



Space Technology Transfer in Spain: Opportunities and Success Stories

16th September 2009
CDTI, Cid 4, Madrid



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- 4. SPAIN IN ESA: ACTIVITIES**
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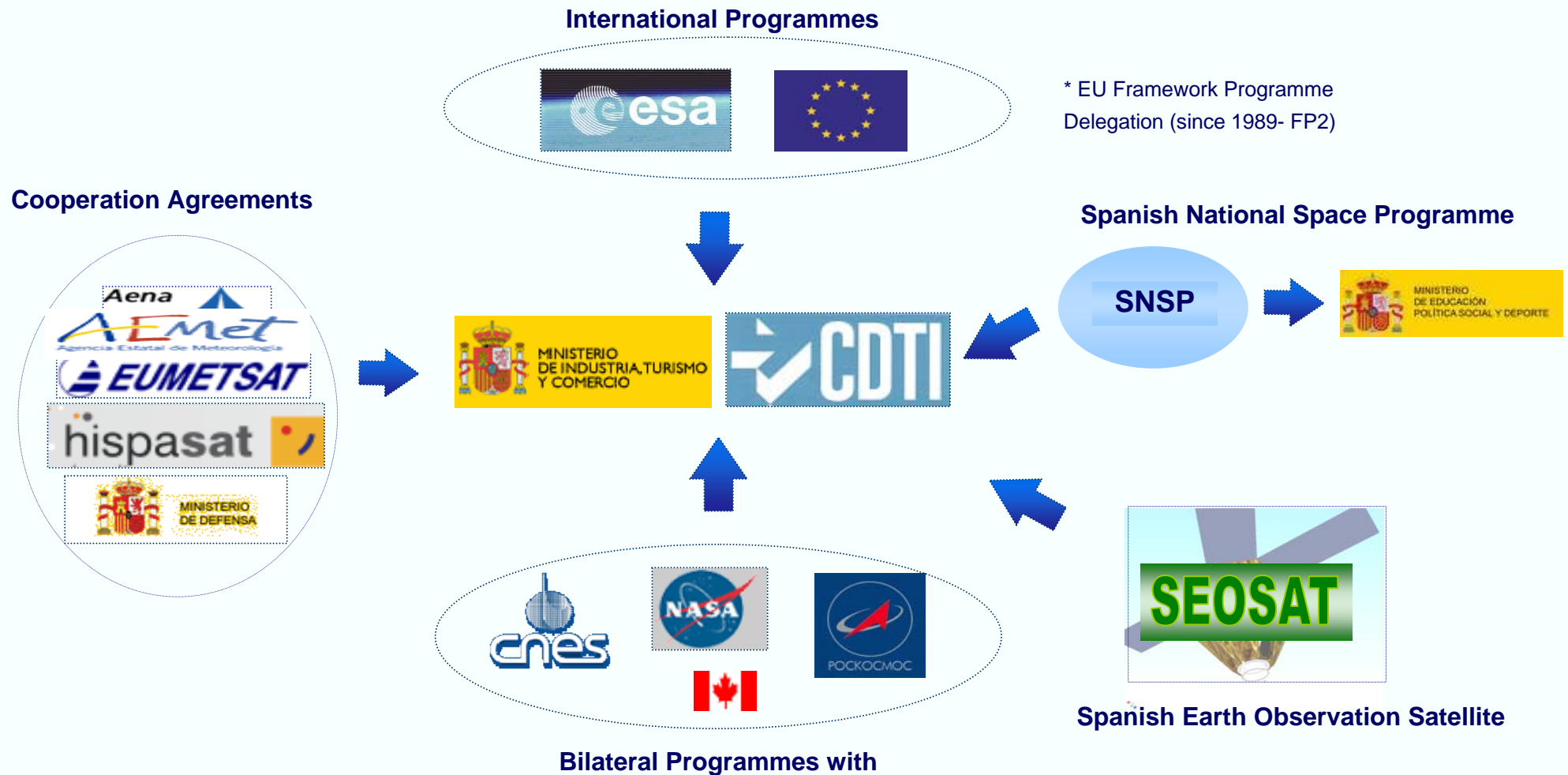
AGENDA

- 09:00 – 09:30** **Registration**
- 09:30 – 09:45** **Welcome and Introduction**
Ricardo del Rio, ESA IPC Delegate & Technology Responsible, CDTI
- 09:45 – 10:00** **Introduction to Technology Transfer in Spain – National Technology Initiative**
Jesus Marcos, Space Market Director, INASMET-Tecnalia
- 10:00 – 10:30** **ESA's opportunities, instruments and programmes for space technology transfer**
Frank Salzgeber, Head of Technology Transfer Programme Office, ESA
- 10:30 – 11:00** **Space Technology Start-ups. ESA incubators**
Bruno Naulais, European Space Incubators Network Manager
- 11:00 – 12:30** **Space technology transfer success stories in Spain**
Several members of PROESPACIO
- 12:30 – 13:00** **Space companies' incubators in Spain**
Juan Carlos Martinez Barrio, CEEI Burgos
- 13:00 – 13:30** **The experience of Universities in the creation of space business in Spain**
Several Spanish Universities
- 13:30 – 14:00** **Round table**
- 14:00 – 14:30** **Spanish wine**

