

The OECD review on higher education role in development

Catalonia review: the Barcelona experience

**OECD Conference:
Higher Education in Cities and Regions
Sevilla, 10-11 February, 2011**

**Xavier Testar, "Barcelona, Research & Innovation Programme",
Economic Promotion Area, Barcelona City Council**



Barcelona City Council

The Catalan Higher Education System

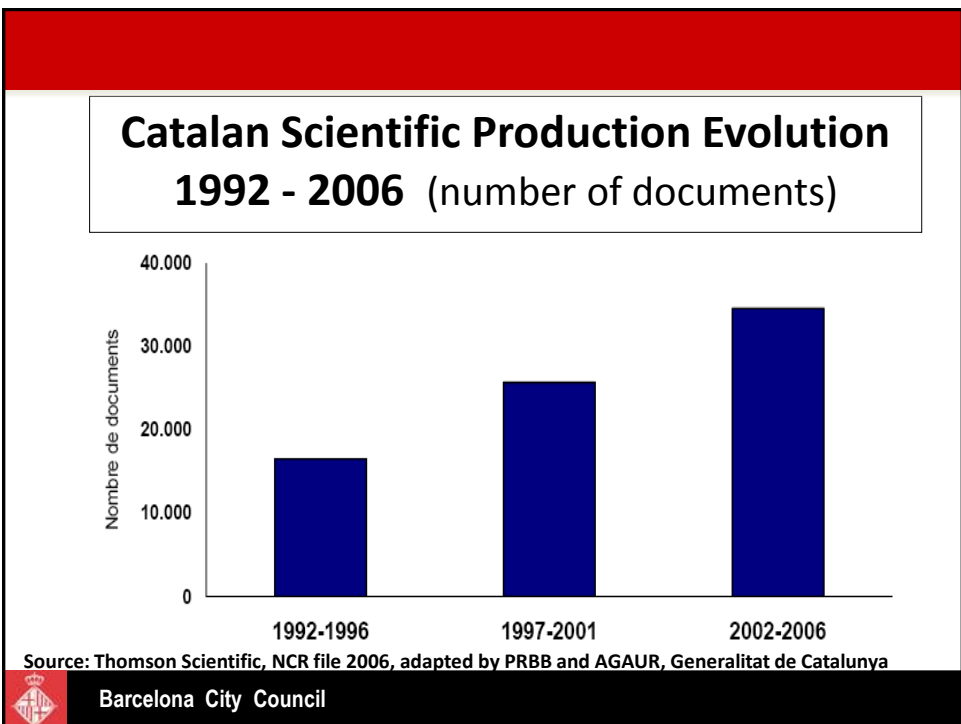
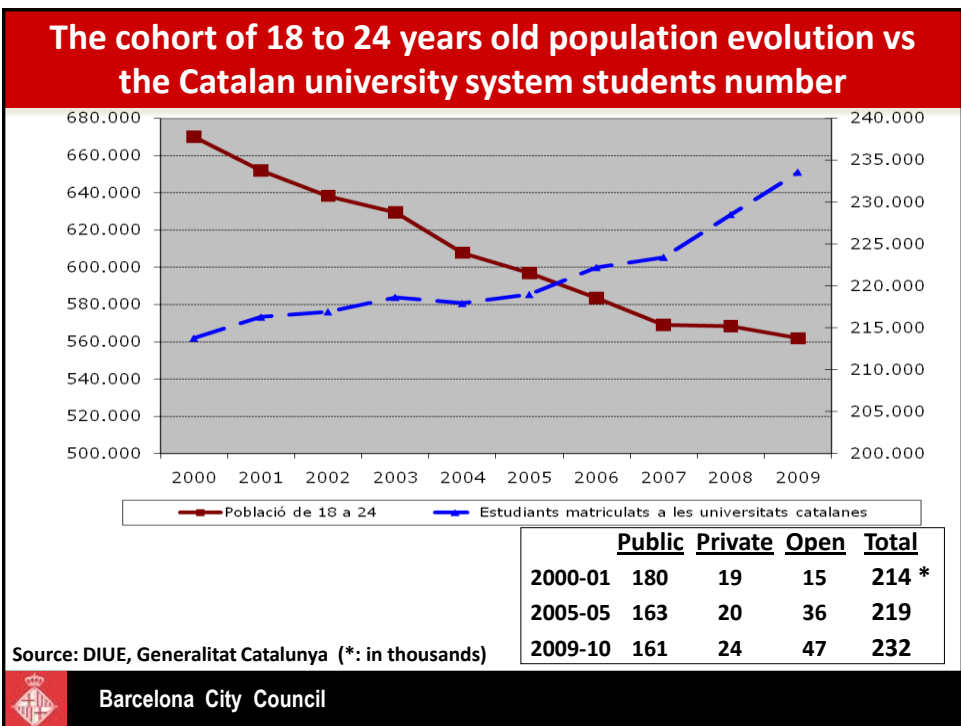
**Catalunya has a rich and consolidated university system, with 12 universities,
7 of them located in the Barcelona Metropolitan Area**

