

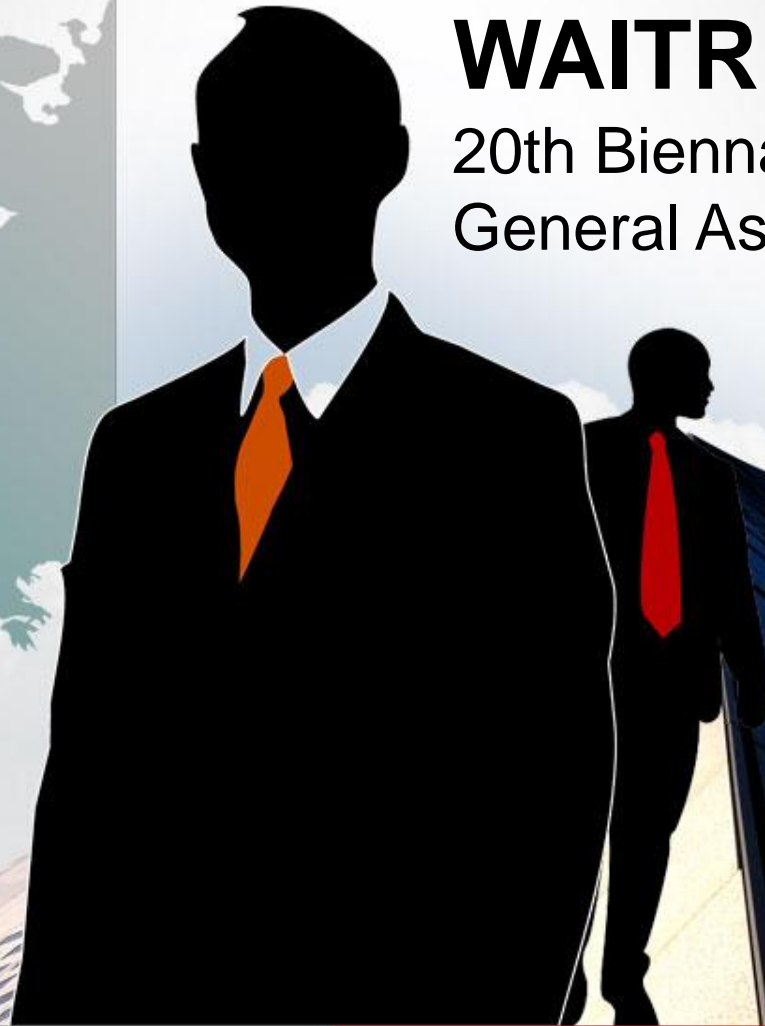
Aurelio García de Sola
Alicia Hinojosa
Jaime del Castillo

Madrid Network

www.madridnetwork.org

WAITRO

20th Biennial Congress &
General Assembly



Red de Parques y Clusters
de la Comunidad de Madrid
Madrid Network

MADRID
about business

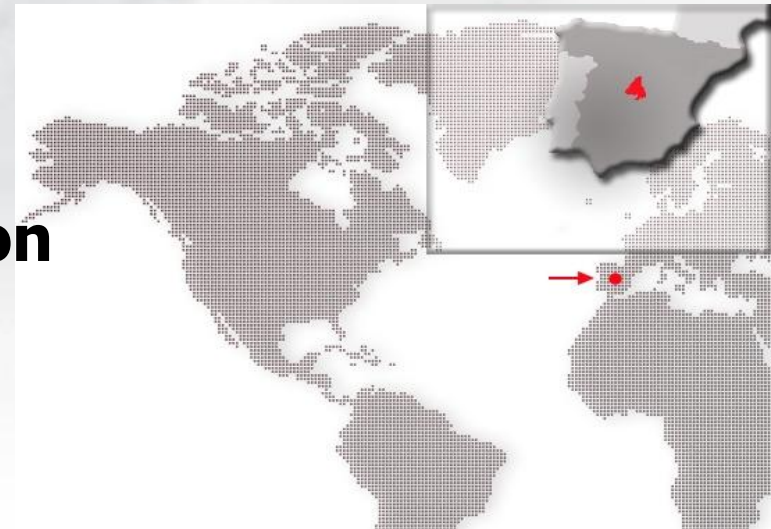
**KNOWLEDGE, CREATIVITY AND COOPERATION.
ROOTS OF THE NEW INNOVATION POLICY IN
MADRID**