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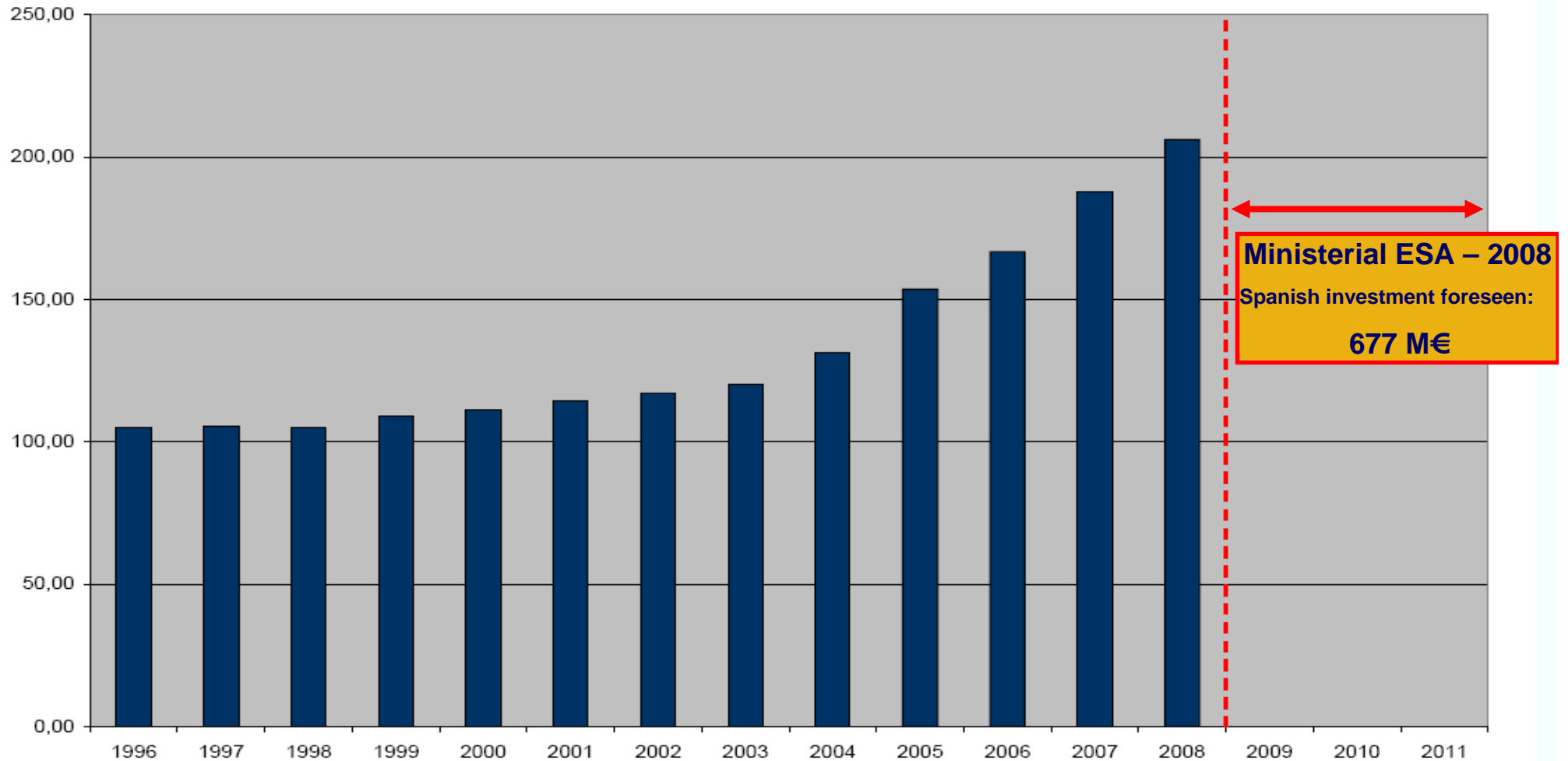
SPACE PROGRAMMES MANAGED BY CDTI



