

Firm Performance and Multi-Scale Territorial Resources in Wallonia: Towards a Model using Business Accounting?

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PhD project and aim of this research

Why? In Europe (and in Wallonia), most public policies related to regional development and economic development aim to stimulate/reinforce the “territorial resources” in order to improve the competitiveness of the (Walloon, Belgian or European) firms. For instance, in Wallonia, one of the key action of the Marshall Plan (i.e. the main regional strategy in the domain of economic development) aims to “mobilize the territory” (in French, « mobilisation du territoire à destination du développement économique »). In this perspective, our objective is to quantify and analyse the territorial resources that impact the performance of Walloon or Belgian firms, with the final aim to advice the policy makers and to improve the related public policies. This topic is related to questions such as:

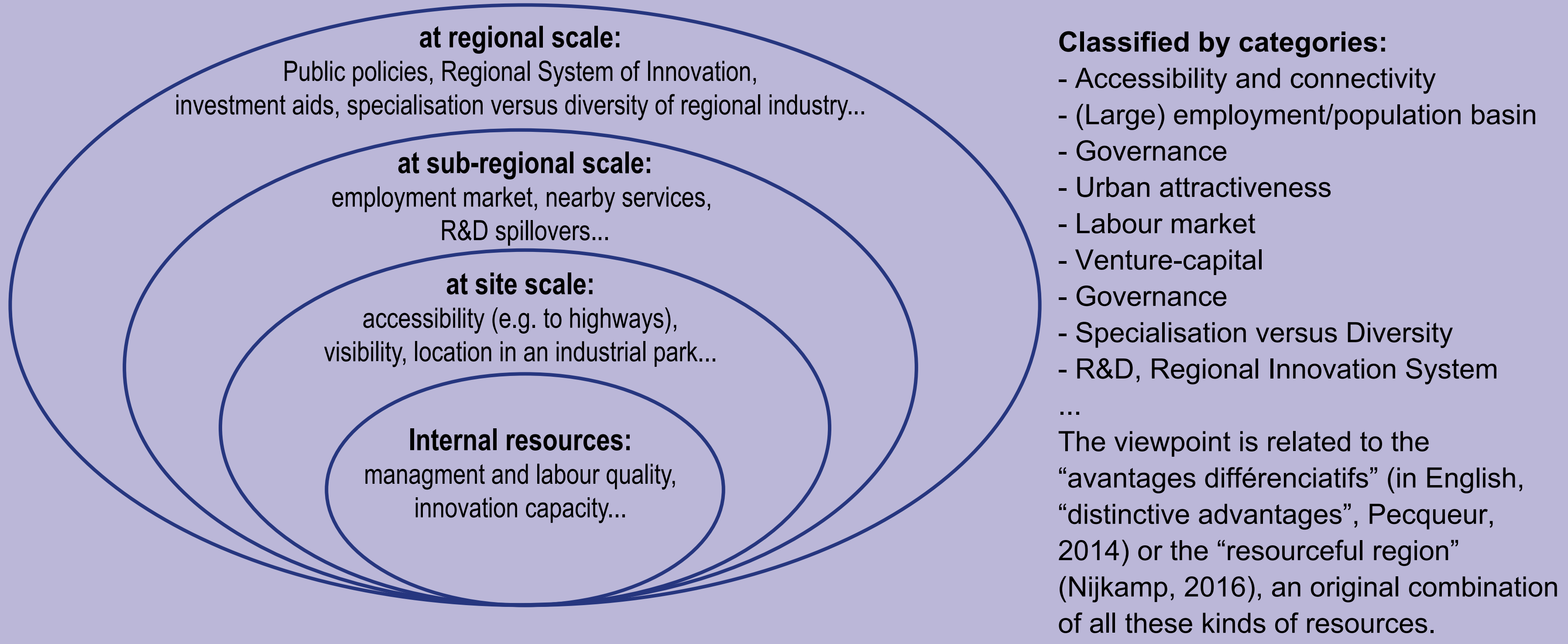
- Does a better accessibility of economic estates improve the performance of firms?
- Are cultural amenities (in order to attract talents) and land prices (in order to reduce their costs) strategic competitive advantages for firms?

Main goal of PhD project: highlighting the territorial resources influencing the performance of Walloon (Belgian) firms in four steps:

1. Literature review
2. Analysis of business accounting coupled with indicators of territorial resources (the purpose of this poster)
3. Hedonic model of property prices for the Walloon firms
4. Survey of the “territorial” needs of business owner

Multi-scale territorial resources?

