



ESPON Open Seminar 2014

**“Territories Acting for Economic Growth:
Using territorial evidence to meet challenges towards 2020”**

Plenary session 3:

Progress on ESPON Toolbox

European Territorial Monitoring System

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Aim of the European Territorial Monitoring System

- To provide “a continuous monitoring of territorial trends and structures,
- so to provide policy relevant information to target groups,
- for specific type of territories, metropolitan regions, cities and towns,
- in relation to the policy aims and priorities of the Europe 2020 Strategy, EU Cohesion Policy and the TA 2020”.

Partners behind the development of the ETMS

MCRIT, Barcelona

UAB. Autonomous University of Barcelona

UNIGE. University of Geneva

Nordregio, Stockholm

GISAT, Prague



European Territorial Monitoring System

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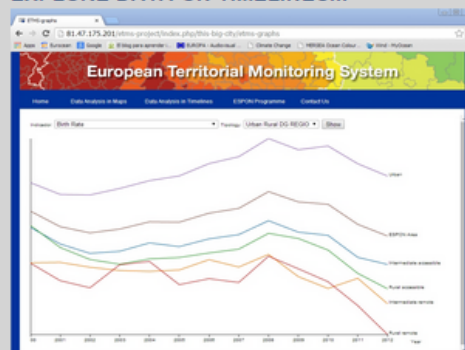
Territorial trends in maps EXPLORE DATA ON MAPS ...



This tool allows exploring, analysing and benchmarking territorial indicators at different graphical levels, filtered by territorial typologies and structures, namely regional typologies defined for NUTS delimitations, territories with specificities (e.g. mountains, islands), cities (based on Large Urban Zones), and Transnational Cooperation Areas.

[Access to the tool](#)

Territorial trends 2000-2012 EXPLORE DATA ON TIMELINES...



This tool is aimed at providing synthetic representation of territorial trends by different regional typologies, analytically in linear time lines. Typologies include e.g. urban-rural, Structural fund eligibility, EUROSTAT's Metropolitan Regions.


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ETMS ACTIVITIES

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 ETMS Nafplion presentation by MCRIT

Publications



State of the Territory
Territorial background analysis



Facts & Figures
Latest territorial synthesis

Data Analysis Tools



Data analysis on Maps



Data analysis on
Timelines



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Resources

ETMS Documentation

- User handbook
- System of indicators
- Sample Applications
- Access to database and metadata
- Report a problem

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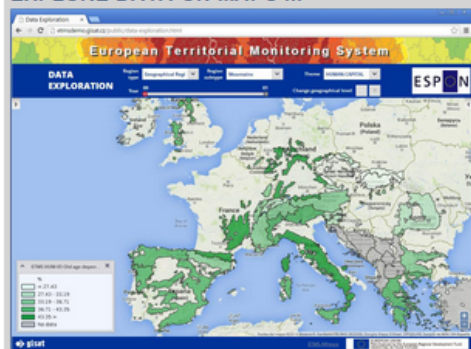
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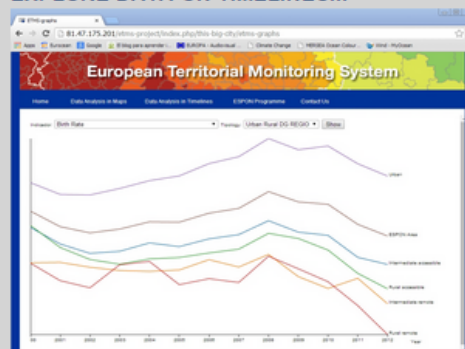
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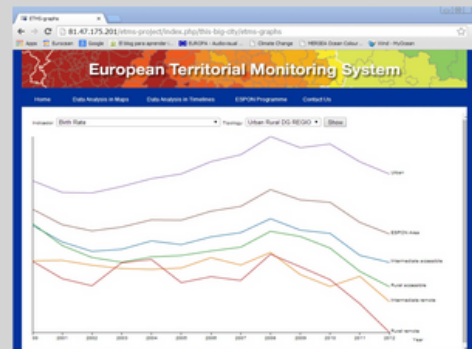
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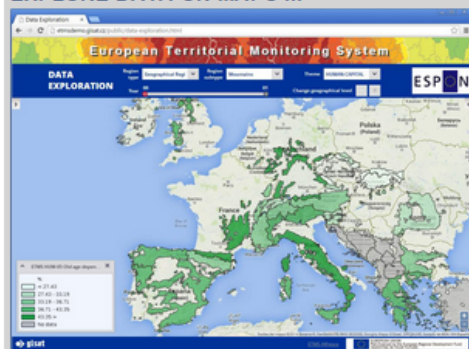
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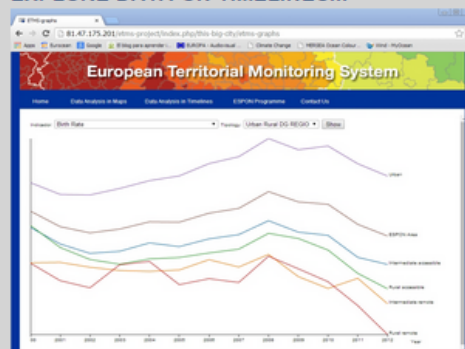
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3. Monitor Reports