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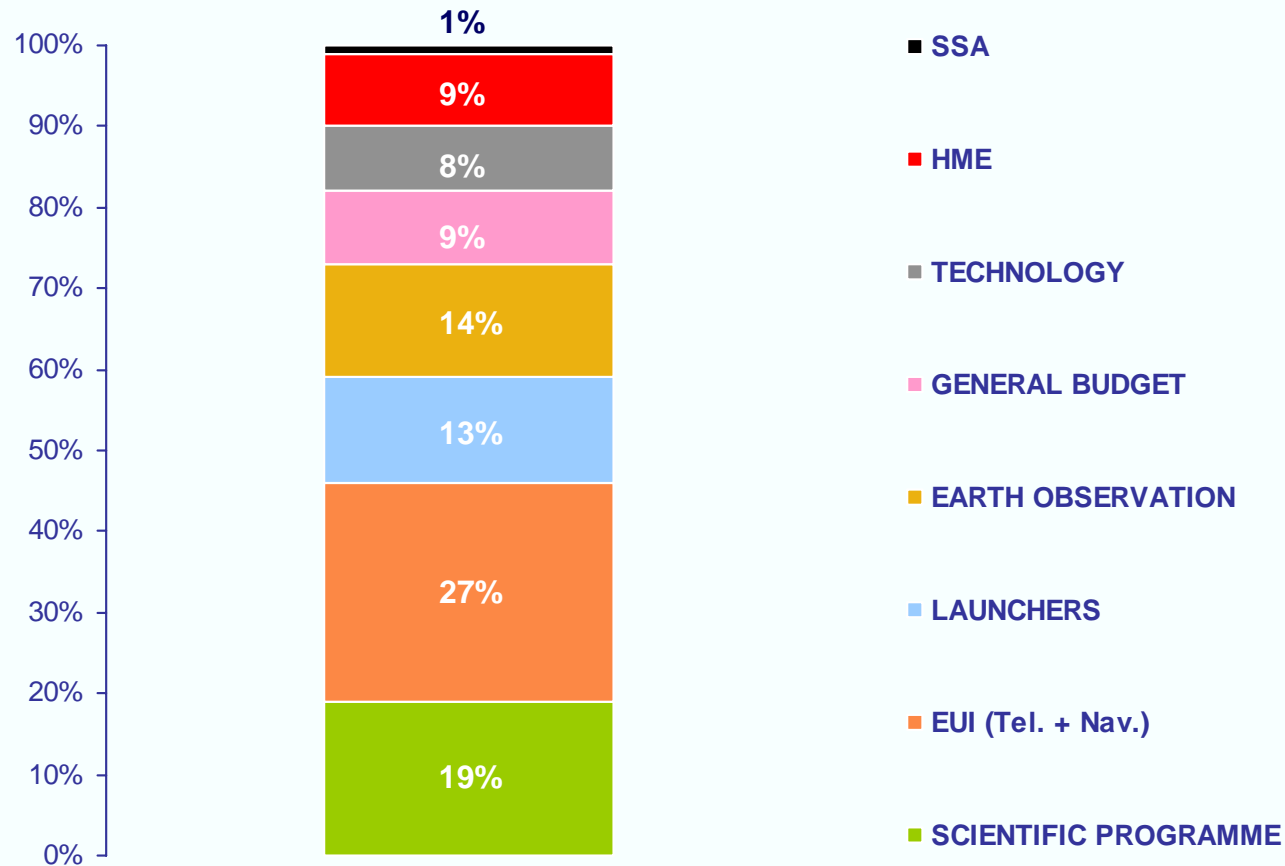


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SPAIN IN ESA: ACTIVITIES

Distribution of Spanish industrial participation in ESA activities
(year 2009)



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OBJECTIVES

- **To foster the knowledge on the ESA's TTP to promote the use of space developed technologies in other sectors and its implementation in Spain**
- **To spread the knowledge on the ESA tools to promote the creation of spin-off companies with a space technology base, around ESA Establishments and Centres**
- **To disseminate the experience of some Spanish space companies in successful examples of technology transfers to non space sectors**
- **To explain the key role of Universities as a source of young enterprising people and of spin-off companies exploiting the research results.**
- **To progress in the dialogue between all the technology transfer actors so that to extensively use this mechanism in Spain**

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TO BE CONSIDERED...

- The Strategic Plan for the space sector in Spain establishes the multiplier effect of the investment as one of the criteria for the selection of priorities in ESA programmes.
 - **It should be understood as the potential of a space technology to be transferred to other sectors; not as an opportunity to deviate space research funds to develop technologies in other sectors.**
- Actors role:
 - **ESA and Public Administration: programmes and funding support**
 - **INASMET-Tecnalia: implementation agent for the space sector in Spain**
 - **Space companies: Space technology developers**
 - **University: generation of research results and source of young enterprising people**

**=> WORKING TOGETHER WITH THE AIM OF CREATING SPIN-OFF COMPANIES
WITH A SPACE TECHNOLOGY BASE**

TO BE CONSIDERED...(II)

The funding instruments that can be used for technology transfer projects are:

- At ESA level:
 - **Dedicated programmes**
 - **GSTP (specially element 2 and the AO for close to market applications)**
 - **TRP (Through ITI)**
 - **SME initiatives (LET-SME)**
- At national level:
 - **CDTI credits**
 - **NEOTEC, for the creation of technology spin-offs**

Thank you for your attention