13-14th October 2010

DUBAI - UAE

INTRODUCTION

- **Madrid is one of the top European regions**
- **In a globalized world, Madrid must find their competitive advantage promoting as its key inputs:**
 - **value creation and innovation**
 - **knowledge and creativity**





Red de Parques y Clusters
de la Comunidad de Madrid
Madrid Network

MADRID
about business

**Knowledge, Creativity and Cooperation. Roots of the
new Innovation Policy in Madrid**

Madrid situation

To maintain this situation in the future Madrid Government promote an innovation policy based on:

- To support the development of Cluster and Science and Technology Parks**
- To create a network for the coordination and the generation of synergies**

The context of the current innovation environment

- Innovation and creativity: to take into account not just economic issues, but also social and environmental aspects
- We like to promote the emergence of dynamic environments, including each of the components of innovation



**In the case of the Madrid
Region, all these approaches
are embodied in the Madrid
Network project**



Red de Parques y Clusters
de la Comunidad de Madrid
Madrid Network

MADRID
about business

**Knowledge, Creativity and Cooperation. Roots of the
new Innovation Policy in Madrid**

The Parks and Clusters Network of Madrid:

BUILDING FUTURE SYNERGIES

The **mission**:

- To place the whole R&D&I supply at the regional level at the service of the enterprises
- To promote technological transfer and a culture based on innovation for society as a whole
- To raise the economy of Madrid to one of the most innovative positions in the world.





Red de Parques y Clusters
de la Comunidad de Madrid
Madrid Network

MADRID
about business

**Knowledge, Creativity and Cooperation. Roots of the
new Innovation Policy in Madrid**

Economic context of Madrid:

FACING THE FUTURE SOLIDLY (I)

The STPs in Madrid represent an important promotional tool for R&D&I

Science and Technology Parks of the Network

NAME OF THE PARK	SURFACE (HECTARES)	INVESTMENT (M€)
TecnoAlcalá	37.06	29.6
Móstoles Tecnológico	67.05	36.2
Leganés Tecnológico	280.49	189.4
Technological Área del Sur	57.7	34.3
Parque Científico de Madrid	20	-
Ciudad de Conocimiento de Colmenar	700	700
Total Network of Parks	1,162.3	989.5



Red de Parques y Clusters
de la Comunidad de Madrid
Madrid Network

MADRID
about business

Knowledge, Creativity and Cooperation. Roots of the
new Innovation Policy in Madrid

Economic context of Madrid:

FACING THE FUTURE SOLIDLY (II)

12 clusters aim to coordinate, from the side of demand,
the competitive needs of the companies of the most
important sectors at the regional level

