

European Territorial Cooperation 2007 – 2013

# Annex to the Operational Programme Alpine Space

investing in your future



## Partner States:

Austria  
France  
Germany  
Italy  
Liechtenstein  
Slovenia  
Switzerland



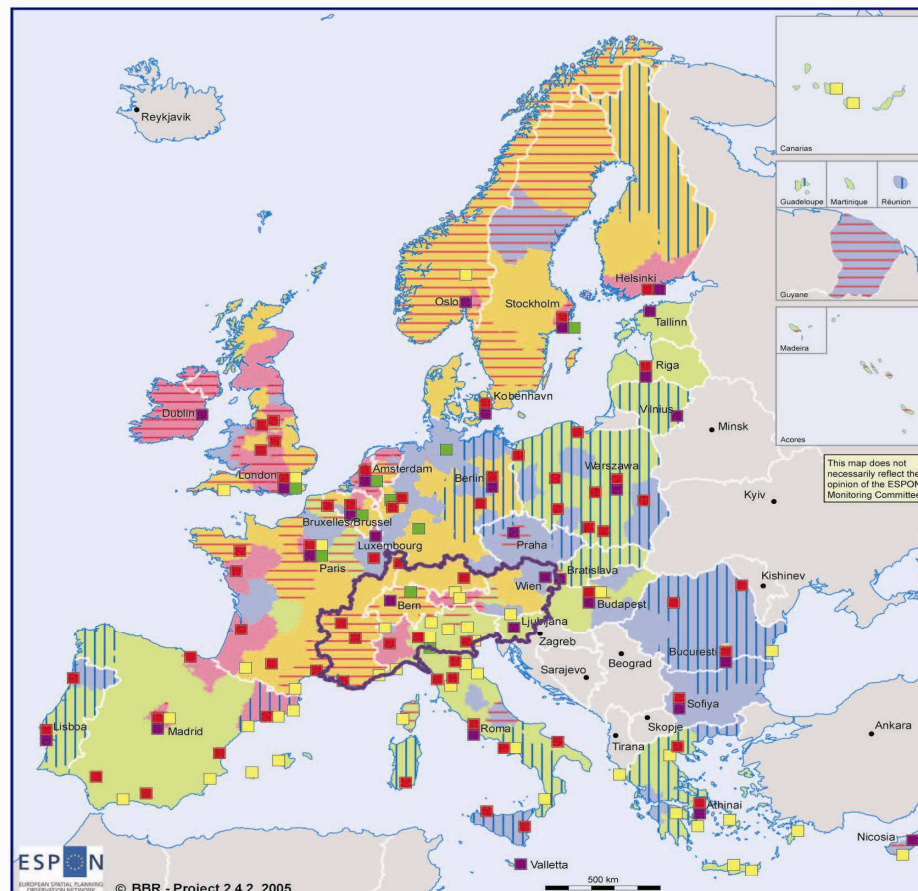
The programme is co-funded  
by the European Regional  
Development Fund

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## ANNEX: THEMATIC MAPS

**MAP 1: ECONOMIC SETTING AND LISBON ORIENTATION (SOURCE: ESPON DATABASE).**



### Economic setting and Lisbon orientation

- Economically strong with high Lisbon orientation
- Economic growth potential with deficits in Lisbon orientation
- Less distinct economic trend with high Lisbon orientation
- Weaker economic trend with deficits in Lisbon orientation

### Dominance of selected functions of national / european and global significance of the ESPON FUA's

- University  Tourism
- Administration  Decision making

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### Labour Market

According to the Regional Classification of Europe combined indicator value in relation to the regional average of ESPON countries

- below average
- above average

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Regional level: NUTS 2  
Origin of data: ESPON 1.1.1 Nordregio; ESPON 2.4.2 BBR, own calculations

Source: ESPON database

### Economic setting: aggregate of 2 indicators:

- GDP (GDP per capita in PPS 2002) +
- GDP growth (Growth in GDP per capita in PPS 1995-2002, in %) +

