

1



FINANCIAL RESOURCES FOR RESEARCH AND INNOVATION

Attracting financial resources at Catalan universities, through both competitive and non-competitive funding, is one of the key indicators used in the analysis of research and innovation activities.

In general, the indicators pertaining to fundraising for the research and innovation of Catalan public universities in 2012 have continued on a downward trend both in terms of funds from national programmes (Catalan and Spanish), as well as those from non-competitive sources. The economic returns (€55.4 million) for participation in the 7th Framework Programme of the European Commission is the only area which has continued on an upward path (27%), which in particular has grown compared to 2011 (€43.4 million).

This strong competitiveness of Catalan universities at the international level is also reflected in the number of starting grants awarded (13) compared to 2011 (8), as well as the number per million inhabitants (1.73), which is higher than France (1.26), Germany (1), and much higher than the rest of Spain (0.56) including Catalonia, a performance which is also seen in other ERC programmes, Advanced Grant, and Proof of Concept, in which Catalonia has won three out of four projects in Spain.

Despite the sharp increase in international funding, global capital from public competitive funds has suffered a significant decline, going from €201 million in 2011 to €155.5 million in 2012. Likewise, the funds raised by non-competitive means totalled €68.7 million, 10% less than in 2011 (€76.4 million).

For this reason, Catalan universities have seen a 19% reduction in their financial resources for research and innovation in 2012 (which totalled €224 million), a very similar situation to that which occurred in 2011 (€277 million), where the decrease was 20% compared to 2010 (€347 million). The average income earned by full-time teaching and research staff followed the same trajectory, with a decrease of 18% (€30,878 in 2012 compared to 2011, when it stood at €37,575).

1.1 PUBLIC FUNDING OF RESEARCH

Figure 1. Competitive and non-competitive funding by university and percent of annual budget, 2012.

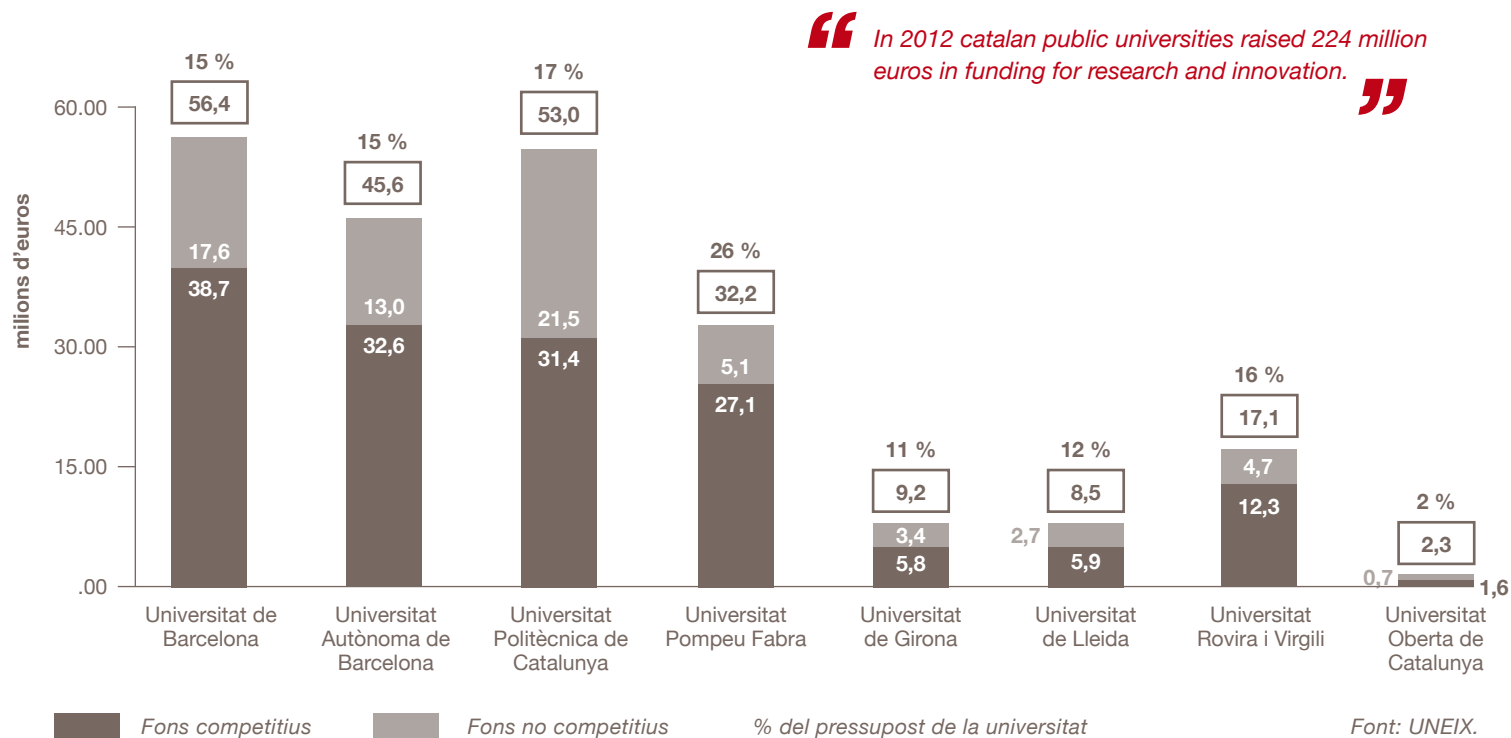
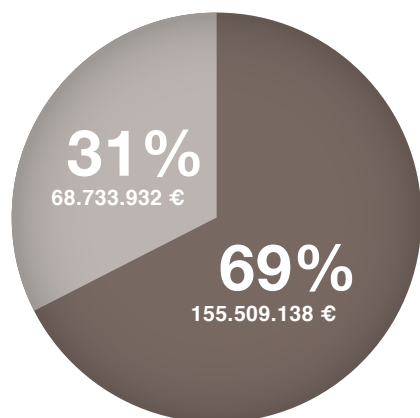


