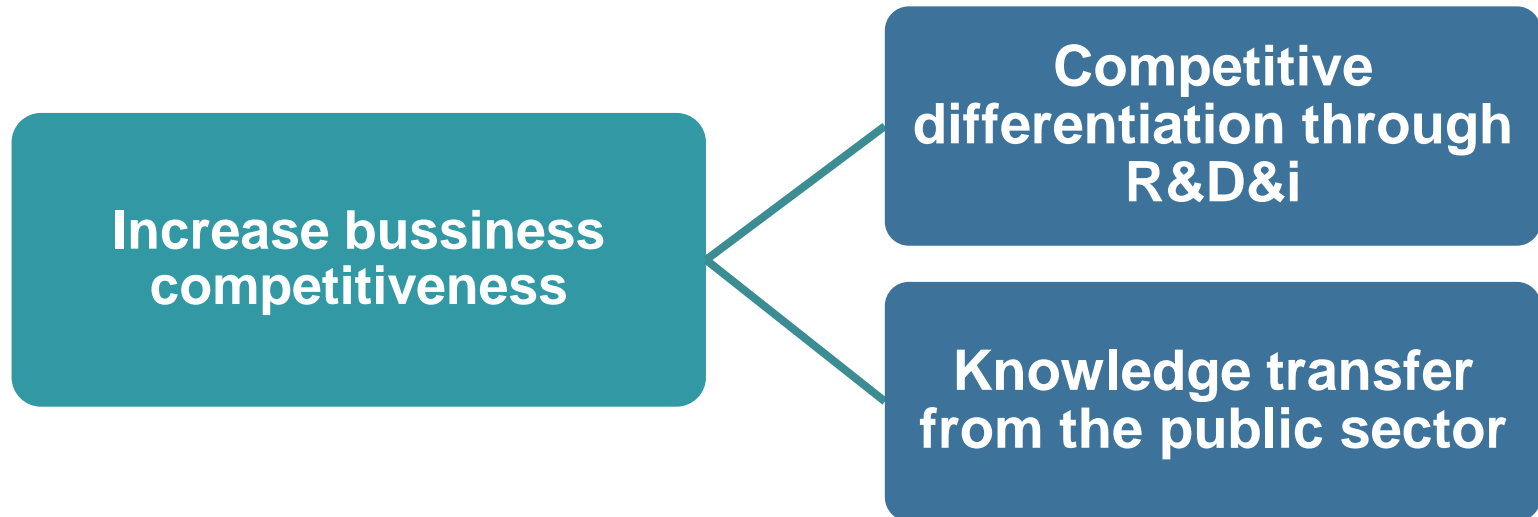
ImpaCTA\*

11 years of activity  
+2000 promoted projects  
474 M€ Projects total budget  
157 M€ CTA funding  
90% Companies become more competitive  
21,7 direct and indirect jobs per project

\*Report by CTA and Deloitte

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## CTA Objective



## Strategic Activity Sectors



Aerospace and Productive Processes



Agrifood



Biotechnology



Building and Civil Engineering



Energy and Environment



Information and Communication Technologies



Leisure and tourism industry

## Project funding with own resources/funds (a)

- Budget: 100% contribution from CTA members + complementary regional government funds
- Call for proposals: Annual (January-September)
- Type of project:
  - R&D and Innovation Project led by companies
  - Executed in Andalusia
  - Participation of Andalusian Public Research Groups over 15% on the projects budget
- Part-returnable grant compatible with other subsidies
- Incentive: up to 60% of the project's budget, according to the project type and the CTA project evaluation