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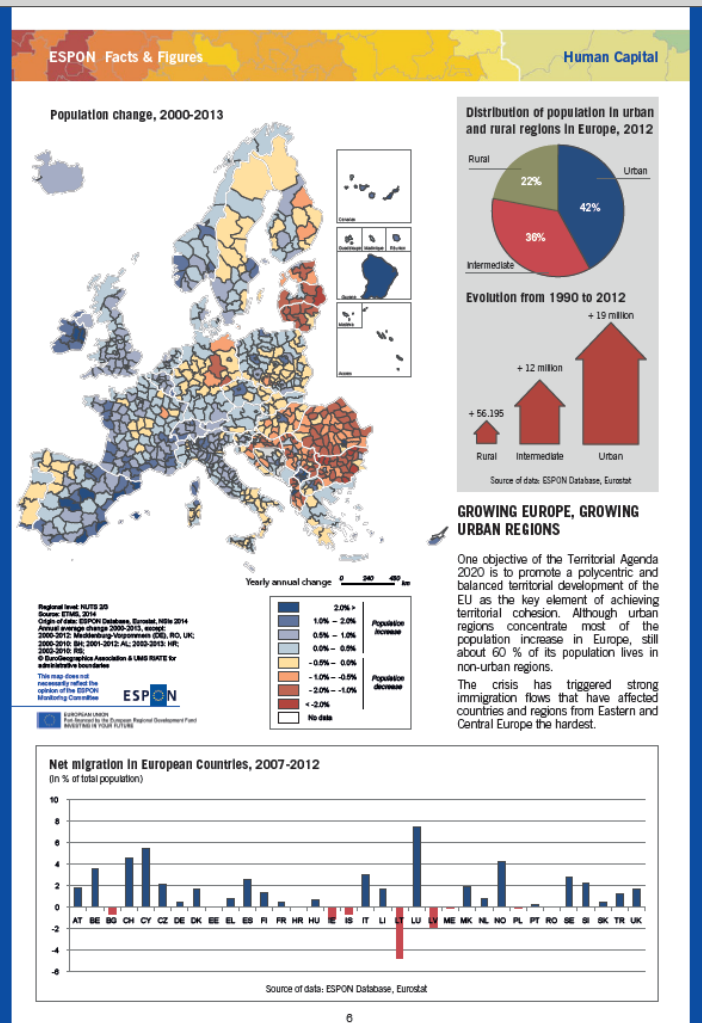
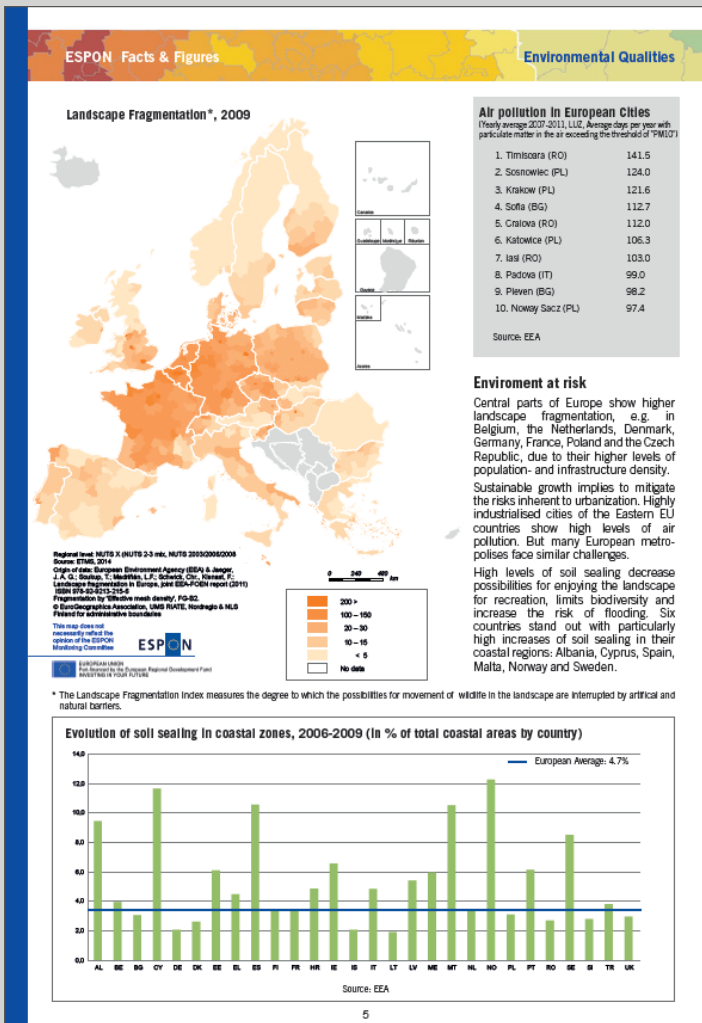
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Periodic Report "Facts and Figures"



