

plan **avanza** >>>



POLICIES FOR SOFTWARE INNOVATION IN SPAIN

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GOBIERNO
DE ESPAÑA

MINISTERIO
DE INDUSTRIA, TURISMO
Y COMERCIO

únete al plan

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Socioeconomic context

- **Population**

- Spain: 45,28 million people.
(9,1% of the EU-27 population)
- EU-27: 497,48 million people



- **Density**

- Spain: 89,49 / km²
- EU-27: 115,03 people/km²

- **Number of companies**

- Spain: 3,42 million companies
(12,9% of the EU-27 companies).

- **GDP per cápita (ppp)**

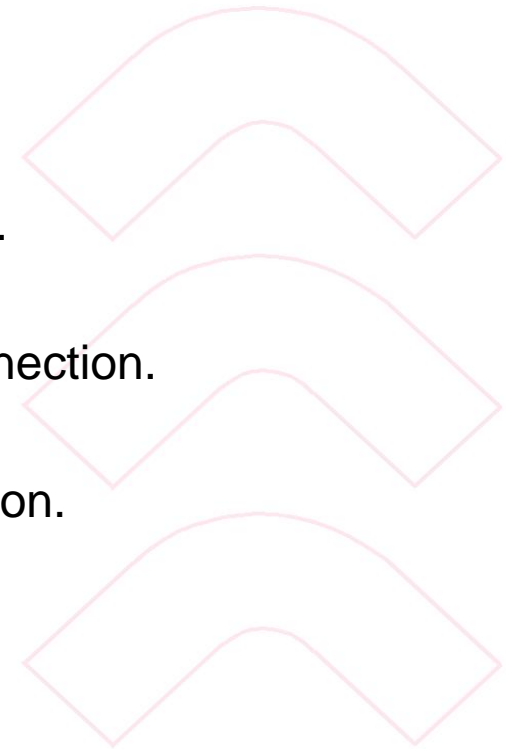
- Spain: 27.000 €/people.
- UE-27: 25.900 €/people.

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Initial situation; Before Plan Avanza

- In 2003...

- **34 %** of the Spanish population were Internet users.
- Broadband coverage reached the **80%** of the population.
- Only the **8 %** of the Spanish homes had Broadband connection.
- **51%** of the Spanish companies had Broadband connection.
- The **average connection speed** was 256 kbps.



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Plan Avanza

Digital Citizens

- Households and citizens access to Internet.
- Closing digital divide.

Digital Economy

- ICT integration into Medium and Small Enterprises (SMEs)
- Competitiveness e Innovation

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Digital Context

- Broadband extension and movility.
- ICT Secutiy and Reliability
- Digital Identification promotion.
- Digital Contents development.