Figure 2. Competitive and non-competitive funding of Catalan public universities, 2012.



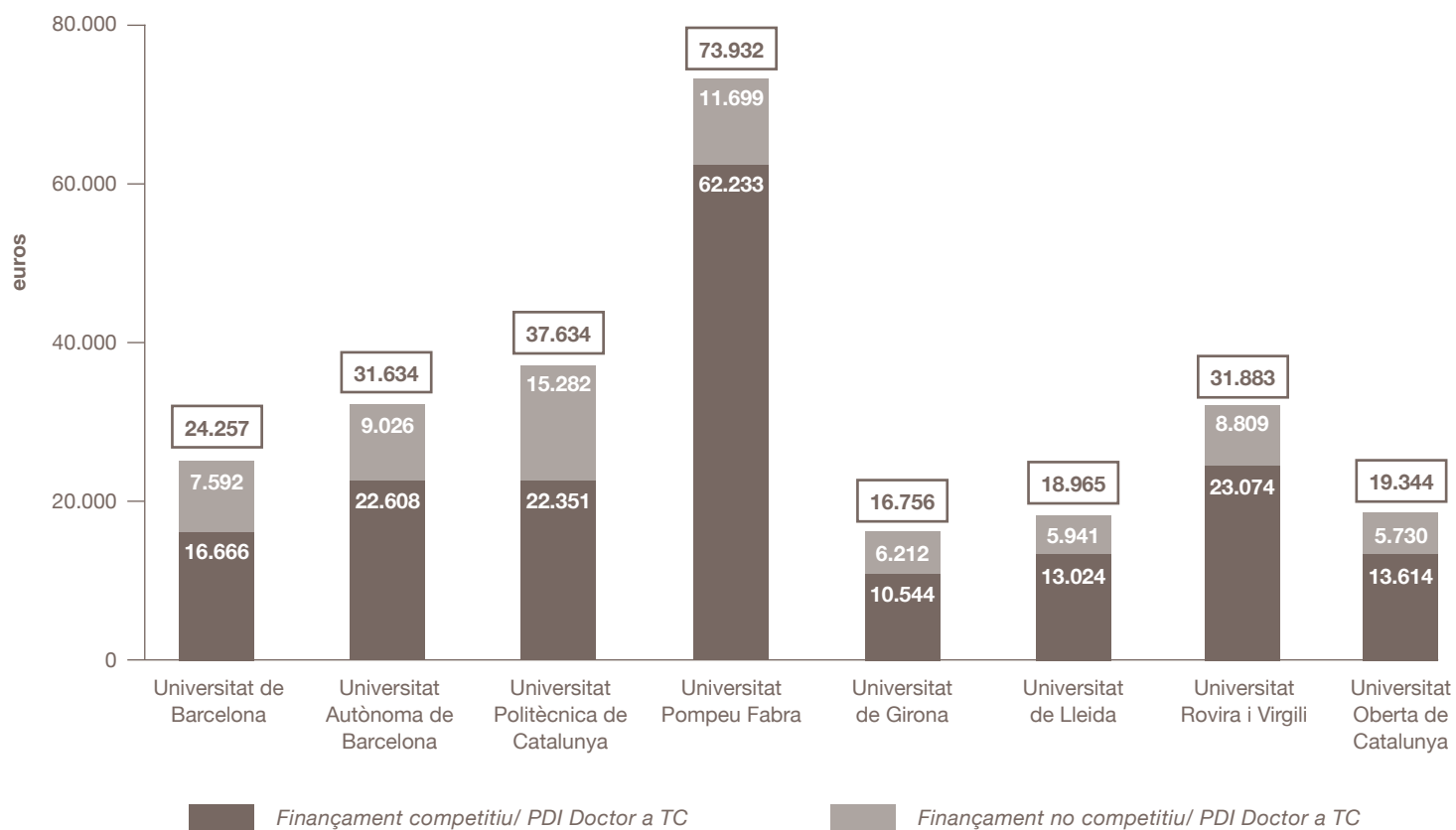
Font: UNEIX.

