

24. Industrial Doctorates plan

MUNICIPALITIES

The whole of Catalonia, including the Metropolitan Area of Barcelona.

HEADING

The Government is encouraging the transfer of the knowledge from universities to companies with the Industrial Doctorates plan.

ECONOMIC AND TECHNICAL DETAILS

- Pilot test:
 - o Term: 2013-2015
 - o 20 doctorate projects selected during 2012
- First edition:
 - o Term: 2014-2016
 - o 100 doctorate projects

PROJECT DESCRIPTION

The Industrial Doctorates plan is run by the Secretariat for Universities and Research of the Ministry of the Economy and Knowledge, Government of Catalonia, so that each year, to promote one hundred new collaborative research projects between companies and/or institutions and universities. These will be the guiding thread in the training of some PhD students, with a new profile more oriented towards a professional career in the business world. The objectives are as follows:

- to contribute to the competitiveness of the Catalan industrial fabric,
- to retain talent, and
- to prepare PhD students to carry out R+D+I projects when in a company post.

The main characteristic of the industrial doctorates programme is that the thesis the trainee researchers produce will be completed as part of a research project between a company or institution and a university, with both bodies responsible for defining its main features.

From the start, each PhD student will be in company employment with a thesis director from the university and a supervisor from the company. They must devote 100% of their time to working on their research, divided 50% between the company and the university. The costs of each PhD (matriculation, earnings, associated costs, mobility grant, etc.) will also be assumed 50% between the administration and the company. The thesis must be defended within three years from the start at most.

The programme must assume and make clear that it is based on R+D+I, i.e. that it is intended to train researchers to be capable of directing research, development and innovation projects, and will ensure that the thesis incorporates original research results. At the same time, for industrial companies, the PhD students are a good opportunity to take advantage of the state-of-the-art knowledge and leading teams of universities and research centres, and in particular as a strategy for capturing talent of great added value.

PROJECT ADDRESS

[none]

RESPONSIBLE

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