



The ESPON Programme and the use of spatial data on the European level

Plan4Business project
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Structure

Focus

- What is ESPON?
- The ESPON Database Portal
- ESPON Tools
 - ESPON Data Navigator
 - ESPON MapFinder
 - Online Mapping tool
 - CityBench
 - ESPONTrain

The ESPON Programme

Role in Structural Funds 2007-2013:

- Support EU Cohesion Policy development ...
- with evidence on European territorial structures, trends, perspectives and policy impacts
- based on comparable information on regions and cities
- revealing territorial capital and potentials

Budget for 2007-2013:

- 47 mill Euro (ERDF: 34 mill. Euro; 31 countries: 13 mill. Euro)

Programme Priorities:

- P 1: Applied Research (25 projects)
- P 2: Targeted Analyses based on stakeholder interest (23 projects)
- P 3: Scientific Platform with Tools (3+7 projects + ...)
- P 4: Capitalisation (events, media and publications)

Themes of ESPON Applied Research

Territorial Impact
Assessment

Urban Agglomerations

Climate Change

Rural Areas

Growth poles

Migratory Flows

EU Directives

Attractiveness

Green Economy

Demography

Specific Types of
Territories

Regions

Innovation

Territorial cooperation

Accessibility

Continental
flows

Services of General
Interest

Cities

Land use

European Seas

Economy

Governance

Energy

Territorial
Scenarios

Themes in Scientific Platform and Tools (P3)

The larger projects:

- ESPON Database (phase I) – Database Project
- ESPON 2013 Database (phase II) – M4D Project
- Territorial Indicators – INTERCO Project
- Territorial Monitoring and Reporting – TMS Project

The ESPON Database Project (phase II):

- Themes:
 - Regions, Cities, Grid data, Local Data, European Neighbourhood
 - Olap Cube ...
- ESPON Database Portal:
 - Metadata
 - Data check - Outlier handling
 - Application

The ESPON Database Portal

Aim:

- To provide fundamental regional information provided by ESPON projects and EUROSTAT
- To provide access to the following data categories: regional, local, urban, neighborhood, world, grid and historical data.
- To make the datasets and information publicly available and free accessible (free of copyright).
- To provide technical reports describing the main topics addressed during the implementation of the ESPON 2013 Database supporting the understanding of the data categories.

Future:

- Web services for accessing the ESPON metadata and data

Link: <http://database.espon.eu>

ESPON Database Portal

[Welcome](#)[Search](#)[Resources](#)[Upload](#)[Help](#)[Terms&Conditions](#)[Log in](#)

News

Jun 03 Options of the search interface - The M4D newsletter...

Jun 01 New version of the Search interface - The last release...

May 28 ESA4DOR indicators available under the Search Interface - Key indicators coming...

May 15 New M4D indicators related to cities - The M4D Project...

May 10 TERCO indicators available under the Search Interface - Key indicators coming...

[View all](#) ►

Newsletters

Jun. 2012 Dec. 2012



Find an indicator related to:

[Europe 2020](#)
[Territorial Agenda of the EU 2020](#)
[Territorial Objectives](#)
[Territorial Indicators](#)
[ESPON Synthesis Reports](#)

Welcome to the ESPON Database Portal

In using the Portal you have a choice of entering it as a policy maker, a scientist, or both. Your choice will lead to a portal that is better adapted to your needs. Please indicate your choice:

[I'm rather a policy maker](#)

[I'm rather a scientist](#)

[I'm both](#)

The main aim of the [M4D Project](#) is to maintain, update, develop and expand the ESPON 2013 Database.

In this framework, the main European activities carried out to promote data comparability and data quality, in particular the INSPIRE Directive and the GMES (Global Monitoring for Environment and Security) initiative have been taken into consideration.

In general, this ESPON Database Portal supplies different users (researchers, policy makers and stakeholders at regional and local level) with data, indicators and tools that can be used for European territorial development and cohesion policy formulation, application and monitoring at different geographical levels. The data included in the ESPON Database is mainly coming from European institutions such as EUROSTAT and EEA, and from all ESPON projects. By doing this, the ESPON 2013 Database contributes to better understanding territorial structures, the current situation and past and future trends of different types of European territories in relation with various geographical contexts (from local to global) and within a large variety of themes.