“ 69 % of funding acquired by Catalan public universities comes from competitive calls for proposals. ”

■ Recursos totals R+D competitiuus
 ■ Recursos totals R+D no competitiuus

Figure 3. Resources obtained for R&D&i as a proportion of doctoral teaching and research staff, 2012.

“ The high level of external funding and research potential attracted an average of €30,879 per researcher in 2012. ”



Font: UNEIX.

Table 1. Sources of competitive funding of Catalan public universities, 2012.

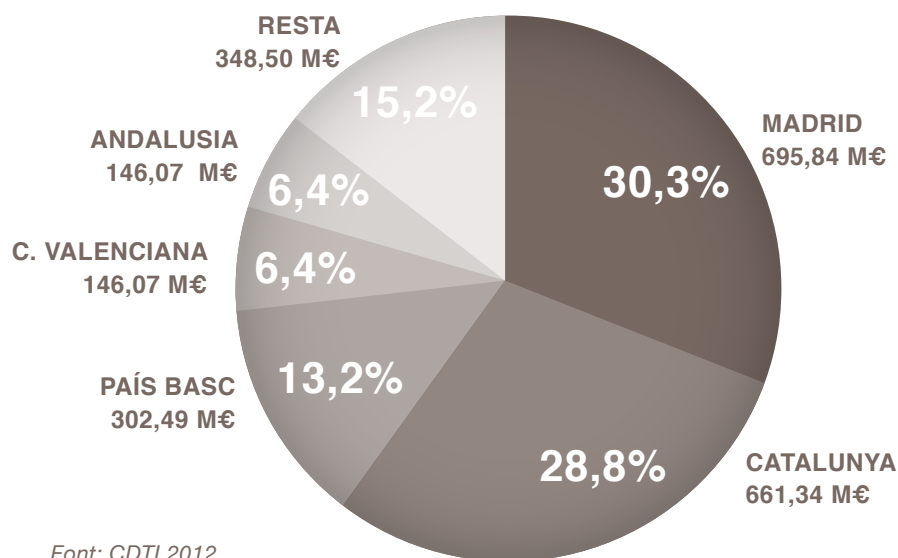
Universitat	Fons autonòmics i estatals		Fons europeus		TOTAL
	Import (€)	%	Import (€)	%	Import (€)
Universitat de Barcelona	31.475.467	81 %	7.255.858	19 %	38.731.326
Universitat Autònoma de Barcelona	23.552.485	72 %	9.002.376	28 %	32.554.861
Universitat Politècnica de Catalunya	18.203.272	58 %	13.245.094	42 %	31.448.366
Universitat Pompeu Fabra	15.017.044	55 %	12.116.628	45 %	27.133.672
Universitat de Girona	5.272.928	91 %	515.609	9 %	5.788.537
Universitat de Lleida	5.659.483	97 %	201.248	3 %	5.860.731
Universitat Rovira i Virgili	7.554.632	61 %	4.789.769	39 %	12.344.401
Universitat Oberta de Catalunya	496.823	30 %	1.150.422	70 %	1.647.245
TOTAL	107.232.134	69 %	48.277.005	31 %	155.509.138