Clusters of the Network



35%

of total GDP in 2008



Red de Parques y Clusters
de la Comunidad de Madrid
Madrid Network

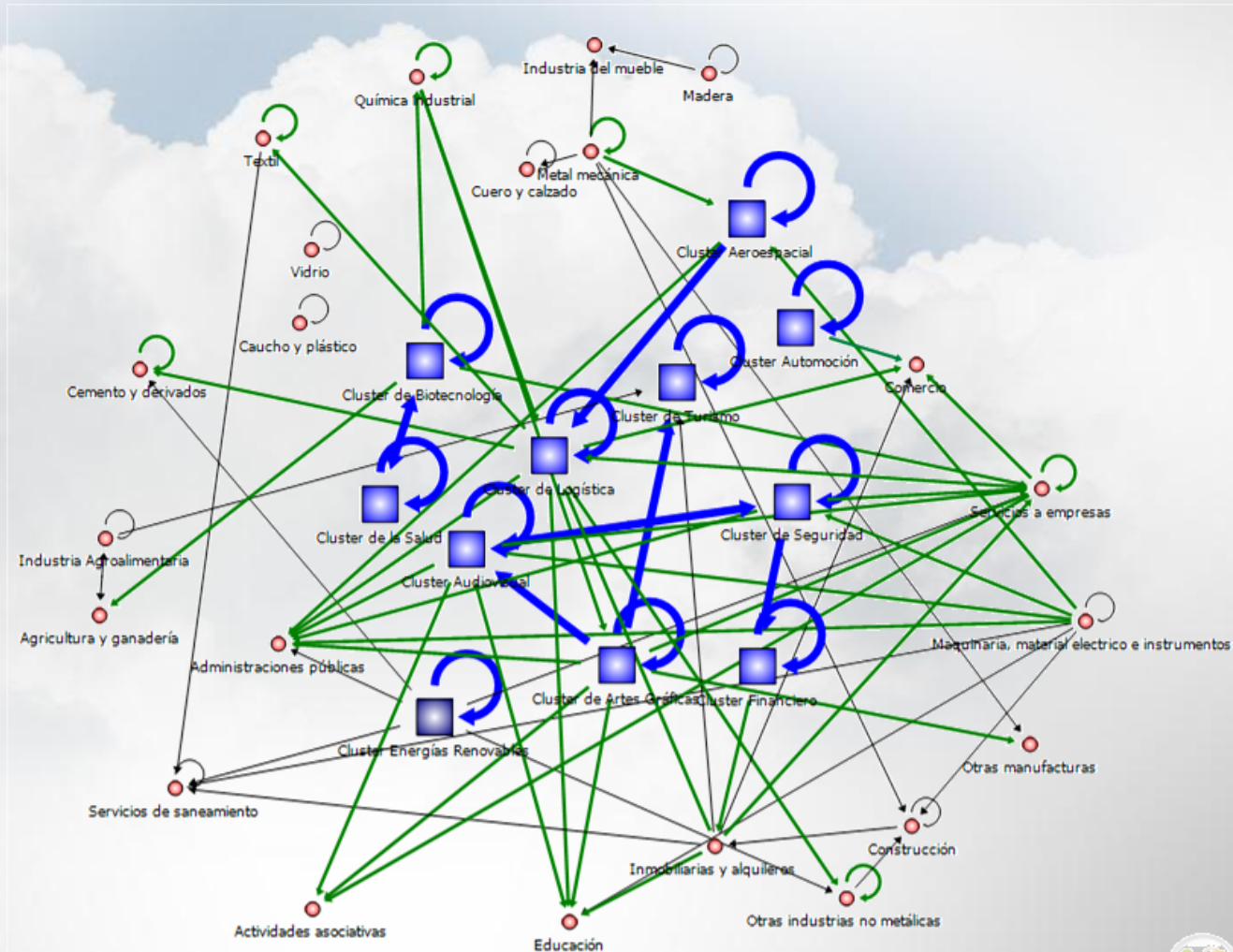
MADRID
about business

**Knowledge, Creativity and Cooperation. Roots of the
new Innovation Policy in Madrid**

Economic context of Madrid:

FACING THE FUTURE SOLIDLY (III)