## Project funding with own resources/funds (b)

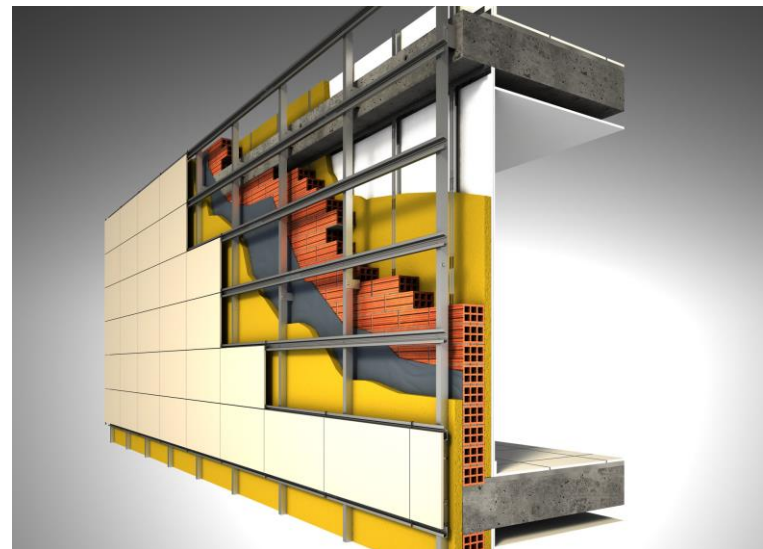
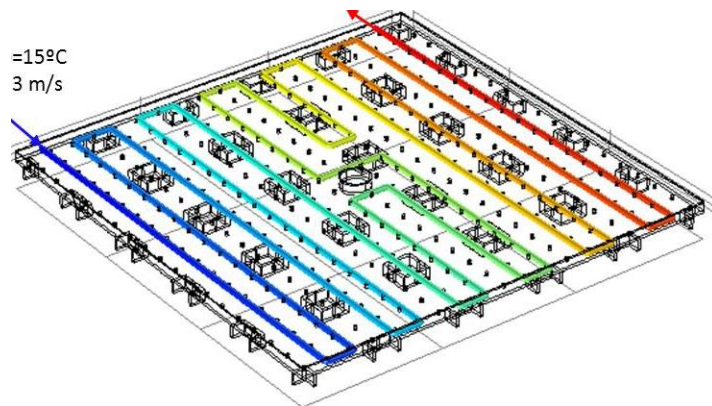
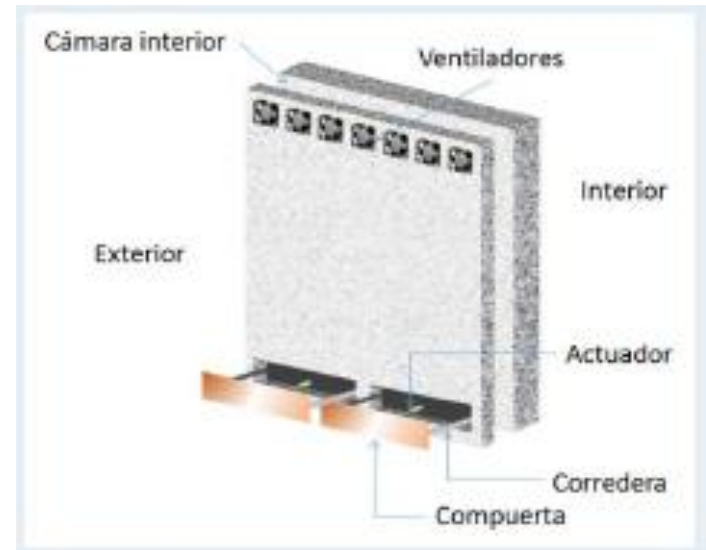
- “Bonus” for projects:
  - Carried out in collaboration with several companies
  - Public University Research Group Participation (> 15%/10%)
  - Participation of an Innovation and Technological Centre
- Independent external project assessment:

Spanish assessment agencies accredited by ENAC (National Accreditation Agency) for certification of R&D and Innovation projects
- Project assessment carried out under: <2 months

## Project funding – Up to date results

- Funded projects: 625
- 22% projects carried out in collaboration
- University Public Research Groups involved: 341
- Total funds granted: 157 M€
- Total projects budget: 474 M€
- Sectors:
  - Aerospace and Productive Processes: 126
  - Agrifood: 66
  - Biotechnology: 74
  - Building and civil Engineering: 38
  - Energy and Environment: 155
  - Leisure and Tourism: 26
  - ICT: 140

# *Success stories*



# Business Development

1. Participation in R&D international projects
2. Evaluation of technological projects/business plans/enterprises initiatives
3. R&D Internationalization support
4. Public procurement processes technological support
5. R&D Strategic Consultancy
6. Innovation reports and studies

# A strong network



# Opportunities for collaboration

**Alliance between research groups, companies, financial entities and administration**

**Promoting joint R&D&i EU and international projects**

**Competitive collaboration and synergies among companies**

**Transfer of experiences about CTA's Knowledge Transfer model**

**Capacitation in bussiness innovation management**

**Evaluation of innovative ideas in entrepreneurship programmes**

**Benchmarking and stakeholder analysis**

**Evaluation of results for R&D&i activities**



**CTA Participation in the Integral**

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**Development Plan for the Andalusian**

**Sustainable Construction Sector**



1.- Technical Contribution in the **Competitiveness Panel of Experts** in the construction sector.

2.- Technical Contribution in the **Innovation and Technological Development Panel of Experts** in the construction sector.

## **Working methodology:**

- 1.- Diagnosis of the construction sector in Andalusia.
- 2.- Comparison with the construction sector at the National and International levels.
- 3.- SWOT analysis.

## **Working methodology:**

4.- Axes and action lines.

5.- Financial framework.

6.- Indicators for monitoring and evaluation of the plan.

## Working methodology :

A computer platform was developed allowing all members of the different commissions to participate, post information and interact with each other.

On the other hand, each Commission had a President and a Secretary in charge of the organization of face-to-face meetings for each panel of experts.



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