Search

Gateway to statistical information from ESPON

Find an indicator:

Resources

You can find in this section a list of resources that may be useful

[Map Kits](#)
[Data Tools](#)
[Technical Documents](#)
[Territorial Data](#)
[Documents of Interest](#)
[ESPON Background Data](#)

Tools produced by ESPON projects

Resources that may be useful

[ESPON HyperAtlas](#)
[ESPON Typologies](#)
[ESPON Tools and Maps](#)

ESPON Database Portal

[Welcome](#)[Search](#)[Resources](#)[Upload](#)[Help](#)[Terms&Conditions](#)[Log in](#)Search by: ☒ Theme ☐ Policy ☐ Project ☐ Keyword

Economy, finance and trade



Filtered by:

SEMANTIC

Economy, finance and trade

DATA

ALL

ALL

WHERE

EU27+4

WHEN

1990-2100

CLEAR ALL

DATA

WHERE?

AREAS

☐ EU27+4+CC☐ EU27☒ EU27+4☐ CUSTOM

TERRITORIAL LEVEL

CITIES

REGIONAL LEVEL

WHAT?

WHEN?

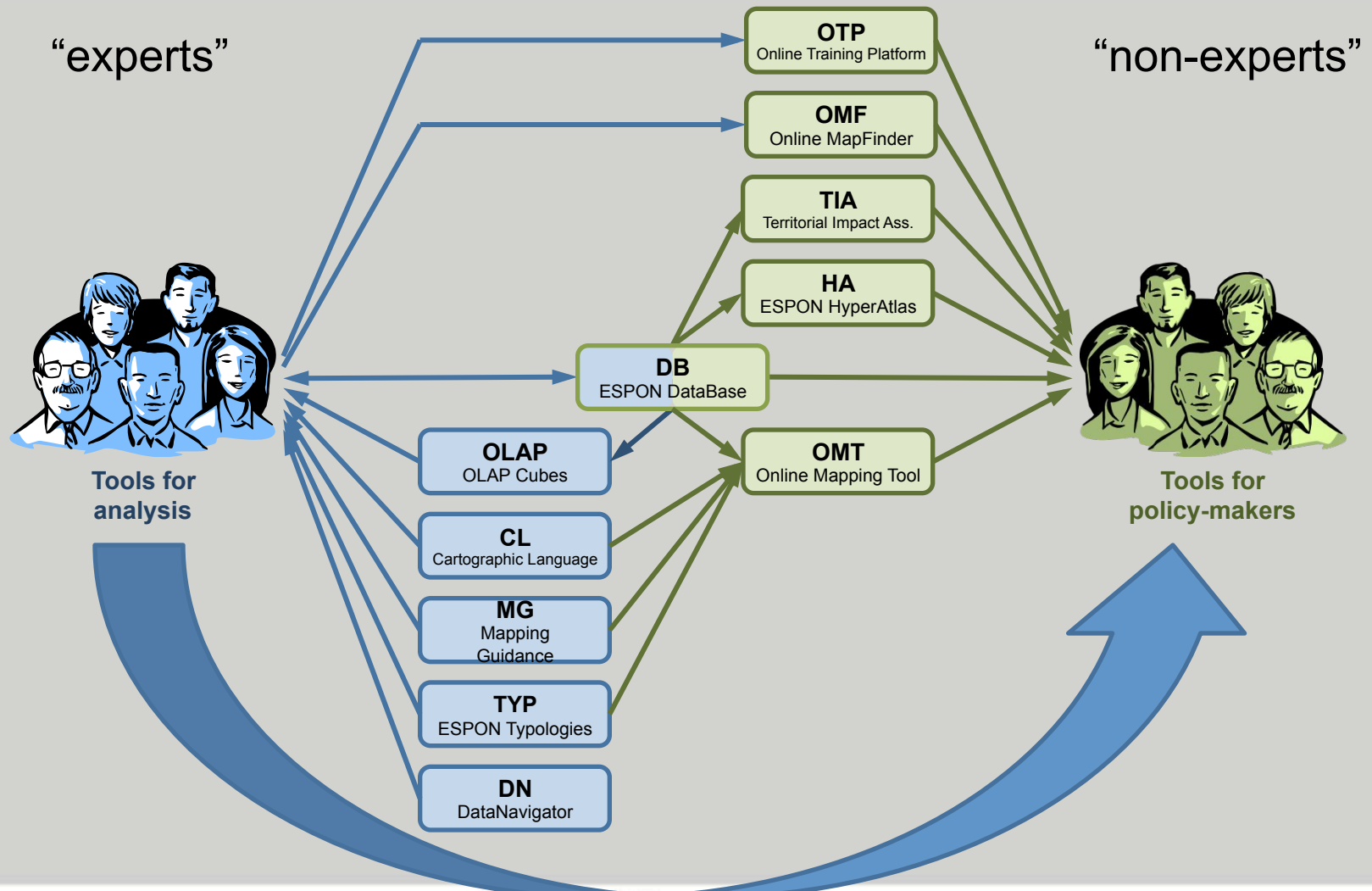
	Indicator ▼▲	Years ▼▲	Territorial ▼▲	Completeness ▼▲	
	Gross Domestic Product	2006	FUA	99	
	Gross Domestic Product per capita	2006	FUA	99	
TT	NACE nomenclature	2006	FUA	96	
TS	Percent of persons in unemployment	2006	FUA	88	