Digital Public Services and Education

- Education in the Digital Age.
- Digital Public Services development

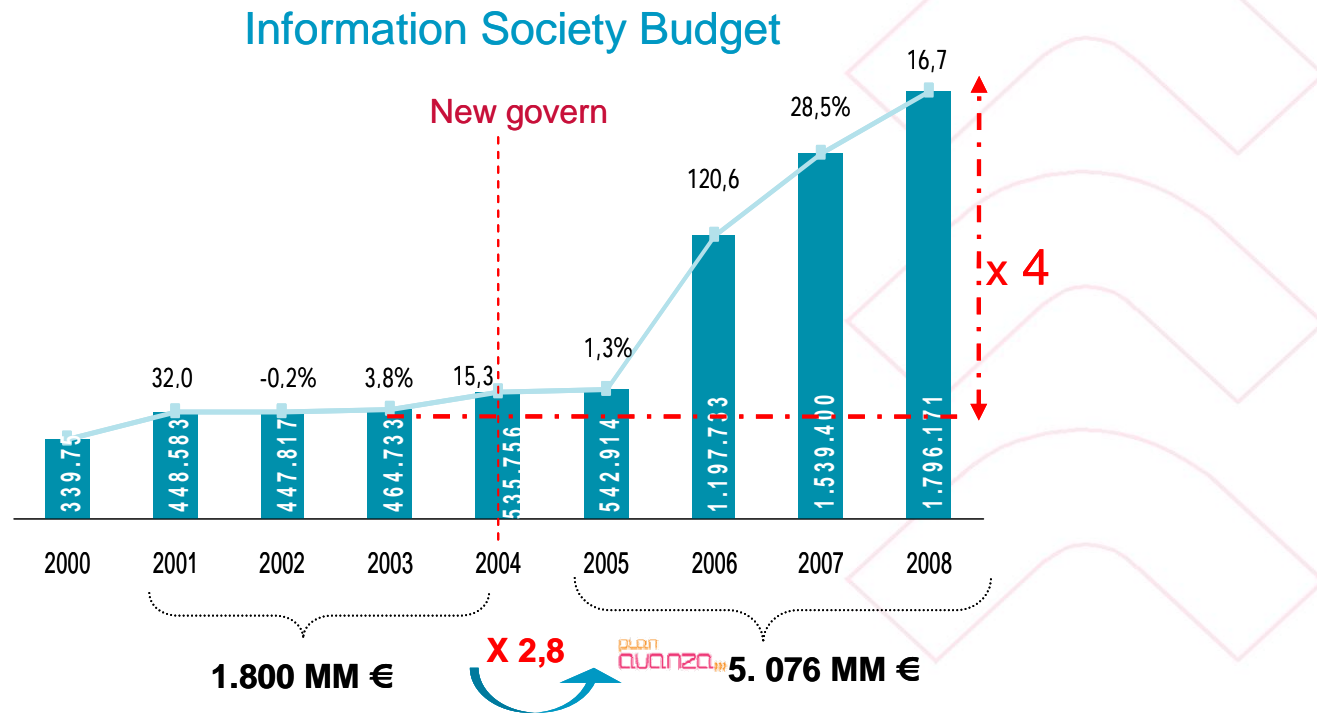
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Plan Avanza

Budget

Spanish government **Budget** for this plan has been over 5 billion € between 2005 and 2008 for information society development, near three times more than in 2001-2004 period.



New Legal normative:

- Law for Information Society Promotion Measures
- Law for Citizens electronic access to Public Services

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Avanza Plan success and next steps

| 2003... | ... Present |
|---|---|
| 34 % of the Spanish population were Internet users. | 56,7 % of the Spanish population were Internet users. |
| Broadband coverage reached the 80% of the population. | 99% of the Spanish population has Broadband access. |
| Only the 8 % of the Spanish homes had Broadband connection. | 43,5% Spanish homes have Broadband connection. |
| 51% of the Spanish companies had Broadband connection. | 90% of the Spanish companies have Broadband connection. |
| The average connection speed was 256 kbps. | The connection speed goes up to 3Mbps (same as UK) and the prices have cut down by 25%. |

New focus Plan Avanza → AvanzaDos

The **Avanza Plan** pursues quantitative and general goals, such as increasing the number of Internet users in Spain

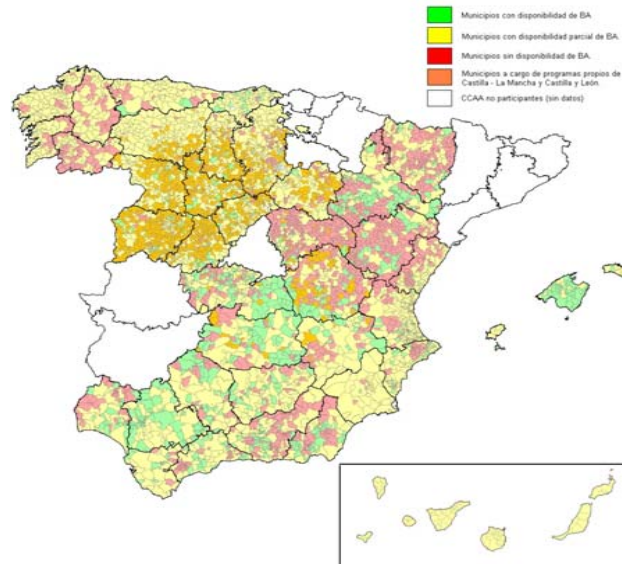
AvanzaDos Plan aim for more qualitative and specific objectives such as extending eCommerce.