Font: UNEIX.

“ 31 % of competitive funding comes from Europe, 7 percentage points higher than 2011. ”

1.2 THE CATALAN SYSTEM IN THE EUROPEAN CONTEXT

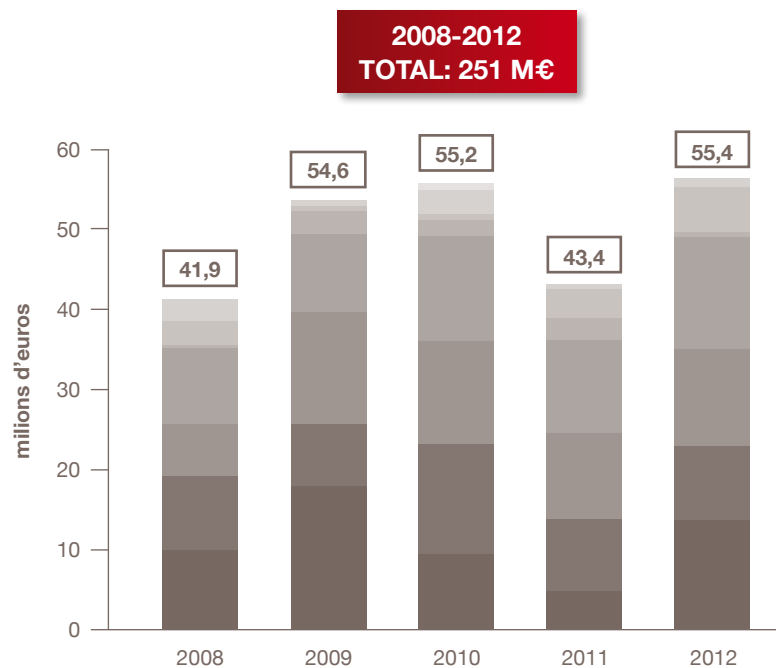
Figure 4. 7th Framework Programme subsidies by autonomous community, 2008-2012.



Font: CDTI 2012.

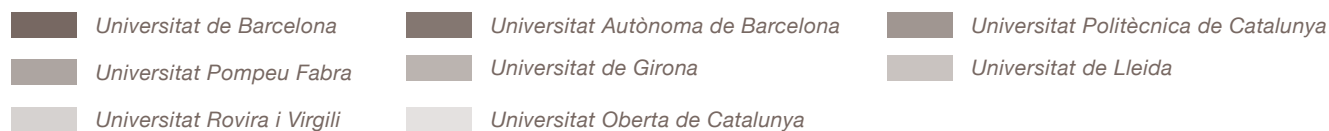
“ During the 2008-2012 period, Catalonia raised funds totalling €661 M through the FP7. ”

Figure 5. 7th Framework Programme funding by university, 2008-2012.