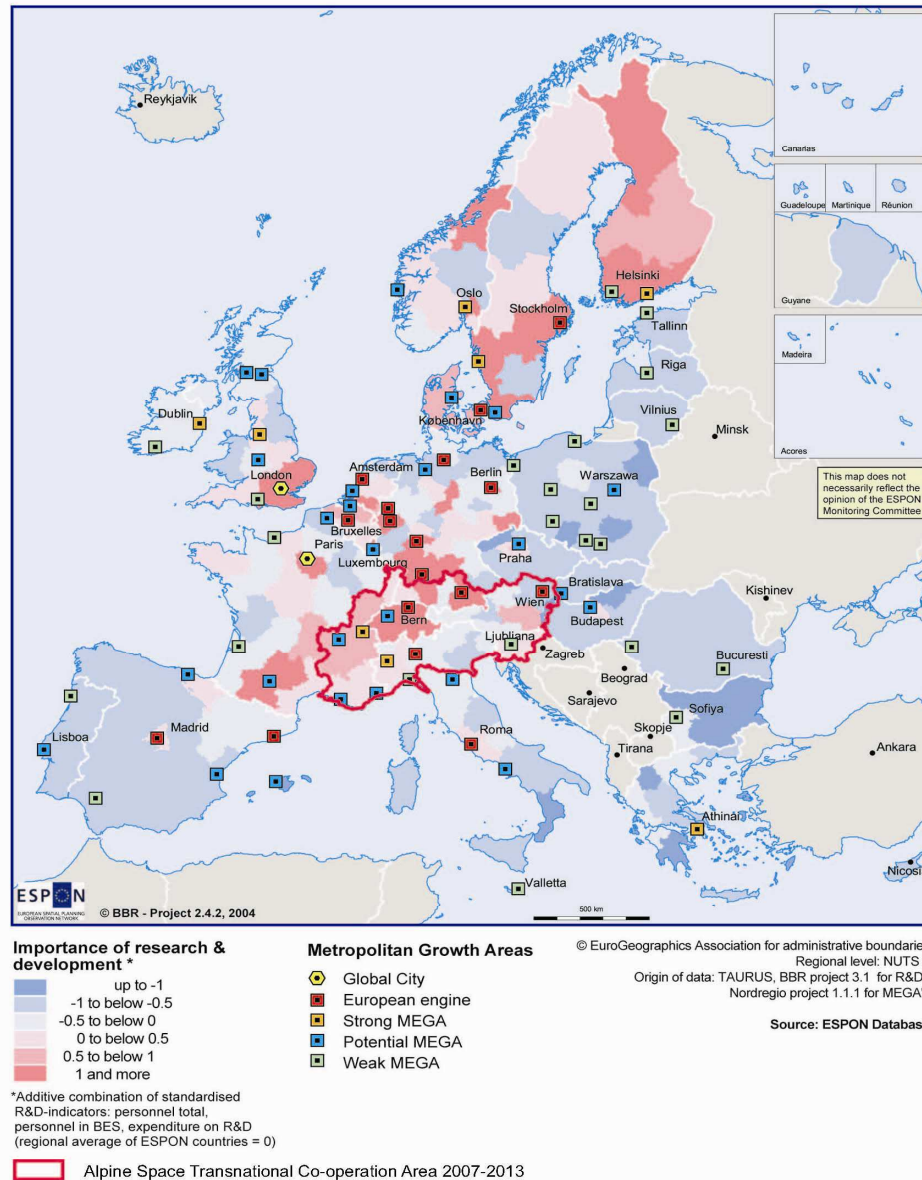
### Lisbon orientation: aggregate of 6 indicators:

- Productivity (GDP per person employed 2002) +
- Employment rate (Employed population / population aged 15-64 2003) +
- Expenditure on R&D (Expenditure on R&D / Total GDP 2001) +
- R&D Business Enterprise Sector (Personnel / 1,000 active person 2001) +
- High educated population (Highly educated population / total educated population 2002) +