Periodic Report "State of Territory"

5 Territorial integration in cross-border and transnational functional regions

With European integration, regulatory obstacles to exchange and development across national borders have been greatly reduced. In terms of business interaction and movements of goods, this does not only concern EU Member States, but also the European Economic Area, which includes the member states of the European Free Trade Association (i.e. Iceland, Liechtenstein, and Norway) and Switzerland. Equally important is the fact the border controls for persons have been abolished in the Schengen area. The Schengen area excludes Ireland and the United Kingdom and is not yet applied in Bulgaria, Croatia, Cyprus and Romania. However, it includes the non-EU member states Liechtenstein, Iceland, Norway and Switzerland. These policy developments have further encouraged the emergence of cross-border regions acting as interfaces between national political, regulatory, cultural and social systems. While many of them these cross-border regions benefit from enhanced flows and exchanges, their national components also needs to adapt to situations where producers of goods and services are more exposed to external competition. Flows of workers across borders can also create different types of tensions, e.g. by challenging wage levels or by concentrating consumption in areas where taxes are the lowest. Cross-border cooperation therefore addresses both challenges and opportunities in the vicinity of borders.

Transnational functional regions reflect different types of interactions across borders. They focus on mutual interdependencies and influences at a wider scale, often across whole nation states. In the 2007-2013 programming period, thirteen transnational cooperation areas were

established to address these issues. Most of these have been maintained in the 2014-2020 period. In addition, a series of macro-regional strategies have been adopted since 2009, e.g. in the Baltic Sea, Danube, Adriatic-Ionian and Alpine regions. In these different contexts, regional and national authorities jointly seek to enhance their global competitiveness, make better use of endogenous potentials, address shared environmental and social challenges and improve their multilevel governance setups.