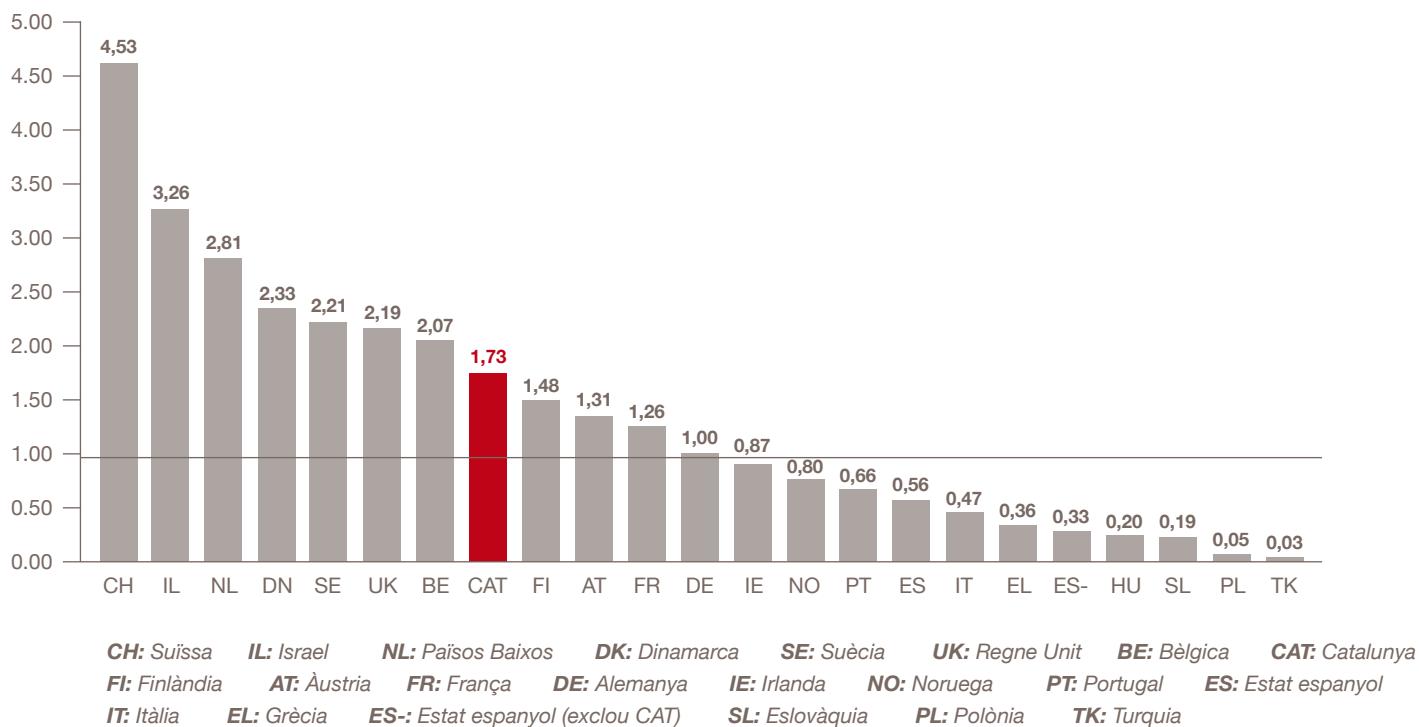
NOTA: A partir de 2012 només es consideren els imports dels ens vinculats si el personal és PDI permanent.

Font: UNEIX i UOC.