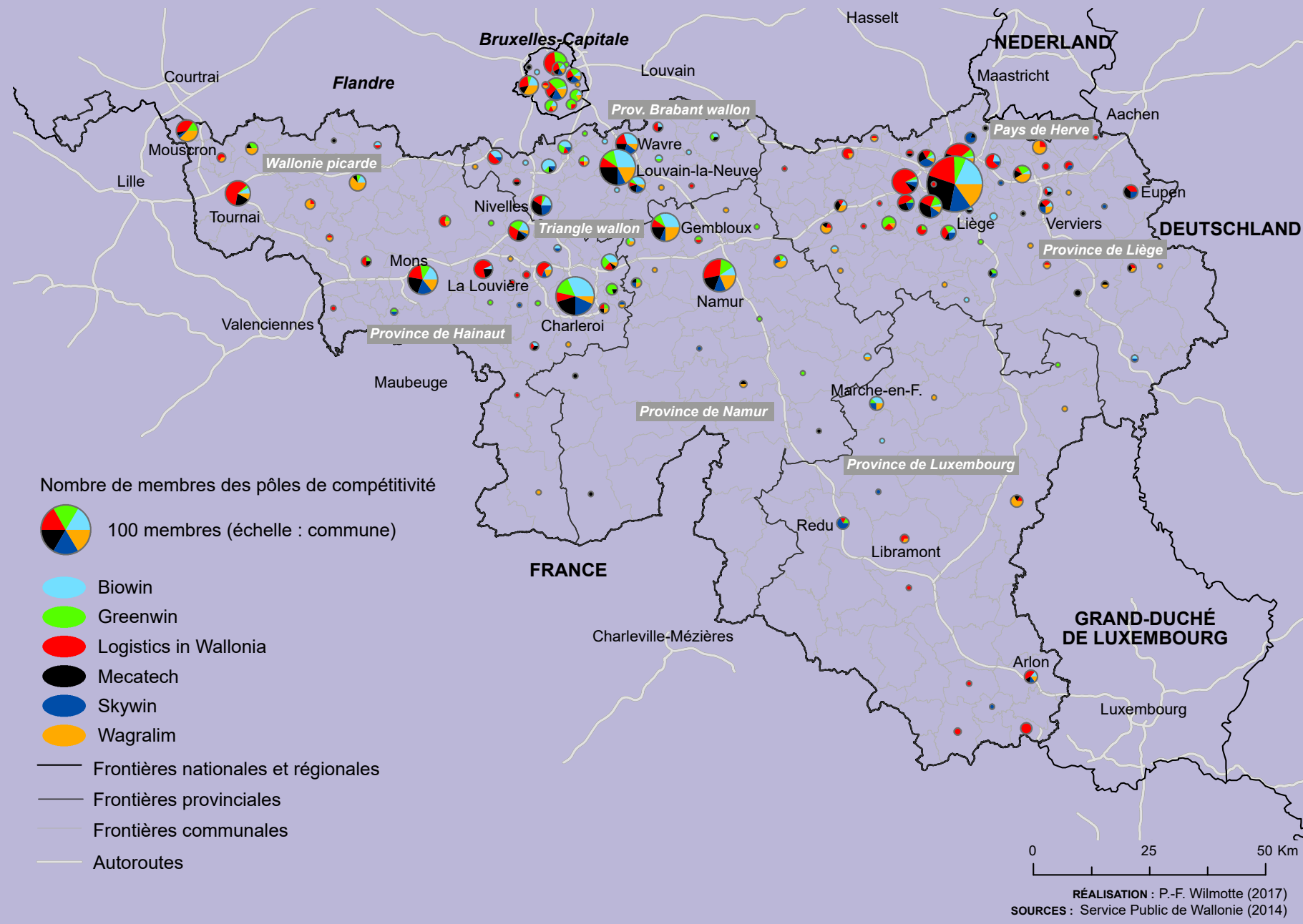
Our definition: it means the specific features of the territories that affect the ability of companies to develop their business.