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Broadband Extension Program

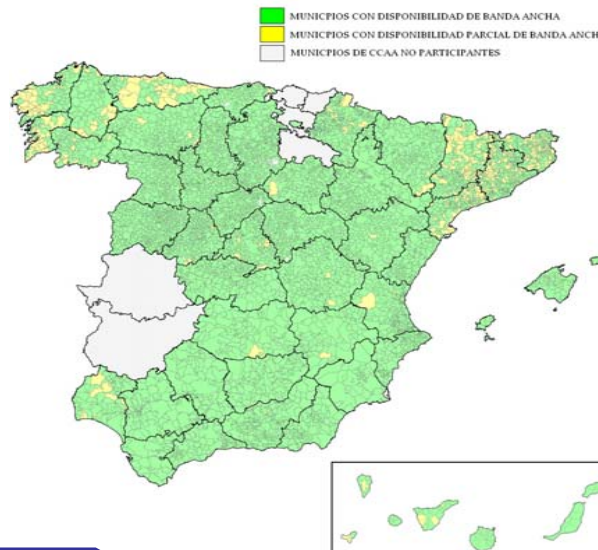
- Program focuses on broadband extension to population without or with insufficient coverage.
- Target population **8.263.297 people** (5.706 municipality)

2004: Broadband coverage on Spanish population ⇒ **80%**

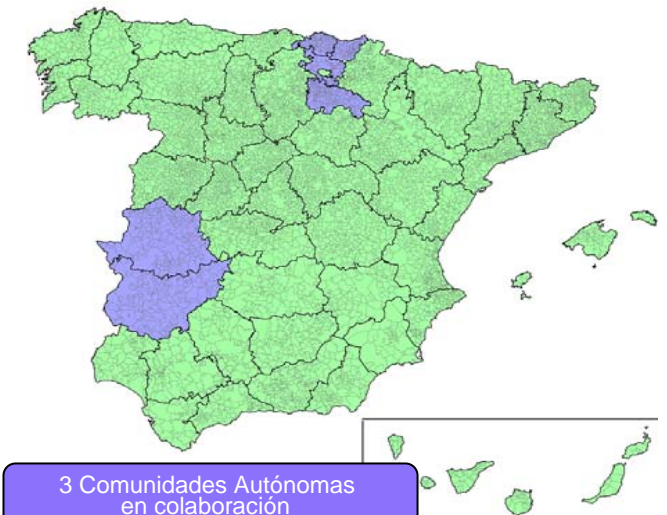


2005:
se inicia el PEBA

May 2008: Broadband coverage on Spanish population ⇒ **98%**



Dic 2008: Broadband coverage on Spanish population: **98-99%**



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Policies for Software Innovation in Spain

Spanish strategy

Have the appropriate initiatives that enhance the supply and demand sides for information technology in general, and software in particular, to improve the position of Spain within an international context.

Positioning

There are different business models; Open Source Software and Software legacy based. We do not discriminate against any of those models, both are valid, and have their advantages and disadvantages and have their markets. → Spain has a neutral position with this topic

Initiatives

- Domestic: R&D, Open source software, CENATIC, INTECO, eGovernment
- International: VII Framework Program of the European Union , EUREKA, IBEROEKA

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Nacional initiatives

- R&D support (Avanza R&D)
 - Computer Technologies
 - Technologies of security and confidence
 - Applications, content and services sector
- Open source software (CENATIC)
- Certificates of quality in software development
- Development of eGovernment software



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International initiatives

- VII Framework Program of the European Union VII for Research, Technological Development and Innovation (2007-2013)
 - AAL (Ambient Assisted Living)
 - Technology Initiatives
 - European Technology Platforms
- Other international cooperative programs:
 - EUREKA
 - IBEROEKA.