Cooperation
Colaboration
Networking
↓
Sinergies &
Value creation





Red de Parques y Clusters
de la Comunidad de Madrid
Madrid Network

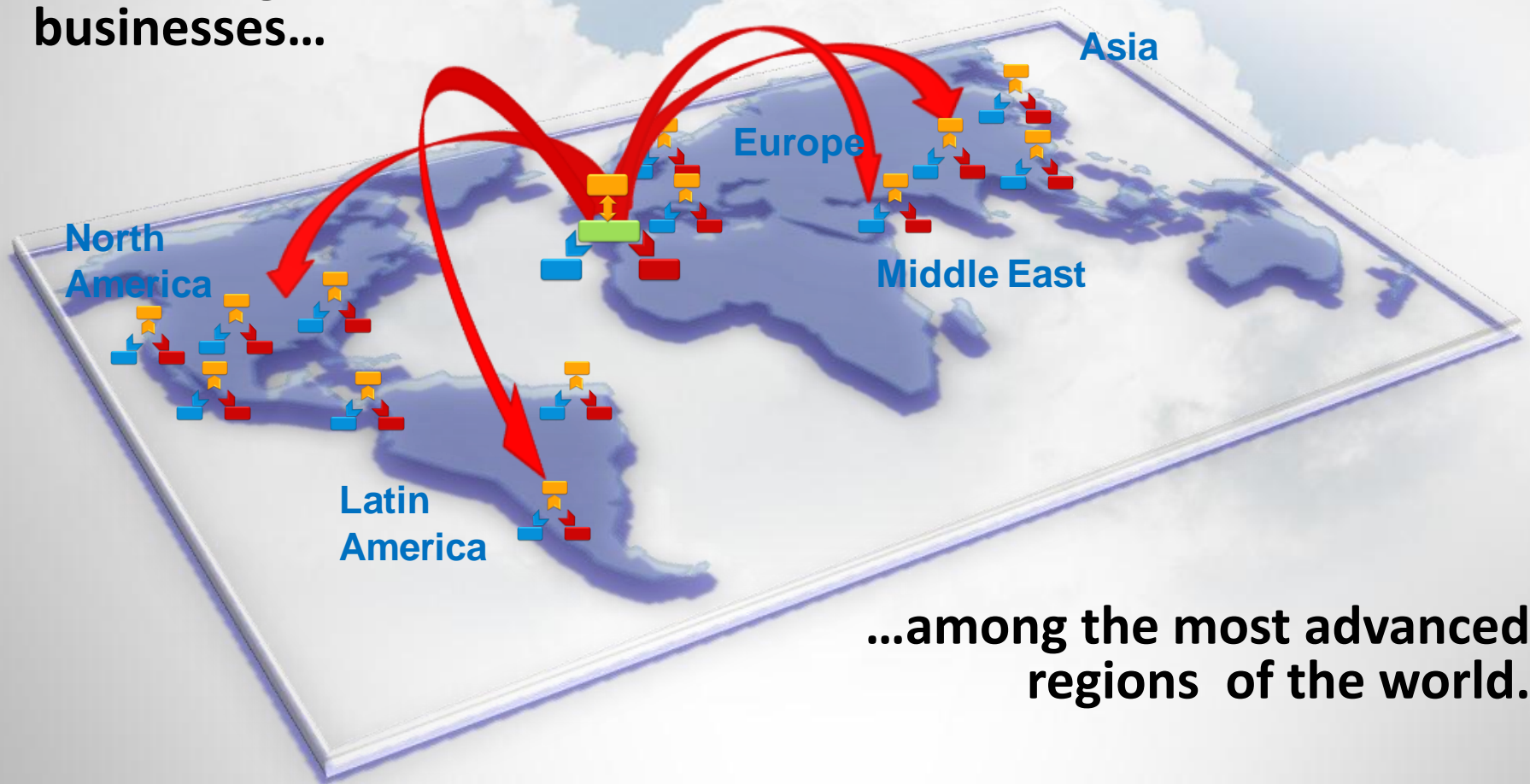
MADRID
about business

**Knowledge, Creativity and Cooperation. Roots of the
new Innovation Policy in Madrid**

The Parks and Clusters Network of Madrid:

BUILDING FUTURE SYNERGIES (IV)