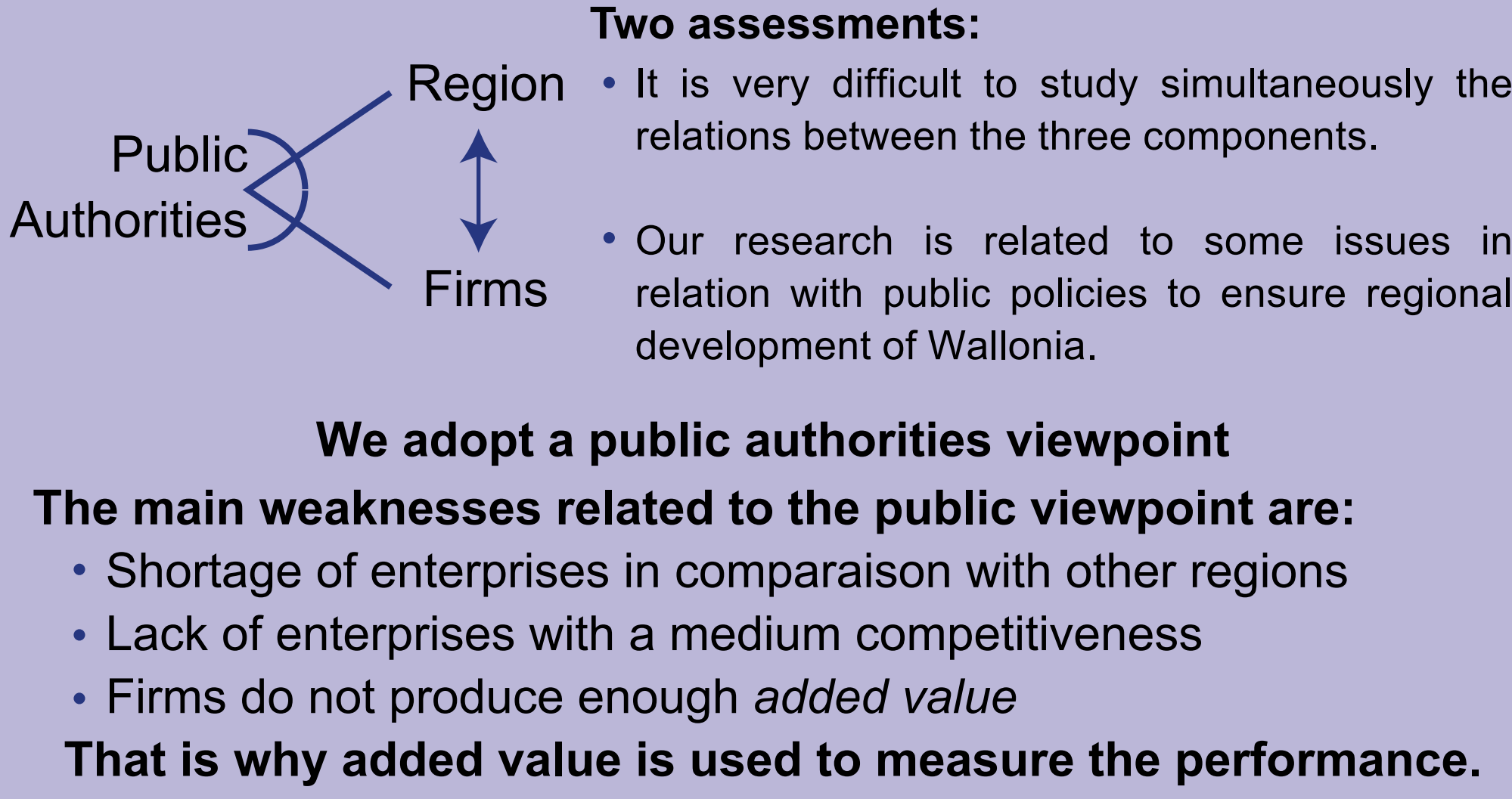
Study area

Wallonia because of the availability of data: we can use a Walloon database on firm’s accounting information.

The map illustrates the geography of Walloon clusters, reflecting the unequal economic development of the region and we postulate an unequal territorial resources endowment.