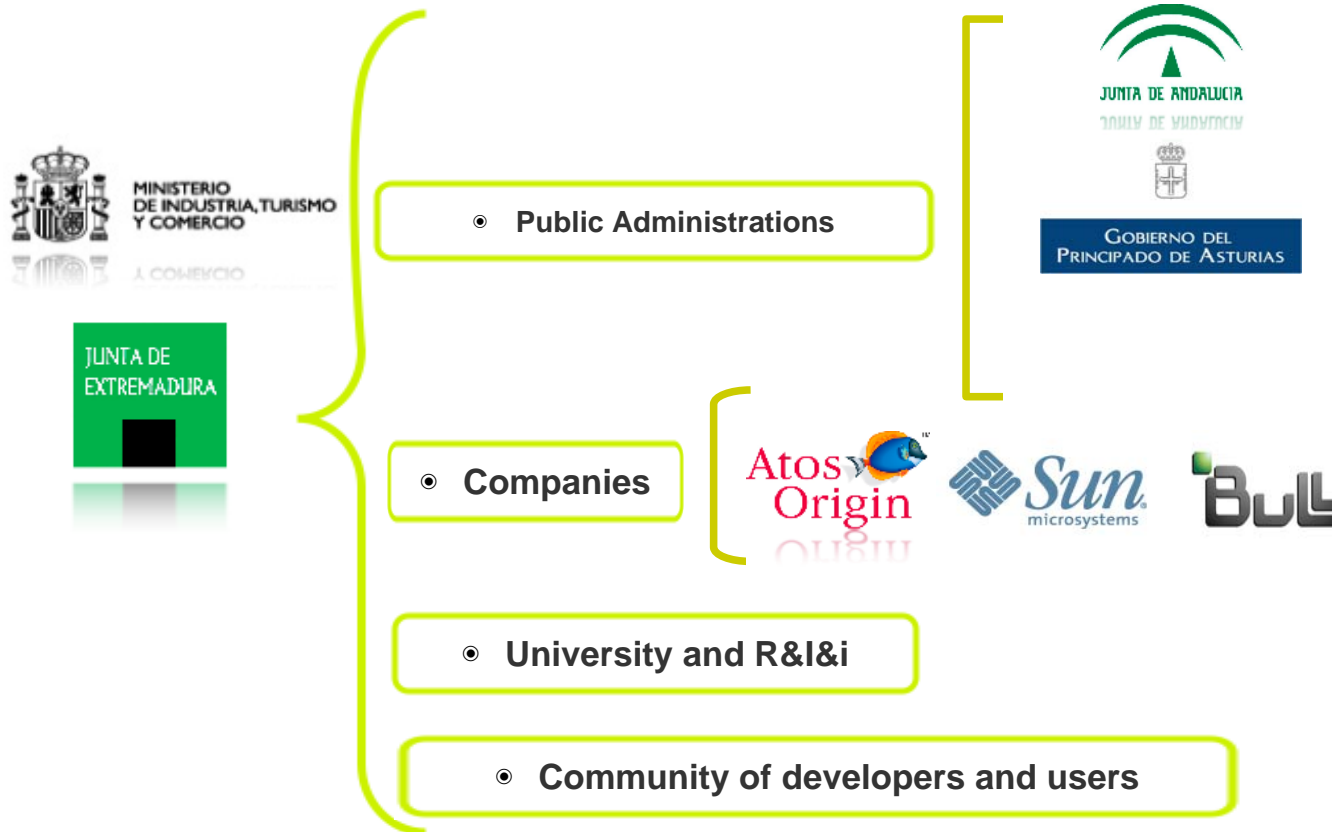


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Case study - CENATIC

It is a public foundation promoted by the **MITyC** and the **Regional Government of Extremadura** OPEN to participation