4 results found in 0.27 seconds. Results by page 10 ▼

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ESPON Toolbox



Aim and purpose of the separate tools

1. Tool development within the ESPON programme is targeted to the use of:
 1. Policy makers
 2. Practitioners at all administrative levels
 3. Potential investors
 4. Researchers
 5. University students
2. The tools should enable the use of ESPON information, indicators and data by non-experts in a simple way
3. The tools should be useful for researches and experts

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ESPON Data Navigator

Aim:

- To provide direct links to relevant territorial information at different regional levels from European National Statistic Institutes and other international institutions

Users:

- Practitioners at all administrative levels, researchers and University students

Link:

- http://www.espon.eu/main/Menu_ToolsandMaps/DataNavigator/

ESPON Data Navigator

[Welcome](#)[Advanced Search](#)[National Data Providers](#)[International Data Providers](#)[Grid Datasets](#)[ESPON Tools](#)

SELECT A COUNTRY

- [Austria](#)
- [Belgium](#)
- [Bulgaria](#)
- [Croatia](#)
- [Cyprus](#)
- [Czech Republic](#)
- [Denmark](#)
- [Estonia](#)
- [Finland](#)
- [France](#)
- [Germany](#)
- [Greece](#)
- [Hungary](#)
- [Iceland](#)
- [Ireland](#)
- [Italy](#)
- [Latvia](#)
- [Liechtenstein](#)
- [Lithuania](#)
- [Luxembourg](#)
- [Malta](#)
- [Netherlands](#)
- [Norway](#)
- [Poland](#)

Welcome to the ESPON Data Navigator

The ESPON Data Navigator offers access to territorially relevant data sources on different regional levels, main national statistical series, databases from National Statistical Offices and geographic datasets.

Information on the data sources covers among others contact details and access conditions. The ESPON Data Navigator is focused on **national structures** at NUTS 2 and NUTS 3 territorial scale, according to the **classification of Eurostat**. In particular cases, data related to other territorial scales have been incorporated as well (NUTS 0, NUTS 1, LAU 1 or LAU 2).

The ESPON Data Navigator provides an **Advanced Search Tool** allowing to track directly available data sources by country, theme or territorial scale.

A graphic featuring a stylized map of Europe in shades of yellow and orange, with a dark blue diagonal band across the top left corner containing the text "Data Navigator Handbook" in white.