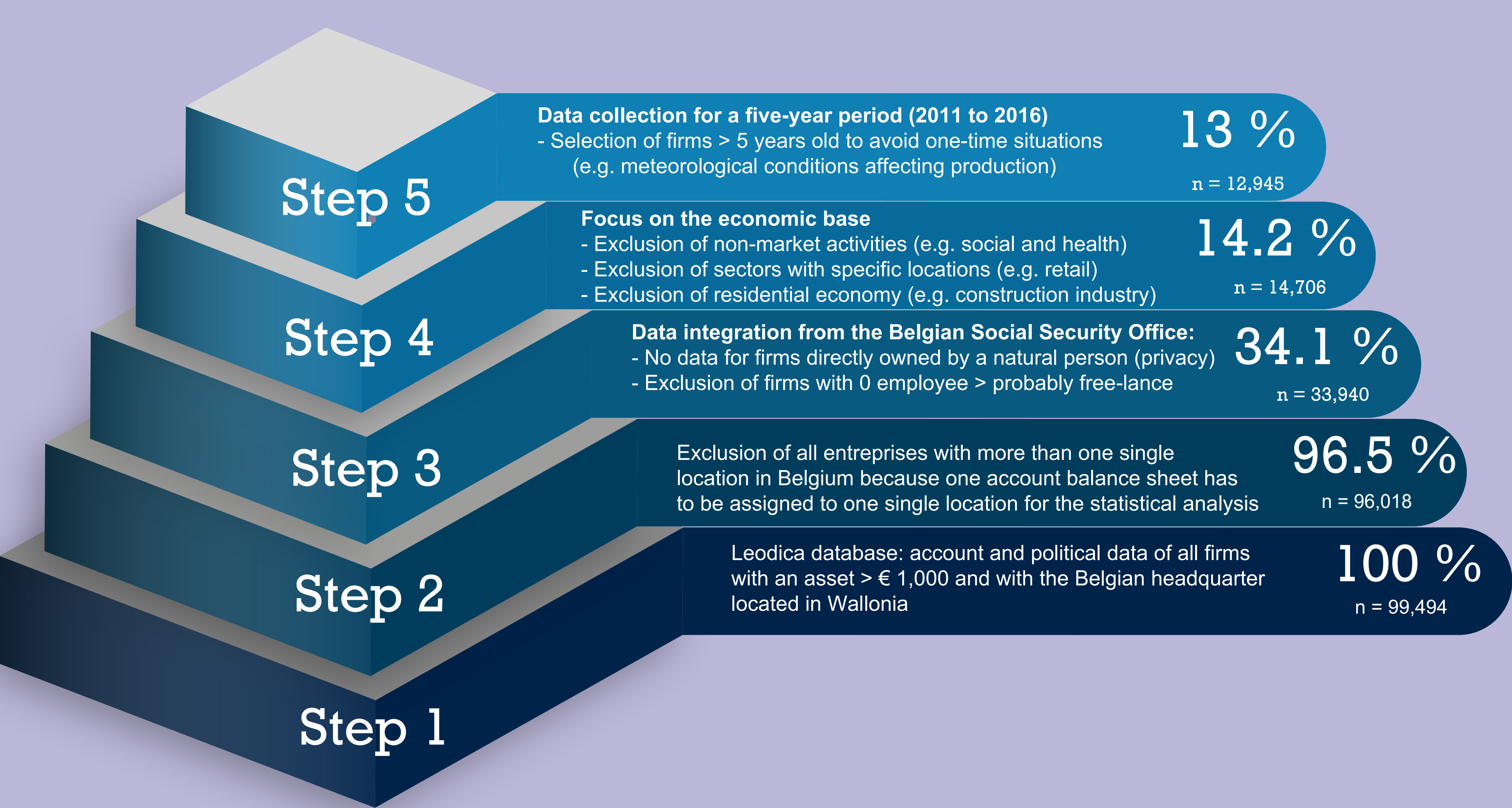
Firm performance?



Towards indicators reflecting internal and territorial resources

Value added		
Internal resources	Location resources	Human resources
1/ Turnover 2/ Assets and fixed assets 3/ Property : national or foreign ; public or private 4/ Cash-flow 5/ (Number of) jobs and staff costs 6/ Productivity (related to the NACE sector) 7/ Age	1/ Local accessibility : time to reach the nearest highway 2/ Regional accessibility : ESPON accessibility index 3/ Time to reach the nearest metropolis or main city 4/ Location in a business park : yes or no 5/ Internet connectivity 6/ Accessibility by public transport, bike or on foot 7/ Urban density close by the firm	1/ Median income 2/ Activity rate 3/ Highly educated share in the population 4/ Liberal vote share as a proxy of entrepreneurship 5/ Number of Walloon cluster's members nearby 6/ Business creation related to the workforce 7/ Over 65 years old share 8/ Workforce share in large companies

From the Belgian National Bank data to our dataset



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