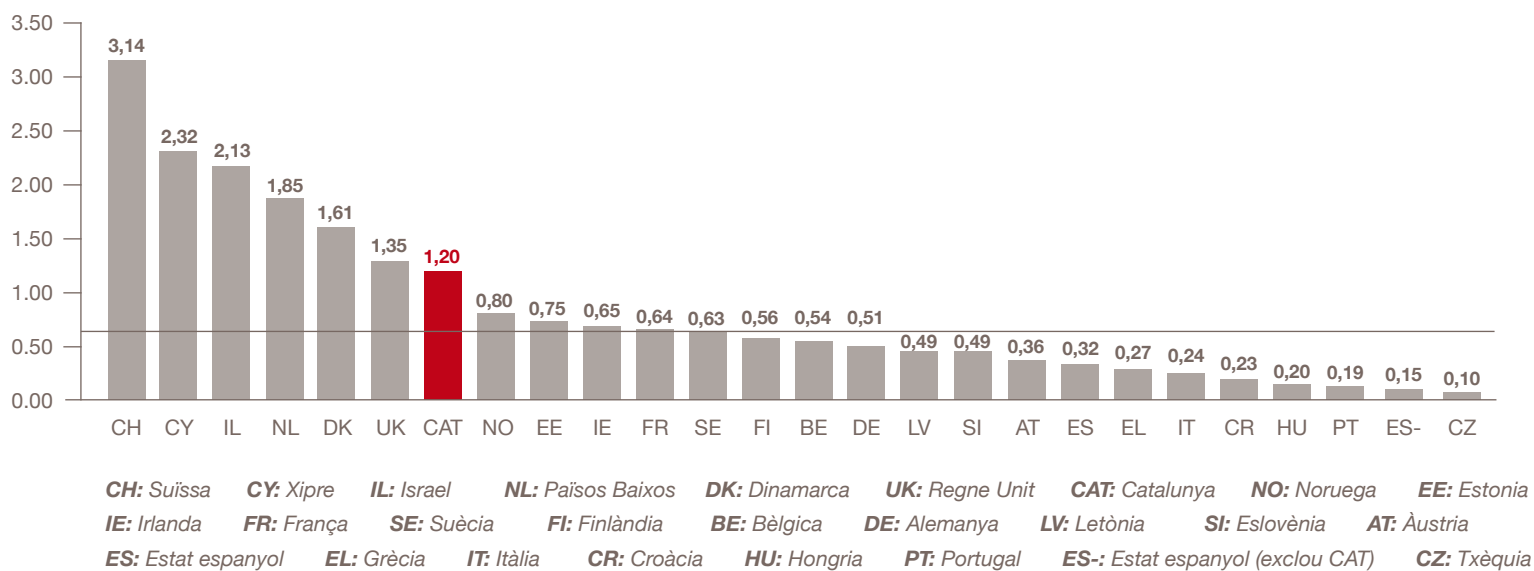
Convocatòries de l'European Research Council (ERC)

Figure 6. Concession per million inhabitants corresponding to the Starting Grants 2012 Calls for Proposals.



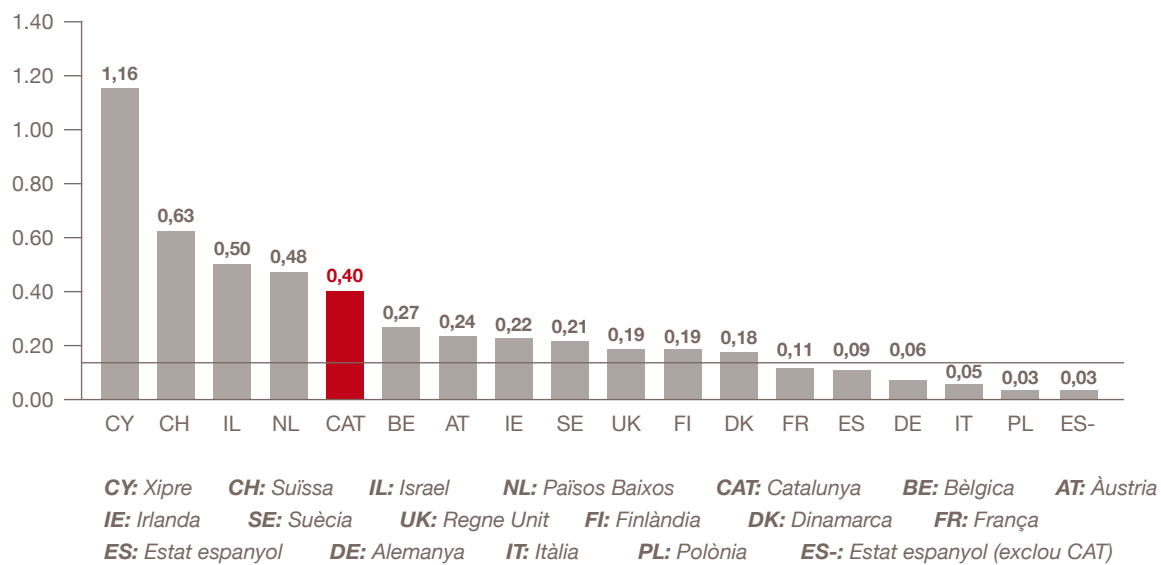
Font: Comissió interdepartamental de Recerca i Innovació. Generalitat de Catalunya i Eurostat

Figure 7. Concession per million inhabitants corresponding to the Advanced Grants 2012 Calls for Proposals.