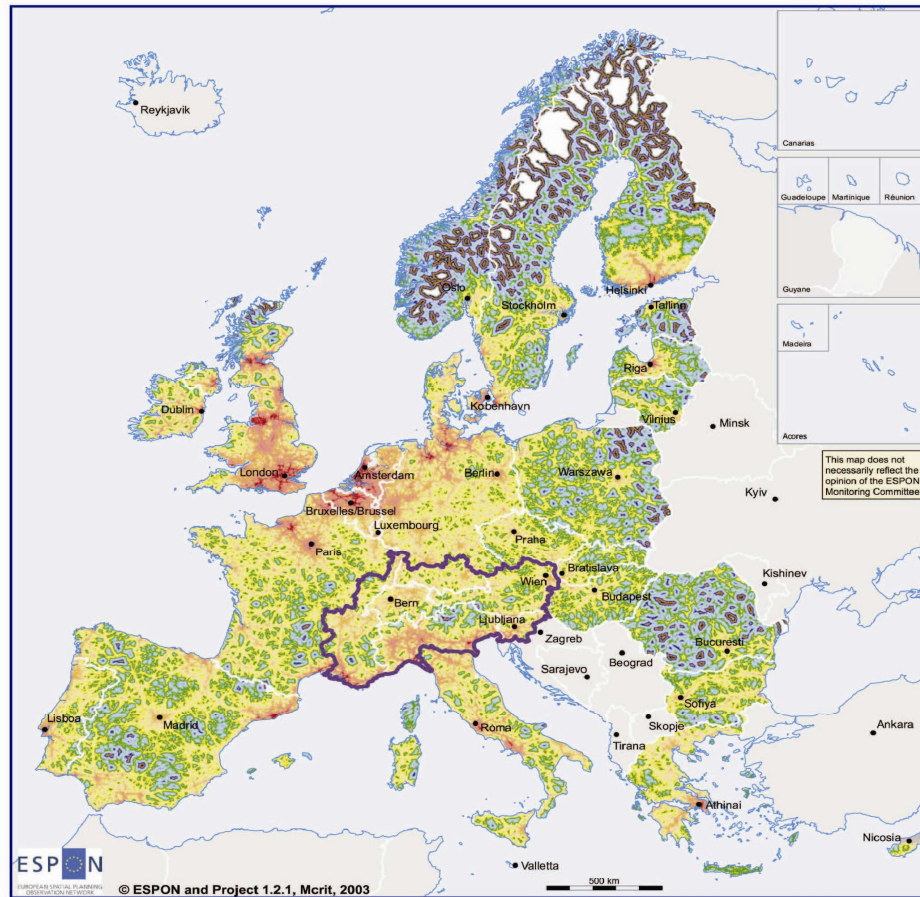
### Labour market: aggregate of 6 indicators:

- Unemployment (Unemployment rate 2003) -
- Development of unemployment (Change of unemployment rate 1999-2003 in pp) -
- Youth unemployment (Unemployed <25 years per 1,000 inh. 15-25 years 2003)
- Labour force replacement ratio (Population ages 10-19 / pop. ages 55-64) +
- Employment density (Number of persons employed per km2 2003) +
- Employment in tertiary sector (Share of total employment 2003) +

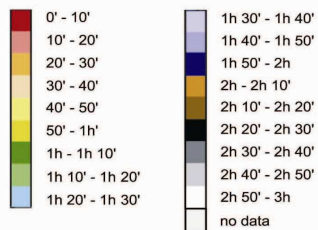
## MAP 2: IMPORTANCE OF RESEARCH AND DEVELOPMENT IN NUTS III REGIONS (SOURCE: ESPON DATABASE).