**Data
Navigator
Handbook**

A graphic featuring a stylized map of Europe in shades of yellow and orange, with a dark blue diagonal band across the top left corner containing the text "Data Navigator Video" in white.

**Data
Navigator
Video**

Aims of the ESPON Data Navigator

The ESPON Data Navigator tool is especially useful in the situation where one either wants to **search for datasets**, **benchmark regions** or **complete datasets**.

The users of the ESPON Data Navigator must respect the copyright of the data providers.

SELECT THEME & SCALE

Browse by Theme

- [Economy, finance and trade](#)
- [Population and living conditions](#)
- [Labour Market](#)
- [Education](#)
- [Health and Safety](#)
- [Information Society](#)
- [Agriculture and fisheries](#)
- [Transport and Accessibility](#)
- [Environment and Energy](#)
- [Science and Technology](#)
- [Governance](#)
- [Territorial Structure](#)

Browse by Territorial Scale

- [NUTS 0](#)
- [NUTS 1](#)
- [NUTS 2](#)
- [NUTS 3](#)
- [LAU 1](#)
- [LAU 2](#)

ESPON MapFinder

Aim:

- To provide easy access to the most important maps resulting from ESPON projects.
- To provide together with the maps explanations and key observations for policy makers.

Users:

- Policy makers and practioners at all administrative levels, Researchers and University students

Link:

- http://www.espon.eu/main/Menu_ToolsandMaps/OnlineMapFinder/

ESPON Online MapFinder

Map Finder All Maps Comparison List (0) Log in Register



- Observations for policy
- Policy context
- Map interpretation
- Concepts and methods
- Keywords

Search Map

-Theme-

[click here for multiple selection](#)

-Project-

[click here for multiple selection](#)

-Publication-

Keyword

Search

Comparison List

There are no maps to compare. Click on the comparison button of a map to add it to the comparison list.

Compare

Characteristics of land use, 1990-2006

Category

Territorial Structure

Project

EU LUPA: European Land Use Patterns

Programme

ESPON 2013 Programme

Publication

EU LUPA Final Report

Options

- Enlarge map
- Explore with a lens
- Print map
- Download map
- Add to list
- Compare versions of this map

Share



Characteristics of land use, 1990-2006 (a)

Characteristics of land use, 1990-2006 (b)



Online Mapping Tool

Aim:

- To provide a tool to visualize and analyse data, available in the ESPON Database, in maps and diagrams.
- To fill the gap between disseminating data in tables and disseminating data in fixed maps.

