POLICIES FOR SOFTWARE INNOVATION IN SPAIN

David Cierco Jimenez de Parga
General Director for Information Society Development Ministry of Industry, Tourism and Commerce of Spain
Index

- Socioeconomic Context
- Initial situation; Before Plan Avanza
- Plan Avanza
- Avanza Plan success and next steps
- Policies for Software Innovation in Spain
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.
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.
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

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

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

Information Society Budget

<table>
<thead>
<tr>
<th>Year</th>
<th>Budget (MM €)</th>
</tr>
</thead>
<tbody>
<tr>
<td>2000</td>
<td>1,539,711</td>
</tr>
<tr>
<td>2001</td>
<td>1,796,171</td>
</tr>
<tr>
<td>2002</td>
<td>1,197,733</td>
</tr>
<tr>
<td>2003</td>
<td>542,914</td>
</tr>
<tr>
<td>2004</td>
<td>535,756</td>
</tr>
<tr>
<td>2005</td>
<td>464,733</td>
</tr>
<tr>
<td>2006</td>
<td>447,817</td>
</tr>
<tr>
<td>2007</td>
<td>448,583</td>
</tr>
<tr>
<td>2008</td>
<td>339,755</td>
</tr>
</tbody>
</table>

New Legal normative:
- Law for Information Society Promotion Measures
- Law for Citizens electronic access to Public Services

New govern x 4

1.800 MM € x 2,8 = 5.076 MM €
# 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

**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.

---

**únete al plan**

**GOBIERNO DE ESPAÑA**

**MINISTERIO DE INDUSTRIA, TURISMO Y COMERCIO**

---

**plan avanza**

---

7
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%**

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

**Dic 2008:** Broadband coverage on Spanish population: **98-99%**
### Policies for Software Innovation in Spain

<table>
<thead>
<tr>
<th>Spanish strategy</th>
<th>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.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Positioning</td>
<td>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.</td>
</tr>
</tbody>
</table>
| Initiatives      | • Domestic: R&D, Open source software, CENATIC, INTECO, eGovernment  
                  • International: VII Framework Program of the European Union, EUREKA, IBEROEKA |
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
International initiatives

  - AAL (Ambient Assisted Living)
  - Technology Initiatives
  - European Technology Platforms

- Other international cooperative programs:
  - EUREKA
  - IBEROEKA.
Case study - CENATIC

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

- Public Administrations
- Companies
- University and R&I&i
- Community of developers and users

MISSION

◎ To promote knowledge free software and open source in its different areas of activity.

◎ To become positionated as a national centre of excellence in this issue, with international projection.
CENATIC is one of the 74 Knowledge Centers setting up with the assistance of MITyC.
Case study - Avanza Local Soluciones

Development of local eGovernment solutions for small and medium local entities