

INNOREDES NEWSLETTER

Technological cooperation networks and innovation. Determinants and impact on Spanish firms' competitiveness

December 2015

Foundation BBVA funds the project
INNOREDES led by the AQR
research group of the University of
Barcelona

Fundación BBVA

In December 2014 **la Fundación BBVA** funded with one of its five scholarships in the Socioeconomics area one research group led by members of the University of Barcelona. The project "Technological cooperation networks and innovation. Determinants and impact on Spanish firms' competitiveness" was one of the five selected ones to be funded in the 2014 call for Scholarships of the Fundación BBVA to Research Projects in Socioeconomics. There were more than a hundred applications.

The general objective of the project, to be executed along two years, is to provide robust evidence on the role played by technological cooperation and the participation in global networks of innovation in the innovation success of Spanish firms. The project also aims to study the impact of such networks of cooperation on the economic performance of firms, specially in relation to its international competitiveness, as well as the generation of labour and inequalities.

Members of the research group



The research team consists of seven members of the research group AQR of the University of Barcelona: R. Moreno, como IP, J.Ll. Carrión, E. López-Bazo, R. Ramos, V. Royuela, J. Suriñach and E. Vayá.

It also counts on the participation of R. Crescenzi (LSE), E. Miguelez (Univ. Bordeaux) and S. Usai (CRENoS-Univ. of Cagliari).

Results

INNOREDES 1.1. Technological cooperation in Spanish firms

INNOREDES 2.1. Main determinants of R&D Cooperation: Empirical evidence for the Spanish case

INNOREDES 2.2. Persistence in R&D collaborative agreements in Spain

INNOREDES 4.1. The impact of technological variety in co-patenting networks



Blog entries

The impact of technological variety in co-patenting networks, *18th December, 2015*

Determinants of R&D cooperation. Differences across partners and sectors, *18th December, 2015*

Comparing Spanish innovative and cooperative firms to other European countries: Evidence from the Community Innovation Survey in 2004-2012, *13th November, 2015*

Does technological cooperation impact innovative performance in Spanish firms?, *28th July, 2015*

How importantly is technological cooperation used by Spanish firms?, *28th July, 2015*

Objetives

This project aims to provide **robust evidence** on the role played by **technological cooperation** and the **participation in global networks** of innovation in the **innovation success of Spanish firms**. The project also aims to study the **impact** of such networks of cooperation on the **economic performance** of firms, specially in relation to its **international competitiveness**, as well as the generation of **labour and inequalities**.

Value added and main beneficiaries

The project is expected to produce benefits in three different levels. First, the results of the research carried out in the Project will be diffused through the traditional channels to the **national and international academical communities** tightly linked to the topic under analysis. At the same time, we will use a set of activities in order to guarantee the diffusion of the results to those **policy makers** interested in them, as well as to the **society in general** and, more specifically, to the **business organizations interested in the promotion of innovation**.

INNOREDES tasks

Num.	Task
1	Analysis of the potential deficit in technological cooperation in Spanish firms and the consequences on their low levels of innovation, specially in the case of the SMEs in a moment of economic crisis.
2	Study the main determinants of technological collaboration depending on the organizational diversity of such such collaboration agreements.
3	Evaluate the different impact that the geographical dimension of the innovation networks may have on the innovation performance of Spanish firms, with special emphasis in economic crises.
4	Determine the effect of the technological diversity of the innovation networks in the generation of new knowledge. This analysis will be done both at the firm and the regional level.
5	Analyse the impact of the participation in technological collaboration networks, both local and global, according to the socio-economic characteristics of the regions.
6	Estudy to what extent the innovation, in general, and the one made through networks, in particular, may enhance the internationalization of Spanish firms.
7	Quantify the impact of innovation on low and high-skilled labour, through the consideration of both direct and indirect channels. In addition, we plan to analyse the impact on the wage gap between low and high-skilled workers and, related to this, on the inequality in revenues in Spain.

How to be informed: www.proyectoinnoredes.wordpress.com/

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