- 7 Public Universities:		161.400.-*
- Universitat de Barcelona (UB)	52.100.-	
- Universitat Autònoma de Barcelona (UAB)	34.700.-	
- Universitat Politècnica de Catalunya (UPC)	30.900.-	
- Universitat Pompeu Fabra (UPF)	10.900.-	
- Universitat Rovira i Virgili (URV)	12.300.-	
- Universitat de Girona (UdG)	12.200.-	
- Universitat de Lleida (UdL)	8.300.-	
- 4 Private Universities:		24.300.-
- Universitat Ramon Llull (URL)	15.400.-	
- Universitat Internacional de Catalunya (UIC)	3.600.-	
- Universitat Abat Oliba CEU	1.700.-	
- Universitat de Vic (UVic)	3.600.-	
- 1 Open Univ. (public funded) : Univ. Oberta de Cat. (UOC)		46.600.-
		TOTAL: 232.300.-

(*) Number of Undergraduate + Postgraduate (Master) students (2009-2010)



Barcelona City Council



World and European Cities ranking according its scientific production

2008 World Ranking	City	2009 World Ranking	2009 Europe Ranking	Documents 2009
1	Peking	1	-	33.376
2	Londres	2	1	30.145
3	Tokio	3	-	28.893
4	Paris	4	2	24.269
5	Nueva York	5	-	22.548
6	Boston	6	-	22.500
7	Seul	7	-	22.294
8	Shanghai	8	-	17.156
9	Moscu	9	3	15.818
10	Madrid	10	4	13.619
11	Los Angeles	11	-	13.113
15	Roma	12	5	12.454
12	Baltimore	13	-	12.414
13	Toronto	14	-	12.414
20	Barcelona	15	6	12.211
14	Filadelfia	16	-	12.199
21	Cambridge-Massachusetts	17	-	12.190

Source: UPC from SCI (Science Citation Index) data, Thomson Reuters, USA



Barcelona City Council

HE in Regional & City Development OECD Review


Ajuntament de Barcelona

ACUP ASSOCIACIÓ CATALANA D'UNIVERSITATS PÚBLIQUES
 
Generalitat de Catalunya


Fundación CYD

Pla Estratègic Metropolità de Barcelona


Barcelona City Council

Catalonia Steering Committee members

- **Generalitat de Catalunya**
-General Director for Universities
- **Rectors**
-UB
-UPF
-URL
-UOC & ACUP President
- **Presidents of University Social Councils**
-UB
-URV
- **Barcelona City Council**
-The first Deputy Mayor
- **Social and economic agents representatives appointed by the Metropolitan Plan**
-UGT, trade union
-Chamber of Commerce of Barcelona
- **Business representatives appointed by the CyD Foundation**
-Ros-Roca Group President
-Freixenet Group & the Barcelona Trade Fair President



Barcelona City Council

The OECD Review: Lessons learned (some of them...)

