



**An approach to Higher Education, Research
and Innovation in the Madrid Region**

Madrid Region Figures

Madrid Region

- Covering only 1.6% of the country's area, 18% of the total Spanish GDP is generated in Madrid, where 14% (6,4 million) of the population of the Country lives
- Business decision center:
 - 60% of companies with more than 5,000 employees in Spain are located in Madrid
 - Nearly 500,000 active companies are located in Madrid Region
 - More than 5,000 foreign companies are located in Madrid Region

A region based on knowledge

A University Region

- 15 universities (7 public, 8 private)
 - ✓ 270.000 students
 - ✓ 1.077 programs (bachelor and master)
 - ✓ 309 doctoral programs
 - ✓ 20.487 faculty members
 - ✓ 20.000 engineering students

A R&D and Innovation Region

More than 50 public research institutions

- R&D expenditure/GDP 1,98 %
- Researchers 29.402
- Jobs in R&D 48.772

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Foundation for Knowledge



	Regional Innovation Strategy (RIS)	European Higher Education Area
1998	madri+d Regional System <i>RIS Pilot Action</i>	
1999		European Higher Education Area
2001		Spanish National Universities Regulation Law
2002	madri+d Foundation	ACAP Agency
2007	madri+d won <i>“Innovation Europe Region (IRE)” Prize</i>	New Structure for Universities Studies
2014	madri+d Foundation as Regional Agency for HEQA.	
2015	madri+d Foundation member of ENQA / EQAR	

The role of the Foundation

Research Centres

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Public and Private Universities