### MAP 3: CONNECTIVITY TO TRANSPORT TERMINALS (SOURCE: ESPON DATABASE).



#### Access time

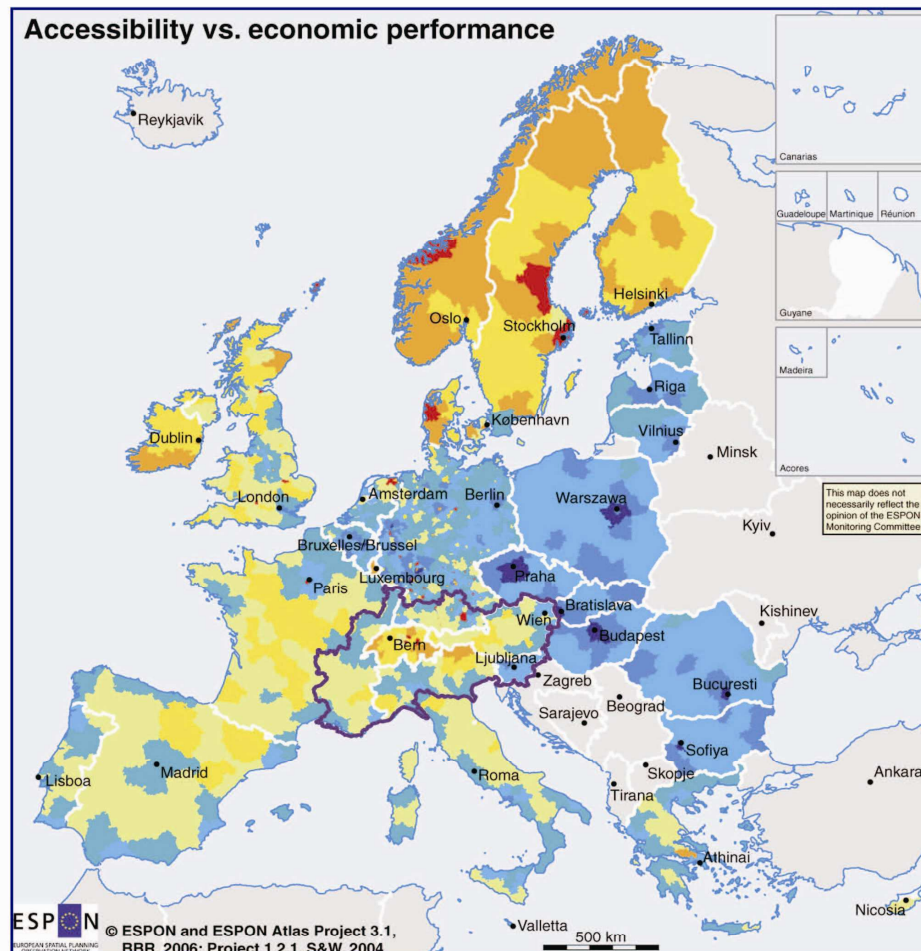


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Origin of data: ASSEMBLING graph,  
European Commission  
Cyprus: data for government controlled areas only  
Source: ESPON Database



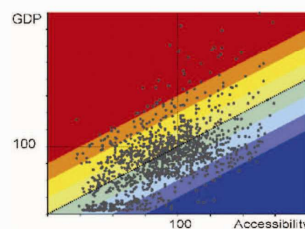
# **MAP 4: ACCESSIBILITY AND ECONOMIC PERFORMANCE (SOURCE: ESPON DATABASE).**



## **Relation of economic performance and location**

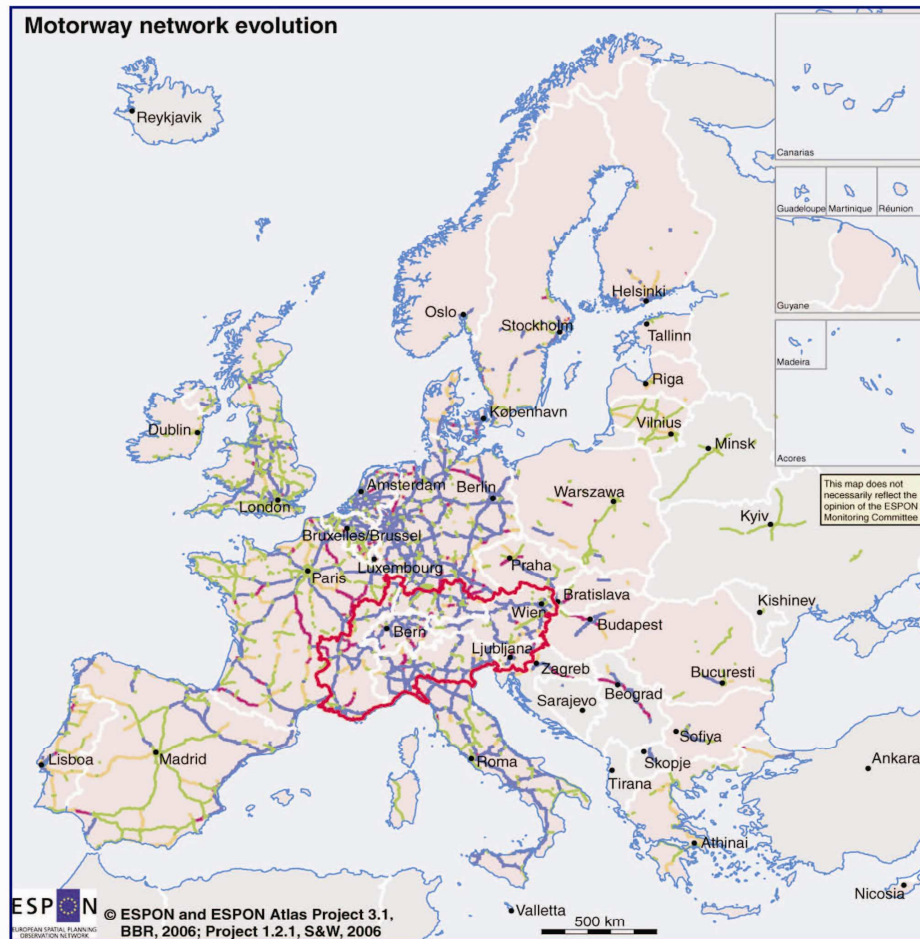
- Strong underperformance
- Clear underperformance
- Underperformance
- Little underperformance
- Little overperformance
- Overperformance
- Clear overperformance
- Strong overperformance
- no data