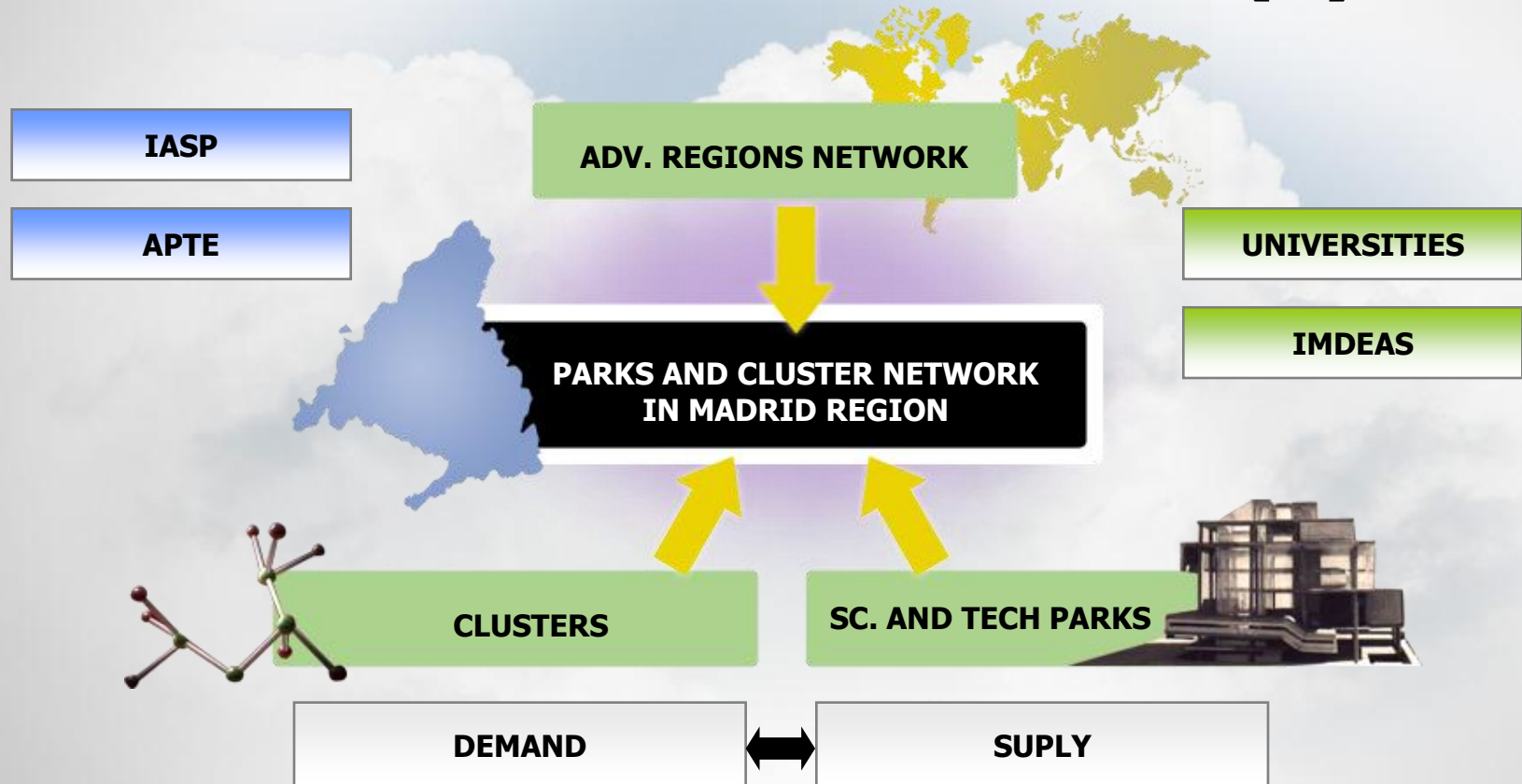
**Promoting collaboration for
businesses...**



**...among the most advanced
regions of the world.**

The Parks and Clusters Network of Madrid:

BUILDING FUTURE SYNERGIES (V)



Aeronautics and Space | Automobile
Logistics | Biotechnology | Security and Trust (ITC)
Audiovisual | Graphic Arts | Health and Welfare
Finances

Tecnológico Área del Sur | Parque Científico de Madrid
Leganés tecnológico | Móstoles Tecnológico
Tecnoalcalá | Ciudad del Conocimiento Colmenar

