

Doctoral education for the regional labour market

Context & relevance

The following issues need to be addressed:

- the **overproduction** of doctoral graduates
- the **bottleneck** in the academic labour market;
- the **skills mismatch** in the non-academic labour market.

Universities need to be aware of **new expectations for doctoral skills from non-academic stakeholders** and to integrate them in their curriculum.

Contact

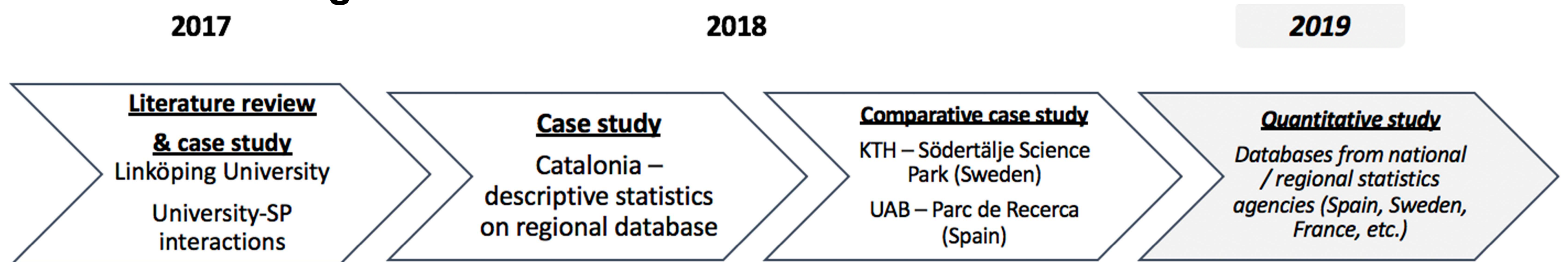


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Research Aim

To explore how universities can take part in regional development by adapting doctoral education to both academic and non-academic labour markets for doctorate holders.

Research Design



Research Highlights

Typology of University-Science Park interactions to attract and develop talent.

		Interactions with Science Park tenants having a:	
		Lower maturity	Higher maturity
Formalism of interactions	Formal	Support talent in the development of new ideas and creation of new firms.	Support firms in spotting talent in the university, and create opportunities for temporary involvement.
	Informal	Create meeting places so that talent can find inspiration and resources.	Create an environment where firms can express their needs for skills.

Characteristics of doctorate holders' regional non-academic labour market:

- Doctorate holders may renounce to the use of their doctoral degree in order to find employment.
- Non-academic regional employers do not grasp the added value of the doctoral degree compared with other higher-education degrees.

Adaptation of doctoral education to the needs of the regional non-academic labour market:

- Similar processes are observed in two EU cases, with difference strengths and weaknesses.
- Geographical proximity helps the creation of a cognitive proximity that can help reduce the mismatch.

From: Book chapter by Cadarin, E., Germain-Alamartine, E., Bienkowska, D., Klofsten, M.: **“Universities and Science Parks: Engagements and Interactions in Developing and Attracting Talent”** to be published in *Developing Engaged and Entrepreneurial Universities* (Springer)

From: Germain-Alamartine, E.: **“Doctoral education and employment in the regions: The case of Catalonia”** (submitted to *Regional Studies, Regional Science*)

From: Germain-Alamartine, E., Moghadam-Saman, S.: **“Providing doctoral skills to the regional labour market: Cases of University relations with Science Parks”** (to be submitted)



The Role of
Universities in
Innovation and
Regional Development

HELIX COMPETENCE CENTRE



The project has received funding from the European Union's Horizon 2020 research and innovation programme under Marie Skłodowska-Curie grant agreement No. 722295