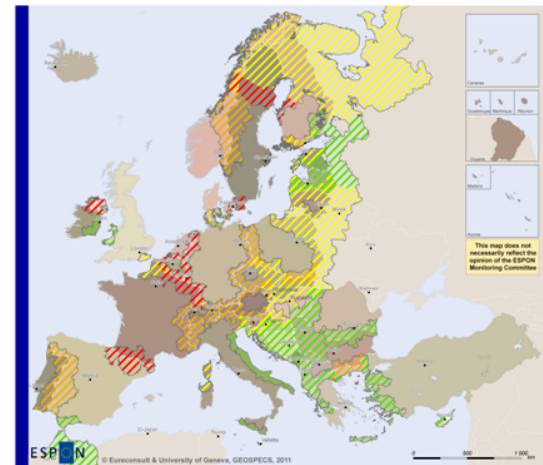
The first section compares the maturity of cooperation in different cross-border regions. The second section considers the extent and evolution of discontinuities across borders, which gives an indication of differences between the national components of cross-border and transnational functional regions.

Territorial patterns of cooperation intensity

The main objective of EU territorial cooperation is to overcome the negative barrier effects of borders, maximize potential synergies and promote joint solutions to common integration problems. This shall promote harmonious and balanced integration of the EU territory, but also enhance the quality of life for citizens.

Current social and economic trends in cross-border regions are influenced by more or less long-standing traditions of cross-border cooperation in Europe (Map 5.1)

Most cross-border areas along internal EU borders enjoy long-standing cooperation with a very high or high level of maturity. These traditions are particularly well-established between Germany, France and the Benelux countries, in the Qresund.



- Classification of borders and cross-border areas**
- Red diagonal lines: Long-standing co-operation with a very high or high level of maturity
 - Orange diagonal lines: Long-standing or experienced co-operation with a medium-high level of maturity
 - Yellow diagonal lines: Experienced or more recent co-operation with a medium-low level of maturity
 - Green diagonal lines: More recent co-operation with a low level of maturity

Map 5.1: Classification of borders and cross-border areas

The classification of borders and cross-border areas takes into account the 53 INTERREG IIIA programmes established for the 2000-2006 period. It has been developed in the framework of the ESPON GEOSPECTS project, and combines three indicators. These are: (1) number of years of visible and structured cross-border cooperation; (2) nature and quality of the legal instruments used for establishing decentralized cross-border cooperation; and (3) nature and quality of existing cross-border structures established between territorial authorities.

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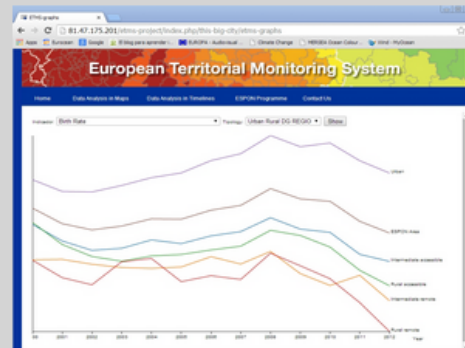
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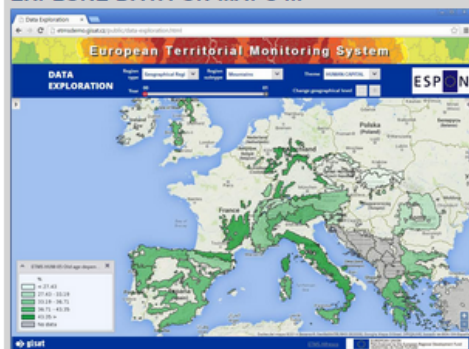
3. Monitor Reports

4. Library of monitoring

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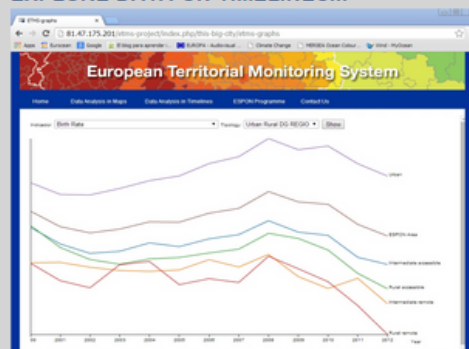
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5. System documentation