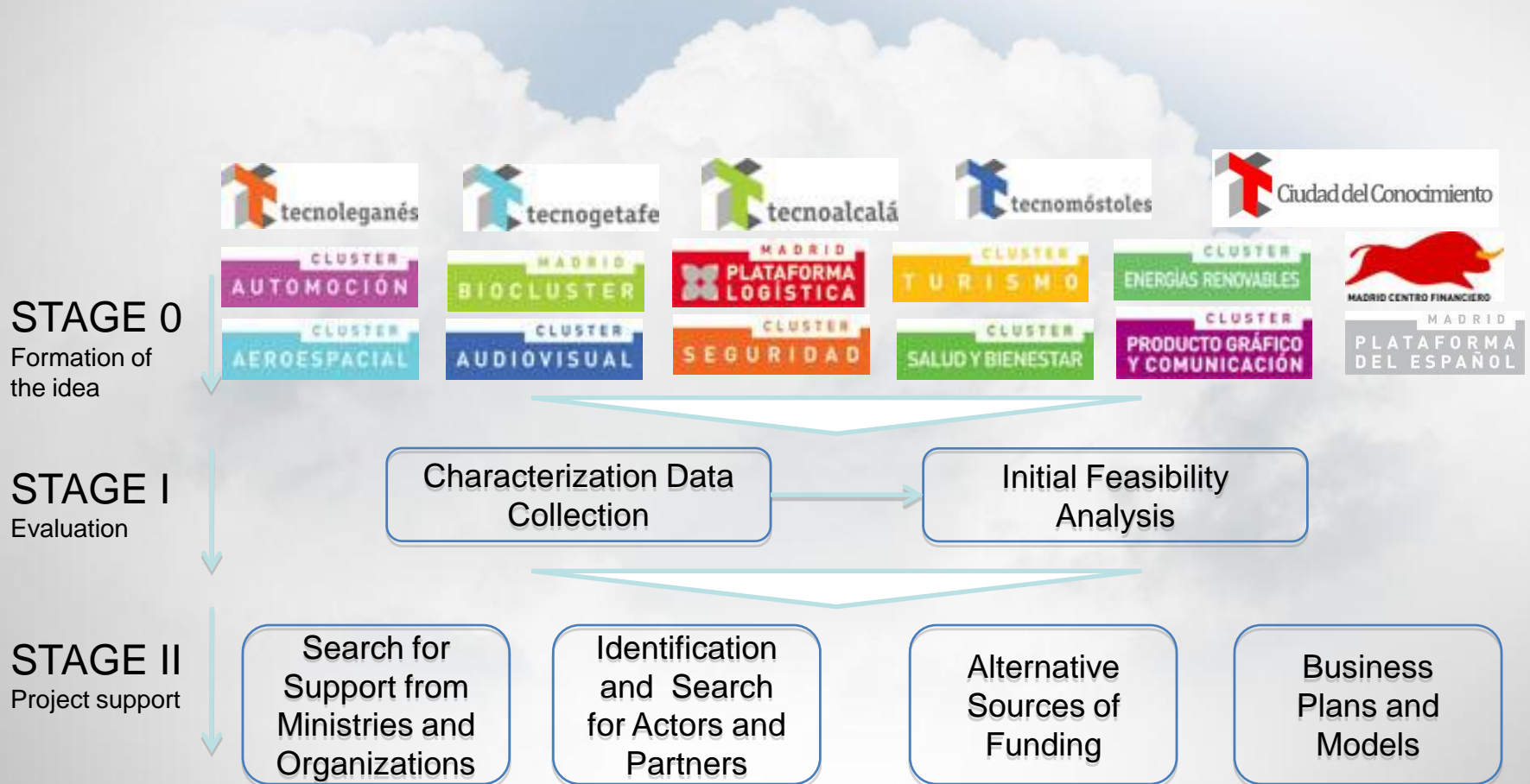
Madrid Network Projects

Madrid Network is a **forum** where the **Clusters, Science and Technology Parks** and other relevant players, such as **IMDEA** (Madrid Institute for Advanced Studies) can:

- propose collaboration
- presenting strategic projects that could mean a **contribution to economic development and improved competitiveness in the Region of Madrid.**

Knowledge, Creativity and Cooperation. Roots of the new Innovation Policy in Madrid

Madrid Network help in the feasibility studies, the business plan and to examine the various means of financing the project, acting as a tool in the search for resources.



