

Indicator metadata: Untapped potentials in innovation

Untapped potentials in CE in innovation activities (Trademark applications to the EPO per 1 million inhabitants). The quantification of the untapped potentials in the CE area was run through the following two main regression models:

$$\Delta Y = \alpha + \sum \beta_k \text{control}_k + \gamma \text{border} + \delta_i \text{assets}_i + \theta_i \text{border} * \text{assets}_i + \mu_{ij} \text{border} * \text{assets}_i * \text{inst_barrier} + \sum \rho_c \text{country}_c = 1..n + \varepsilon_{ij}$$

where ΔY is the 2008-2018 regional growth rate, i refers to assets, inst_barrier to whether the region suffers from institutional and legal barriers more than the average, and c to countries. δ_i measures the impact of each regional growth asset i on regional growth, θ_i measures specifically the impact of asset i on the growth of international border regions with respect to all other regions, and μ_{ij} measures the impact of assets i on the growth of border regions characterized by legal and administrative barriers j , with respects to all other regions.

When μ_{ij} is found to be negative and significant, this suggests that CE regions characterised by legal and administrative

Theme(s): Economy, finance and trade - Economy, Finance and Trade

Introduction

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Territorial information:

Nomenclature

Spatial Extent	name	version	level
Central Europe	NUTS	2013	3

Years: 2013

Structure

- up_multi (/indicator/2232/)
 - up_grow (/indicator/2261/)
 - up_manu (/indicator/2262/)
 - up_trust (/indicator/2263/)
 - up_agglo (/indicator/2264/)
 - **up_innov**
 - up_lm (/indicator/2266/)
 - up_finan (/indicator/2267/)
 - up_partn (/indicator/2268/)
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 - up_acces (/indicator/2270/)
 - up Markt (/indicator/2308/)

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File

- Data (JSON, browse webservice) (/api/public/indicator-data/2265/)
- Metadata INSPIRE (XML) (/indicator/2265/metadata-inspire.xml)
- Metadata ESPON (printable) (/indicator/2265/metadata-espon/)
- Indicator package (CSV+XLS) (ZIP 29.0 KB) (/private-media/object/2265/ind_2265_up_innov_csv.zip)
- Indicator package (SHAPE) (ZIP 257.8 KB) (/private-media/object/2265/ind_2265_up_innov_shp.zip)

- Project package (all data of the related project) (/private-media/object/2328/project_ce-flows-spatial-dynamics-and-integrated-territorial-development-sce_DrbKgqQ.zip)

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- Constraints - Use constraint: copyright (default)

Methodology

No description!

Other attributes

Id:	2265
Status:	Key indicator
Name:	Untapped potentials in innovation
Code:	up_innov
Is standard?:	True
Is base indicator?:	False
Type:	Class
Data type:	Float
Unit of measure - Numerator / Denominator	None (composite indicator)
Name:	
Unit of measure - Numerator / Denominator	1
Scale:	
Is a ranking?:	False
Main Theme:	Economy, finance and trade - Economy, Finance and Trade
Nature type:	Other
Labels:	None