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Regional level: NUTS 3  
Origin of data: ESPON Project 1.2.1  
Source: ESPON database

## MAP 5: EVOLUTION OF THE MOTORWAY NETWORK (SOURCE: ESPON DATABASE).



### Motorway network

- Existing in 1981
- Added until 1991
- Added until 2001
- Dual carriageways 2001
- no data

  Boundary of the Alpine Space Transnational Co-operation Area 2007-2013

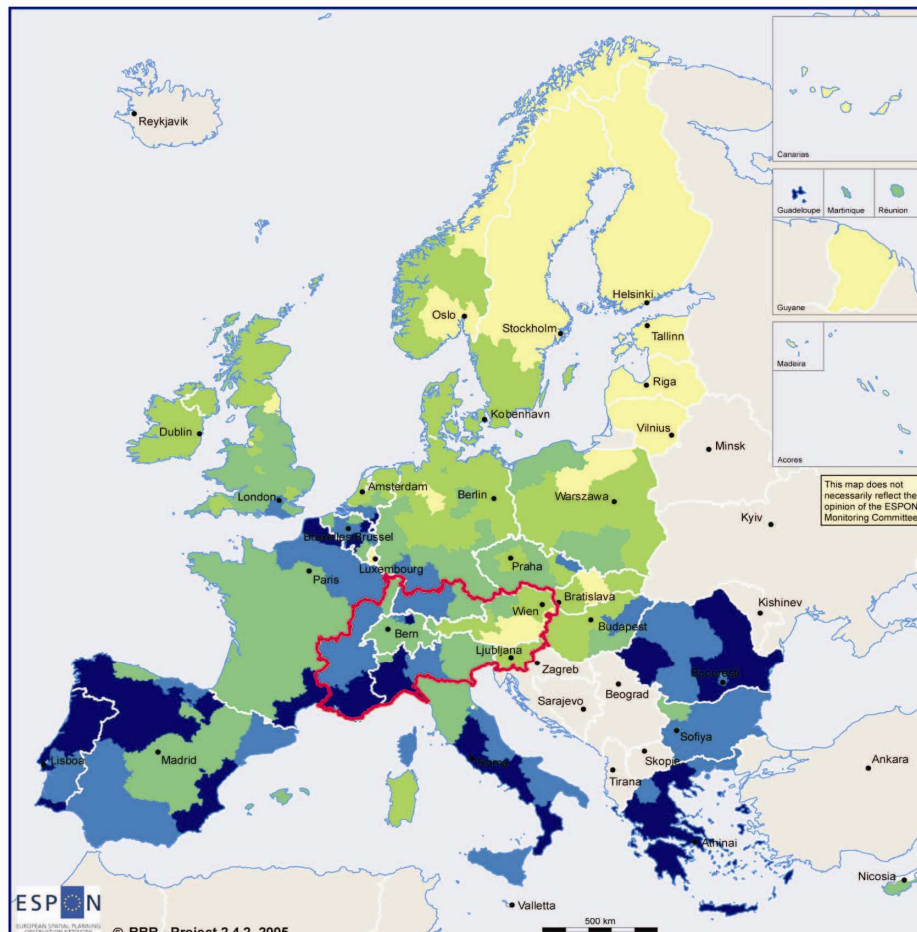
© EuroGeographics Association for administrative boundaries  
Origin of data: ESPON project 1.2.1, Spiekermann & Wegener (S&W)