Knowledge, Creativity and Cooperation. Roots of the new Innovation Policy in Madrid

Madrid Network Projects Intercluster projects

1. Madrid Research International
2. Biomedical Knowledge Center for Imaging
3. R&D Security Center
4. 3D Technology Development Center
5. Personalized Medicine: Genetic diagnosis and new therapeutic targets
6. R&D Center for Communication and Terrestrial Observation Technologies
7. Platform for Development of Sustainable Automotive Technologies
8. Smart Knowledge Center
9. Neutral Entity for Telecommunications Infrastructure in Madrid (ENITMA)
10. Center of Excellence in Renewable Energy Training

Financed by a loan of 80 M€ from the Spanish Ministry of Science and Innovation

Knowledge, Creativity and Cooperation. Roots of the new Innovation Policy in Madrid

Description

The Centre will be an effective link between the various elements of the innovation system of the Madrid Region and the global market. Based on the innovation factory model.

It will act as the R&D "marketing arm" for businesses of the Madrid Region, with three main contributions:

1. Valorization tool
2. Instrument of validation of the R&D
3. Instrument to connect industrial demand and R&D from the public/private system.

Sectors

- Biotechnology
- HealthandWellbeing
- ITC
- Energy

Partners



ExpectedReturns

Employment	Direct	>20
	Indirect	>50
	Induced	>250
AnnualPrivateFinancingMobilized		-
ExpectedEuropeanFundsReturns		-
Companies incorporated in innovation activities		>100

Knowledge, Creativity and Cooperation. Roots of the new Innovation Policy in Madrid

Description

Creation of an R&D center for security, supported by public and private interests.

The center develop and commercialize key technologies:

1. Developing technologies and products, through a model based on the technological expertise of its services, content, personnel and cooperation with companies
2. Acting as a service provider for business innovation
3. Supporting the commercialization of technologies

Sectors

- ITC
- Security and Defense

Partners



ExpectedReturns

Employment	Direct	>25
	Indirect	>10
	Induced	>150
Annual Private Financing Mobilized		100.000 €
Expected European Funds Returns		2.000.000 €
Companies incorporated in innovation activities		50



Red de Parques y Clusters
de la Comunidad de Madrid
Madrid Network

MADRID
about business

**Knowledge, Creativity and Cooperation. Roots of the
new Innovation Policy in Madrid**

CONCLUSIONS

- 
- The Parks and Clusters Network of Madrid aims to **position Madrid as one of the 10 most advanced economies in the world by the year 2020**
 - It will allow the establishment of a closer relationship between all the regional resources, and a better relationship between research and business
 - It will be one important tool to promote an innovative and creative environment
 - Together with the Advanced Regions Network, it will facilitate the insertion of Madrid enterprises in the most dynamic global networks



Red de Parques y Clusters
de la Comunidad de Madrid
Madrid Network

MADRID
about business

**Knowledge, Creativity and Cooperation. Roots of the
new Innovation Policy in Madrid**

CONCLUSIONS

**The development of the Cluster and
Science and Technology Parks
Network of the Madrid Region, try to
set the basis for a new way to
understand regional competitiveness
in the framework of the global
knowledge economy**



Red de Parques y Clusters
de la Comunidad de Madrid
Madrid Network

MADRID
about business

**Knowledge, Creativity and Cooperation. Roots of the
new Innovation Policy in Madrid**

Thanks a lot.

WAITRO

20th Biennial Congress & General Assembly