Challenges

- 1- To build a **stronger relationship** among the different components of the education sector: **upper secondary school, vocational tertiary education and universities**.
- 2- To implement a **comprehensive “tableau du bord” with robust data** to support **evidence-based decision-making** towards targeted efforts to address human capital development needs.
- 3- To **strengthen sectoral orientation in workforce development** and design specific programs to ensure the future enrolment to tertiary education of young people whose parents / families arrived to Catalonia during the last huge immigration wave (2000-2009, around 1 million people).
- 4- To **reinforce** the presence of **entrepreneurship dimension in regular degrees**, specially at the Master level.
- 5- To **map university expertise** and promote PhD mobility to firms to better interface with the productive sectors and companies' needs.



Barcelona City Council

The OECD Review: Lessons learned (some of them...)

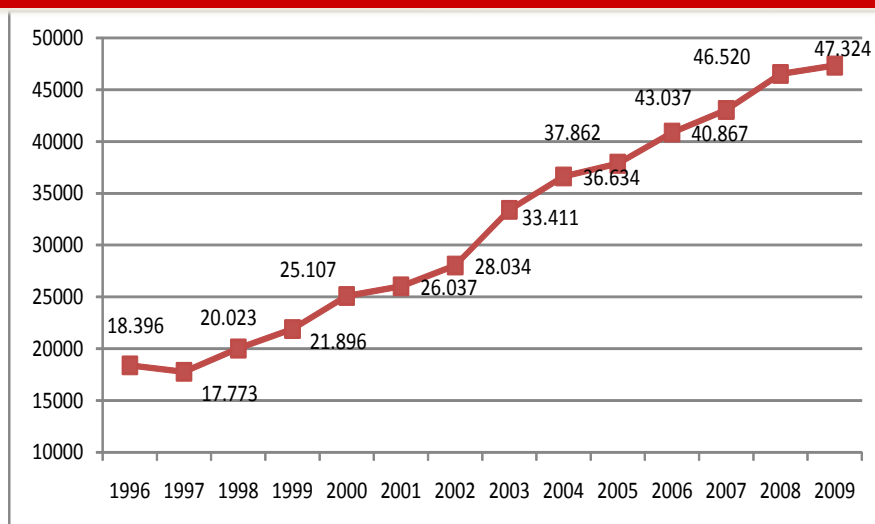
Opportunities

- 1- The implementation of degrees adapted to Bologna, provides an opportunity **to create stronger links between universities and the regional employers** through students internships and work-based learning.
- 2- To promote a **higher education council at the Catalan level**, embracing vocational tertiary education institutions, public and private universities and key stakeholders, including representation of the regional administration and the main social and economic agents.
- 3- To implement “**challenge-driven**” **research grants** for universities, research groups and centres, relevant for the Catalan region development and sustainability and for its citizen welfare.
- 4- To organize and **stimulate firm demand for knowledge** to build up a better interface with universities and research centres, **developing a regional knowledge transfer model**.



Barcelona City Council

Evolution of people employed on knowledge intensive activities in Catalunya (includes R & D and IT)



Font: INE



Barcelona City Council

The Barcelona Agenda on Higher Education

- 1- To **strengthen the links between the City Council, the Barcelona Metropolitan Area universities** and the main social & economic agents, reinforcing the role of the “International Excellence Campuses”, awarded by the Spanish Ministry of Education to UB, UPC, UAB & UPF, as strategic tool in the path towards the “**Barcelona Knowledge City**”.
- 2- Take advantage of the existence of the “**Fundació Barcelona, Formació Professional**” (devoted to Vocational Training promotion) **to develop specific pilot programs to strengths the links among the different levels of tertiary education** and to address the specific education needs of people arrived during the last 10 years to Barcelona, from less developed areas of the world.
- 3- To **reinforce the competitiveness of the main “clusters” developed at the 22@**, the Innovation District, **IT, Media, Biotech, Design and Energy**, by approaching them to the university R+D capabilities and promoting the mobility between firms and the academia.
- 4- To support an **interuniversity platform, the “Barcelona HE Cluster”**, to promote the internationalization of the Masters degrees offered by the HE institutions (public and private) as a tool for talent attraction from elsewhere in the world.



Barcelona City Council

Dr. Xavier Testar xtestar@bcn.cat

Address: 162, Llacuna St., 08018-Barcelona

Thank you !



Barcelona City Council