R&D activities

Technology
Transfer

ERA
Projects

Entrepreneurship

S&T Communication and
Culture

PROGRAMMES

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Academic Quality Assessment

Programmes

Ex-Ante
Monitoring
Ex-Post

Institutions

Teaching Staff

PROCESSES

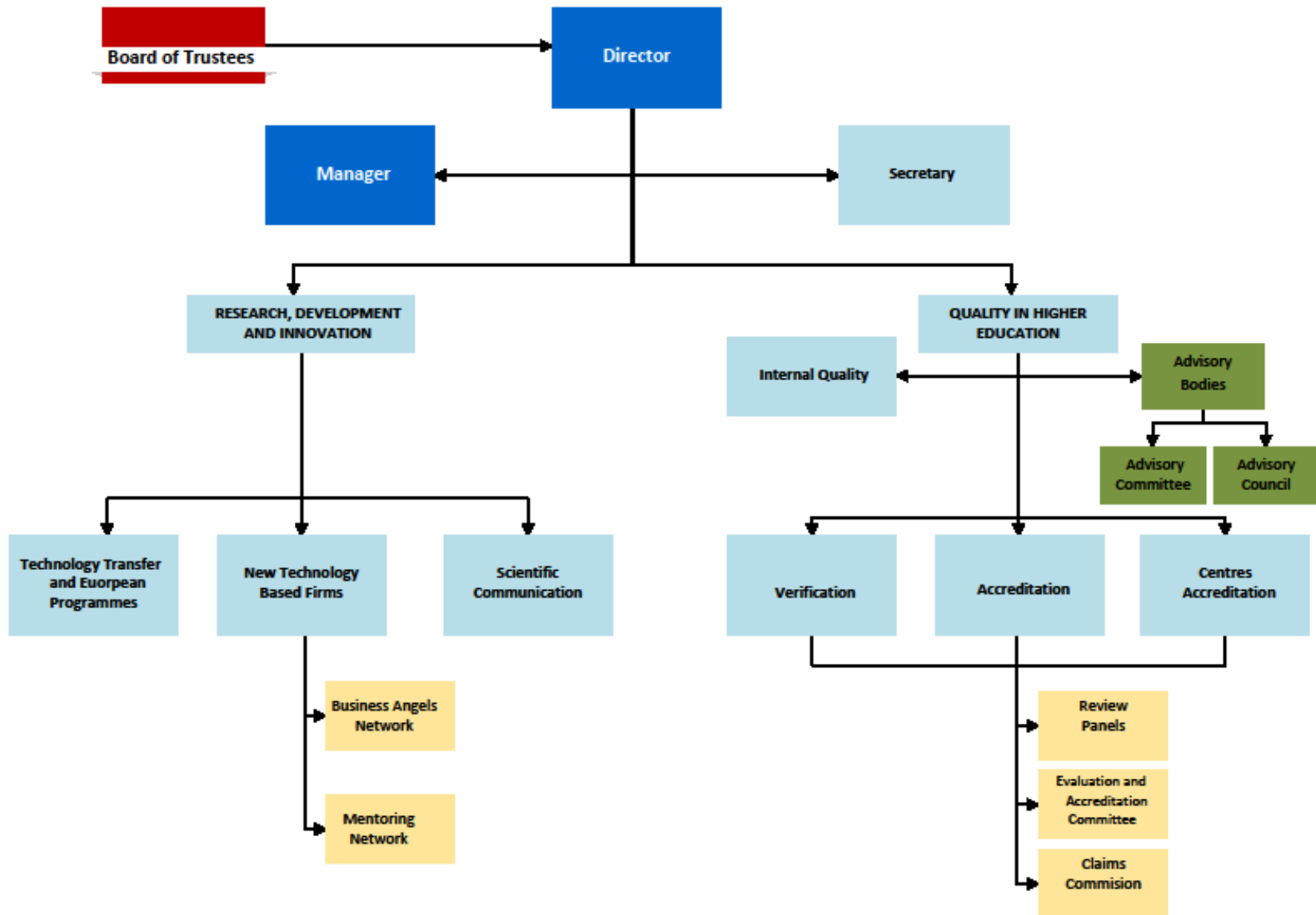
Companies

Citizens

Society

empowerment and confidence
knowledge-based society

Organization



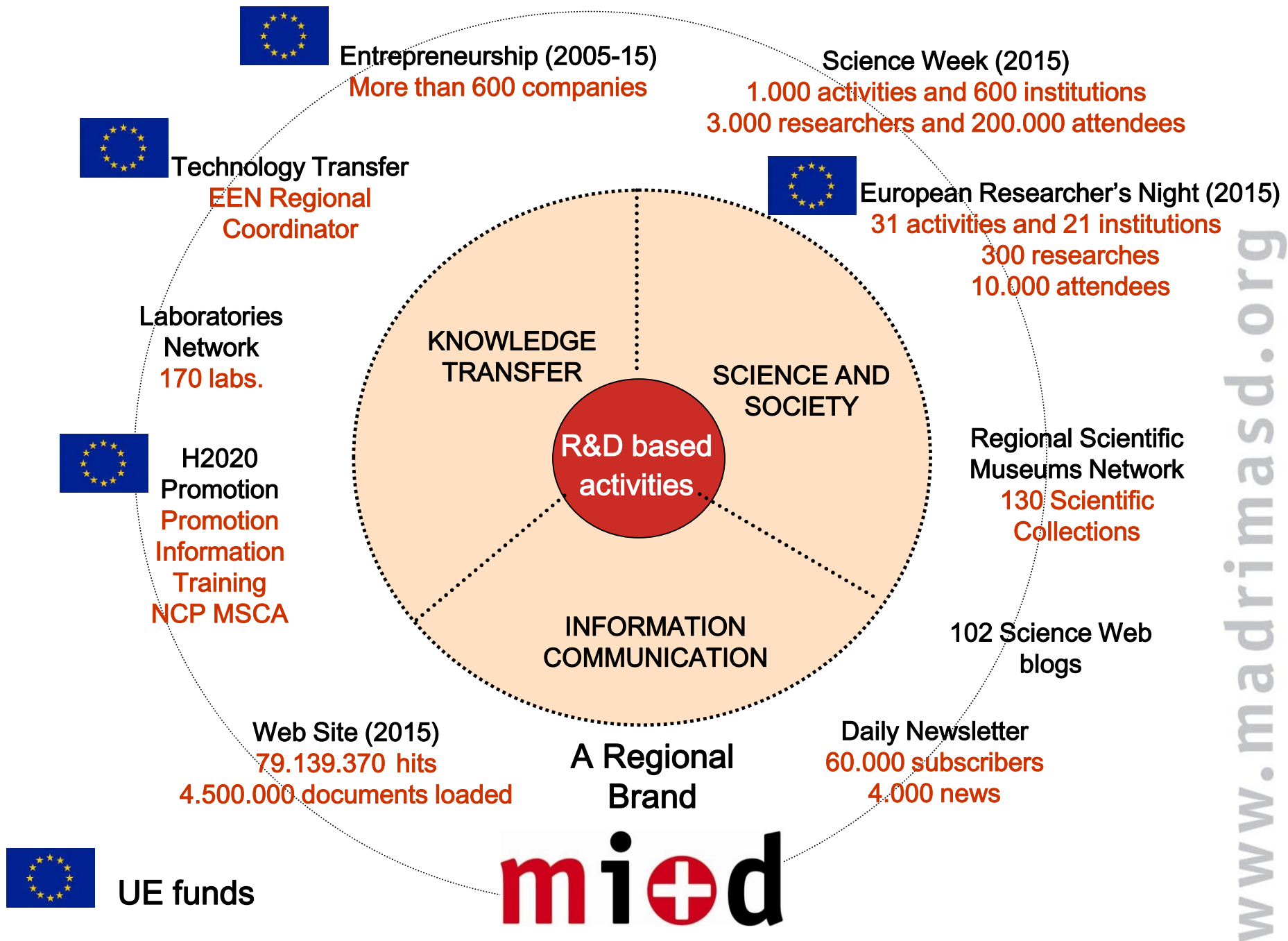
Units

Technology Transfer and European Research Area

Technology-based Firms

Scientific Communication and Information

Higher Education Quality Assessment



Technology-based Firms Unit



- ✓ *Mentoring*
- ✓ Follow-up by experts
- ✓ *Networking*
- ✓ Incubation services

Specialized Services

- ✓ Tutoring
- ✓ Services (IPR, legal advice,...)
- ✓ Awards
- ✓ International contacts



- ✓ Business Angels Network
- ✓ Search for Financing
- ✓ Investment Readiness
- ✓ Investors Training

Scientific information Unit

Promotes scientific culture and public participation in R&D. It offers its services to students, teachers, researchers, technicians, managers, journalists and citizens.

Objectives

- **Encourage** public participation.
- **Provide** quality scientific-technological information.
- **Disseminate** research results.
- **Create** channels of information scientists - journalists
- **Encourage** scientific vocations.
- **Communicate** science developed in Madrid.
- **Link** scientists and citizens
- **Open** spaces where science is done.

European Research Area and Technology Transfer Unit

Promotes participation in European projects and the internationalization of Madrid-based research.