Source: ESPON database





## MAP 7: NATURAL HAZARDS IN EUROPEAN NUTS II REGIONS (SOURCE: ESPON DATABASE).



### Degree of natural hazard exposure as an aggregate of 5 indicators:

- Flood events (Regional average number of flood events 1987-2002) -
- Winter storms (Approximate probability of having winter storms) -
- Earthquakes (Earthquake hazard potential) -
- Dry spell & drought (Change of dry spell combination with drought) -
- Forest fires (Forest fires hazard 1997-2003 in biographic correlation) -

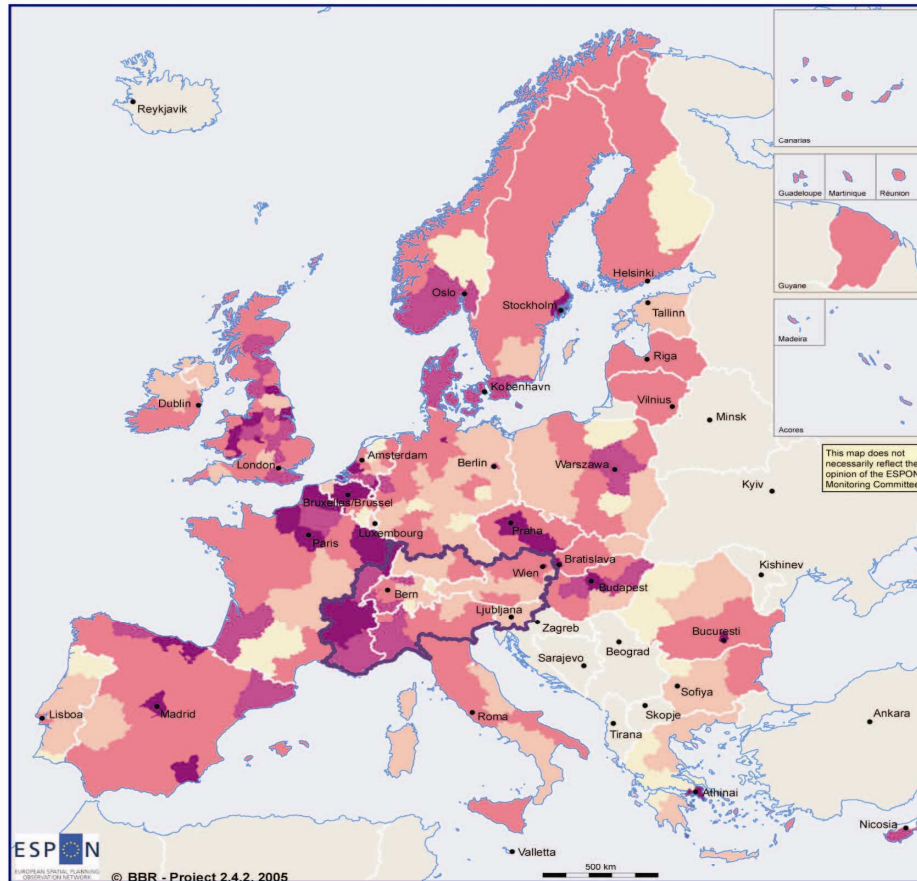
- Below average
- Moderately below average
- Average
- Moderately above average
- Above average

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Regional level: NUTS 2  
Origin of data: ESPON 1.3.1 GTK,  
ESPON 2.4.2 BBR, own calculations  
Cyprus: data for government controlled areas only  
Source: ESPON database

Standardised based on the European mean value

## MAP 8: TECHNOLOGICAL HAZARDS IN EUROPEAN NUTS II REGIONS (SOURCE: ESPON DATABASE).



**Degree of technological hazard exposure as an aggregate of 2 indicators:**

- Oil hazards -
- Chemical plants (Density of chemical plants) -

- Below average
- Moderately below average
- Average
- Moderately above average
- Above average

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© EuroGeographics Association for administrative boundaries  
Regional level: NUTS 2  
Origin of data: ESPON 1.3.1 GTK,  
ESPON 2.4.2 BBR, own calculations  
Cyprus: data for government controlled areas only  
Source: ESPON database

Standardised based on the European mean value