MISSION

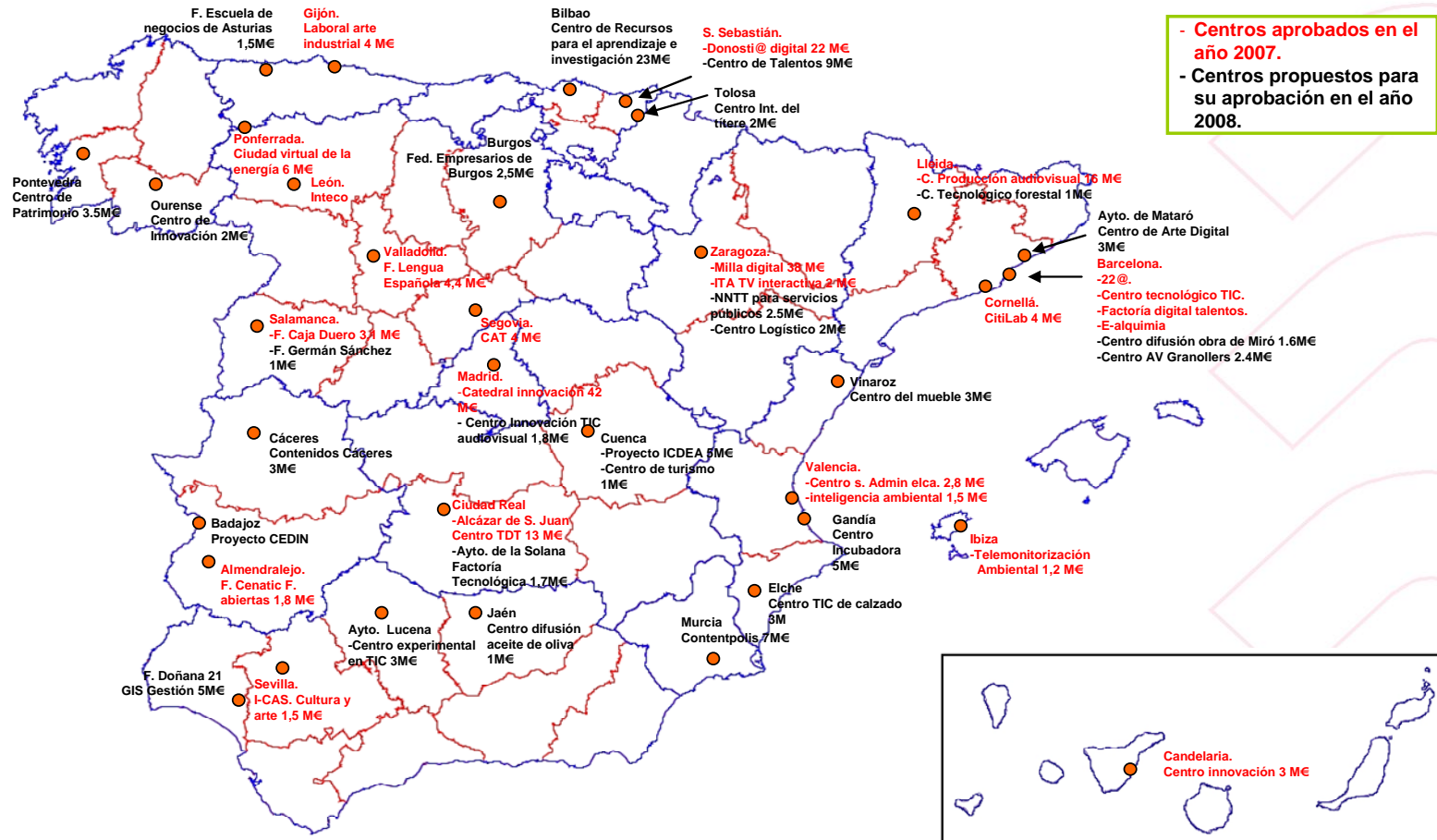
- ◎ To promote knowledge free software and open source in its different areas of activity.
- ◎ To become positioned as a national centre of excellence in this issue, with international projection.

Fundación CENATIC · Corporate Presentation

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Case study - CENATIC

CENATIC is one of the 74 Knowledge Centers setting up with the assistance of MITyC.



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Case study - Avanza Local Soluciones

Development of local eGovernment solutions for small and medium local entities