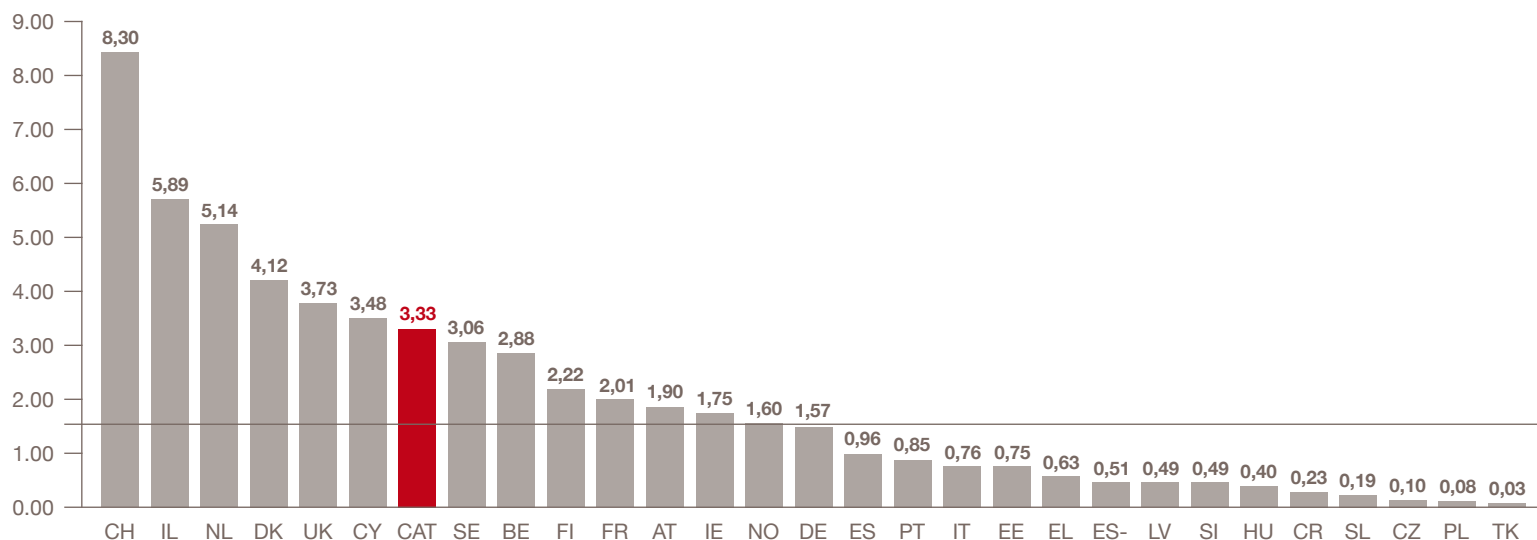
Font: Comissió interdepartamental de Recerca i Innovació. Generalitat de Catalunya i Eurostat

Figure 8. Concession per million inhabitants corresponding to the Proof of Concept 2012 Calls for Proposals.



Font: Comissió interdepartamental de Recerca i Innovació. Generalitat de Catalunya i Eurostat

Figure 9. Concession per million inhabitants corresponding to the Starting, Advanced and Proof of Concept Grants 2012 Calls for Proposals.



CH: Suïssa **IL:** Israel **NL:** Països Baixos **DK:** Dinamarca **UK:** Regne Unit **CY:** Xipre **CAT:** Catalunya **SE:** Suècia
BE: Bèlgica **FI:** Finlàndia **FR:** França **AT:** Àustria **IE:** Irlanda **NO:** Noruega **DE:** Alemanya **ES:** Estat espanyol **PT:** Portugal
IT: Itàlia **EE:** Estonia **EL:** Grècia **ES-:** Estat espanyol (exclou CAT) **LV:** Letònia **SI:** Eslovènia **HU:** Hongria
CR: Croàcia **SL:** Eslovàquia **CZ:** Txèquia **PL:** Polònia **TK:** Turquia

Font: Comissió interdepartamental de Recerca i Innovació. Generalitat de Catalunya i Eurostat

“ In 2012, Catalonia received 25 ERC concessions
 (13 Starting Grants, 9 Advanced Grants and 3 Proof of Concept). **”**