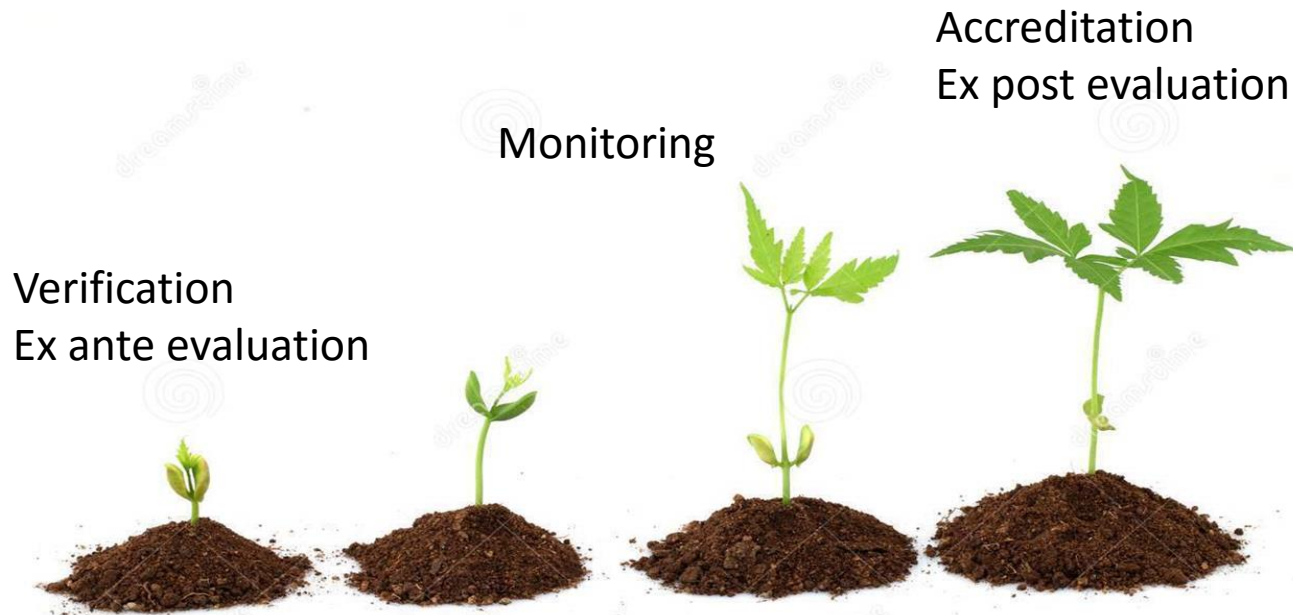
Institutional coordination and participation in networks.

Objectives

- **Encourage** participation in European programs, especially in the Framework Programme.
- **Facilitate** the participation of the Community of Madrid in policy initiatives and programmes on research and innovation in the EU.
- **Extending** Madrid's international presence as a region of knowledge.

HIGHER EDUCATION QUALITY ASSESSMENT

Higher Education Quality Assessment



Describing the process in Spain (I)

Ex - ante Evaluation

Verification

- Degree draft
- Definition of Competences
- Quality of the proposal



Describing the process in Spain (II)

Ex – post Evaluation

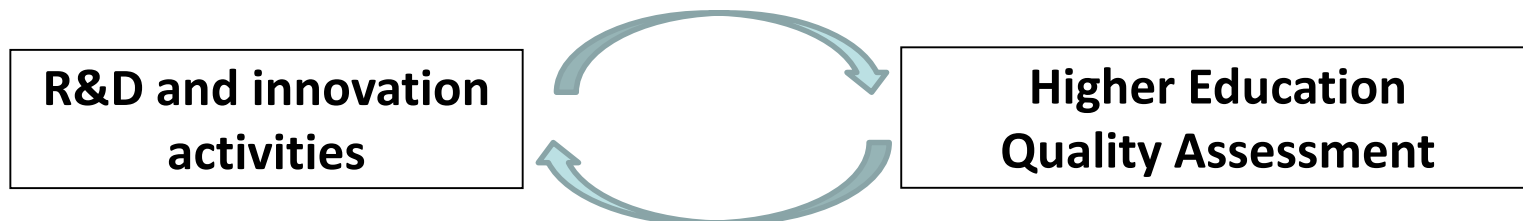
Renewal of the Accreditation

- **Results** achieved
- Site visit and evidences
- Coherence with the degree proposal



CONCLUSIONS

Synergy of the two areas



- ✓ Knowledge transfer is a key strategy for universities close to Quality and Excellence values
- ✓ Scientific Culture as support of public funds
- ✓ Evaluation, metrics and indicators for technology transfer programmes

- ✓ Make the QA processes closer to the demand of the society
- ✓ Improving academic programmes with the necessities of the employers
- ✓ Academic excellence as element for competitiveness.

The *Regional Innovation System* and the *Higher Education Regional Area* are two sides of the same coin: the competitiveness of the region in a global framework

empowerment and confidence
in knowledge-based society

Thanks for your attention!

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