35 Policy Indicators based on ESPON INTERCO

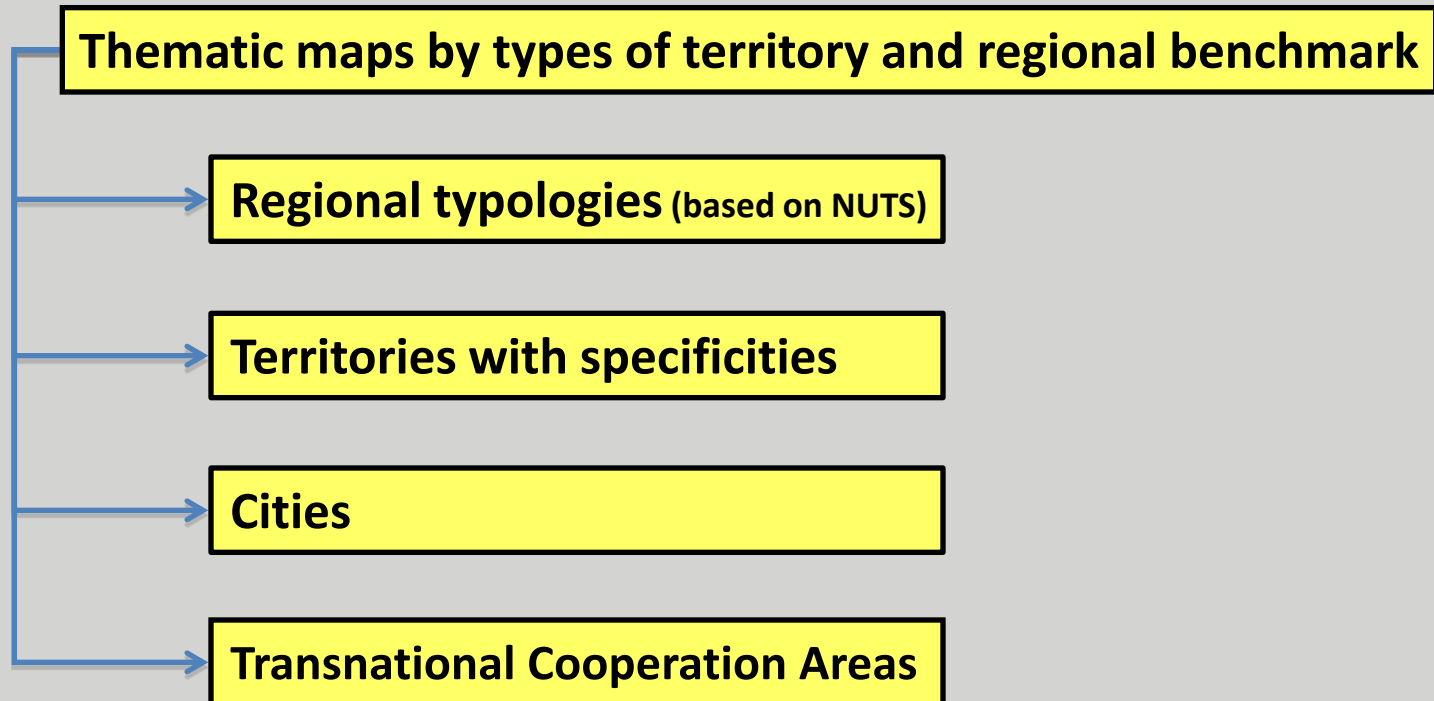
- 5 Area Topics
- 2000-2012 time series (forecasts to 2030 for some, based on ET2050)
- Including most EU2020 headline indicators
- In line with BSR-TEMO