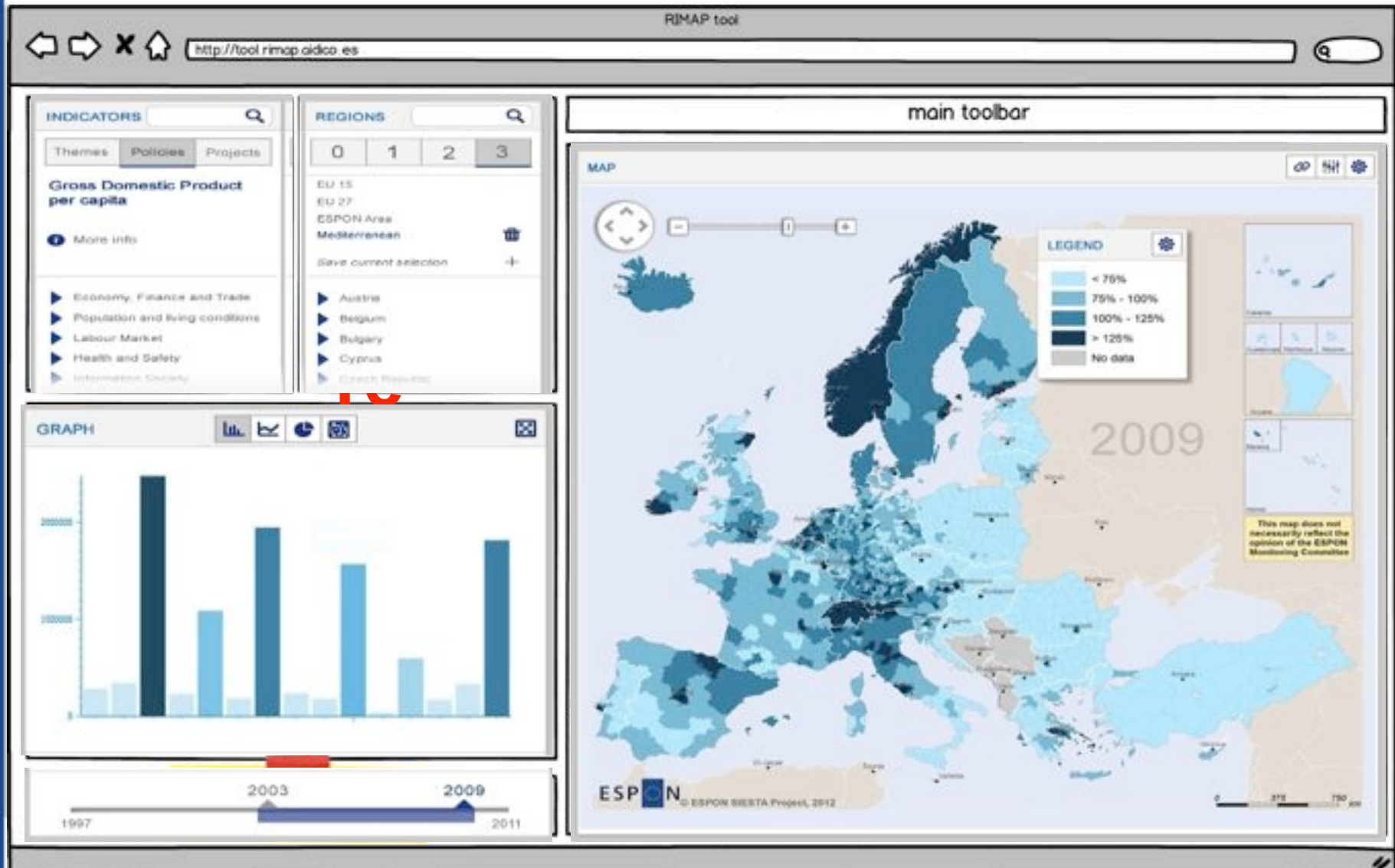
Users:

- Policy makers, practitioners at all administrative levels, researchers and University students

Link:

- <http://rimap.espon.eu/>

Online Mapping Tool



CityBench

Aim:

- To identify “similar” cities around specific issues;
- To highlight both the risks and opportunities for cities;
- To identify the potential aspects for investment;
- To allow benchmarking of cities.

Users:

- Policymakers and practitioners concerned with attracting and managing the development in cities.
- Public investors, incl. the EIB and its traditional lending operations in sustainable urban projects.
- Private investors seeking to get a quick overview of European urban regions.

Link:

- <http://espon.geodan.nl/citybench/#>

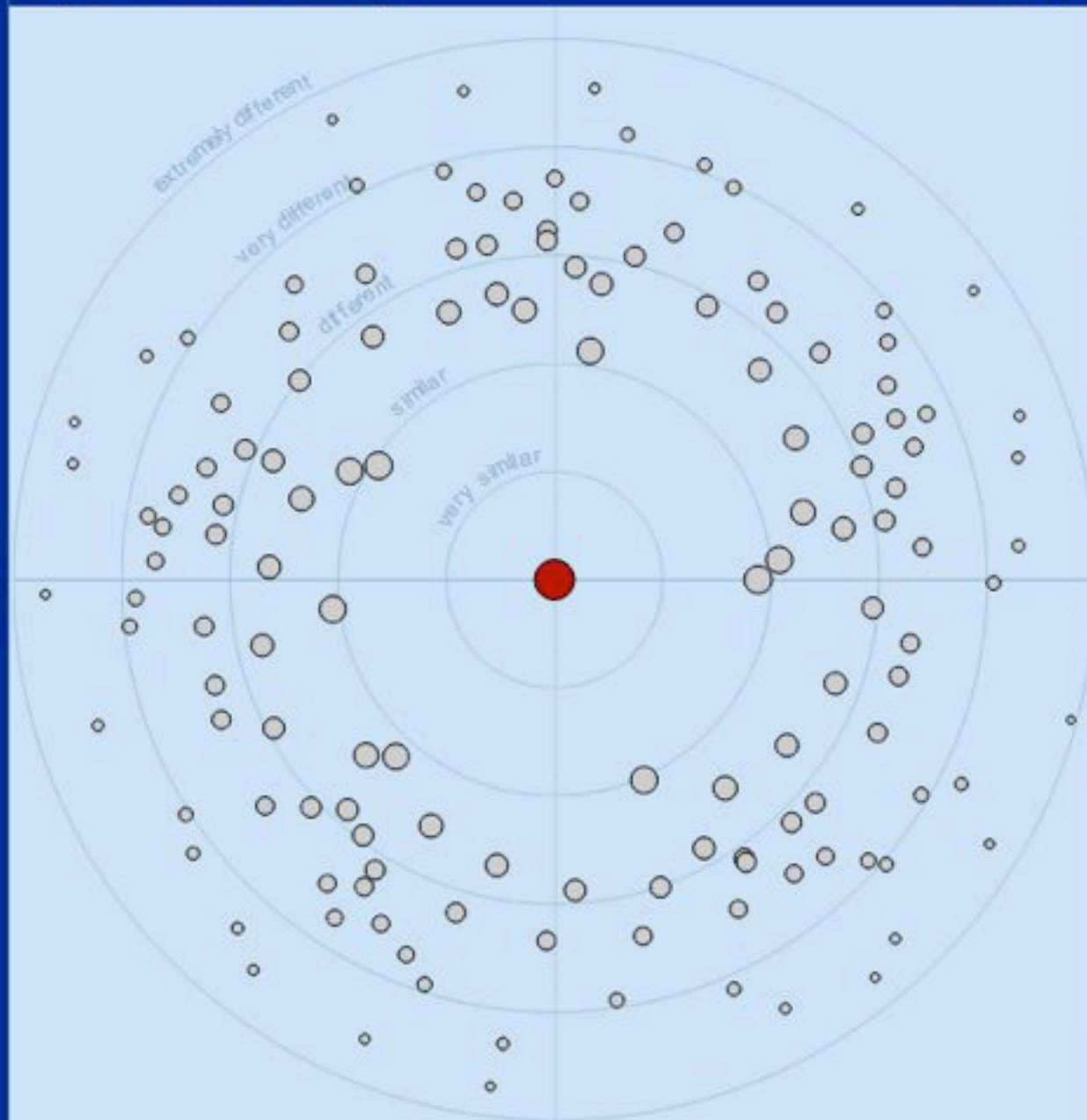
CityBench



[Map](#)[Radial](#)[Table](#)[Graphs](#)

Showing the similarity to:

Luxembourg

☒ showing all cities

Based on the following indicators:

GDP



selected values 3728 to 75191

[info](#)[remove](#)[Select a 2nd indicator](#)[Select a 3rd indicator](#)[select the 1st city](#)[select the 2nd city](#)[select the 3rd city](#)[select the 4th city](#)[Compare](#)

ESPONTrain

Aim:

- To provide a e-learning platform on territorial development and cohesion in Europe using the results of ESPON projects as basic learning material.

Users:

- Policy makers and practioners at all administrative levels, young researchers and University students

Link:

- <http://espontrain.eu/>



Development of ESPONTrain e-learning platform

The ESPONTrain e-Learning platform was built as part of the ESPONTrain Transnational Networking Activity. The ESPONTrain TNA is aiming at making ESPON2013 knowledge operational in a coordinated and transnational way for practical use at regional and local level, and translating ESPON Europe-wide information and findings to the regional/local level.

[Read more](#) ➔



More Information

Thank you for your attention

Please visit

www.espon.eu