EU2020 PRIORITIES	ETMS THEMES	ETMS Indicator
Sustainable Growth	Economic Competitiveness Economy	Debt
		Balance of Accounts
		Total R&D expenditure as % of GDP
		GDP per capita in PPS
		GDP-PPS per person employed
		Employment per sector*
	Environmental Qualities Environment	Share of RES in Final Energy Consumption
		Air pollution: PM10
		Degree of soil sealing
		Land use pattern*
Smart Growth	Human Capital Human capital	Population potential within 45 min
		Net migration rate
		Total population change
		Birth rate
		Old age dependency ratio
		Share of aged 30-34 with tertiary education attainment
Inclusive Growth	Social Inclusion Social Inclusion	Employment rate 20-64 years
		Total employment rate
		Differences between female to male employment rates
		Young unemployment rate
		Elderly employment rate
		Disposable household income
		At-risk-of-poverty rate
	Availability of Services & Functions Accessibility	Access to MUAs
		Air connectivity (with 45 minutes drives)
		Connectivity ICON
		Households with broadband access
		Cooperation intensity (ETC)

(*) EU2020 target

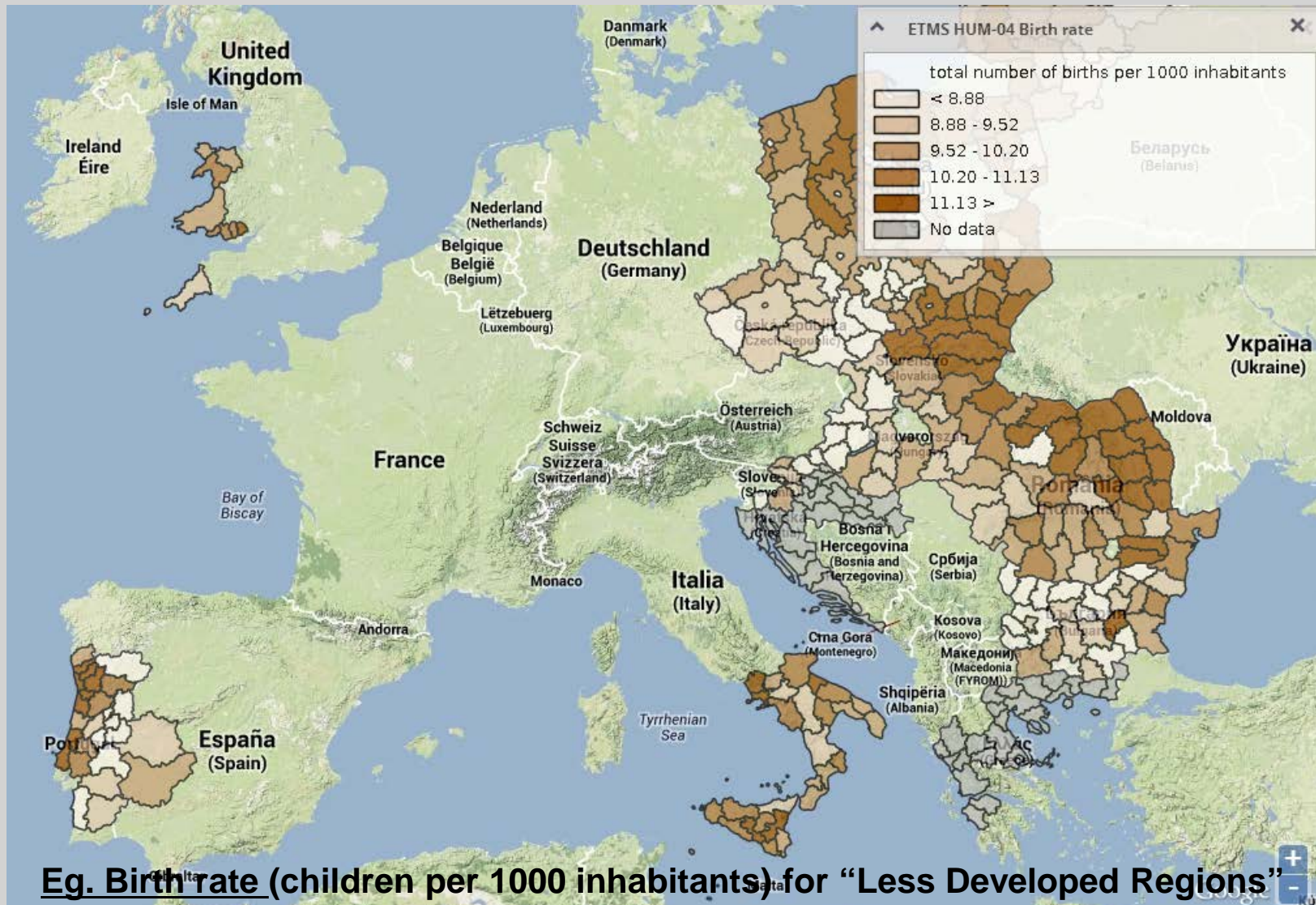
ETMS Data on Maps

ETMS allows mapping indicators filtering by different territorial typologies and structures



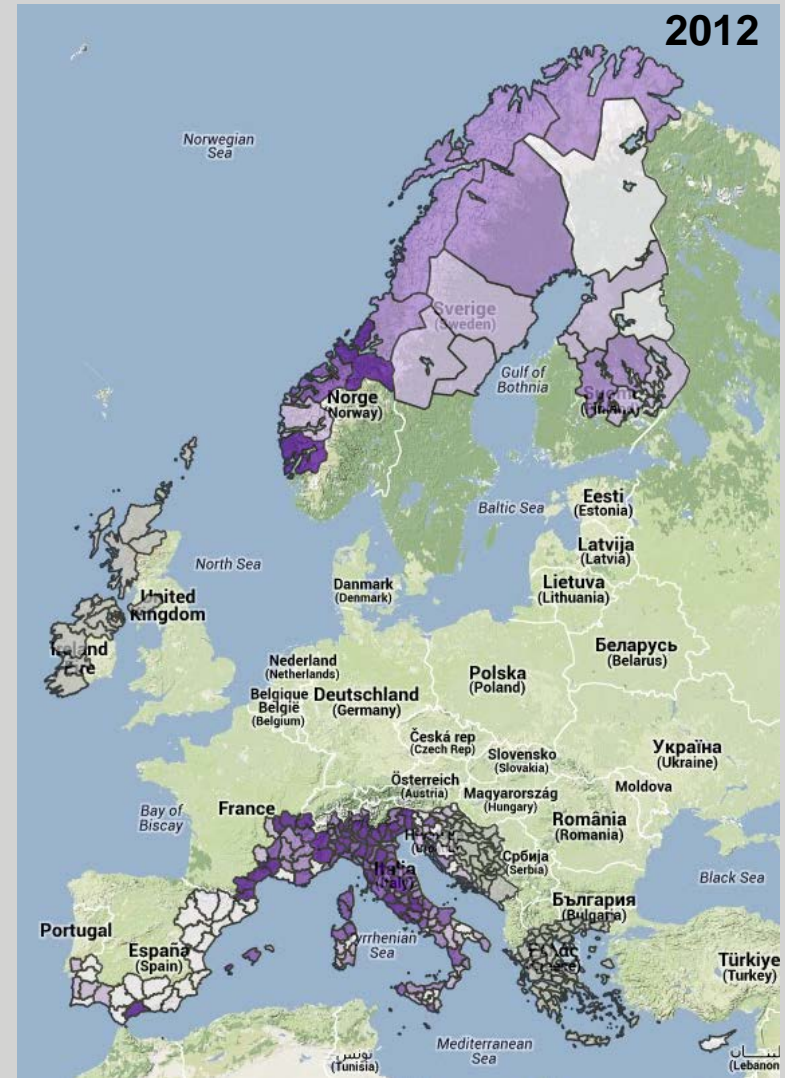
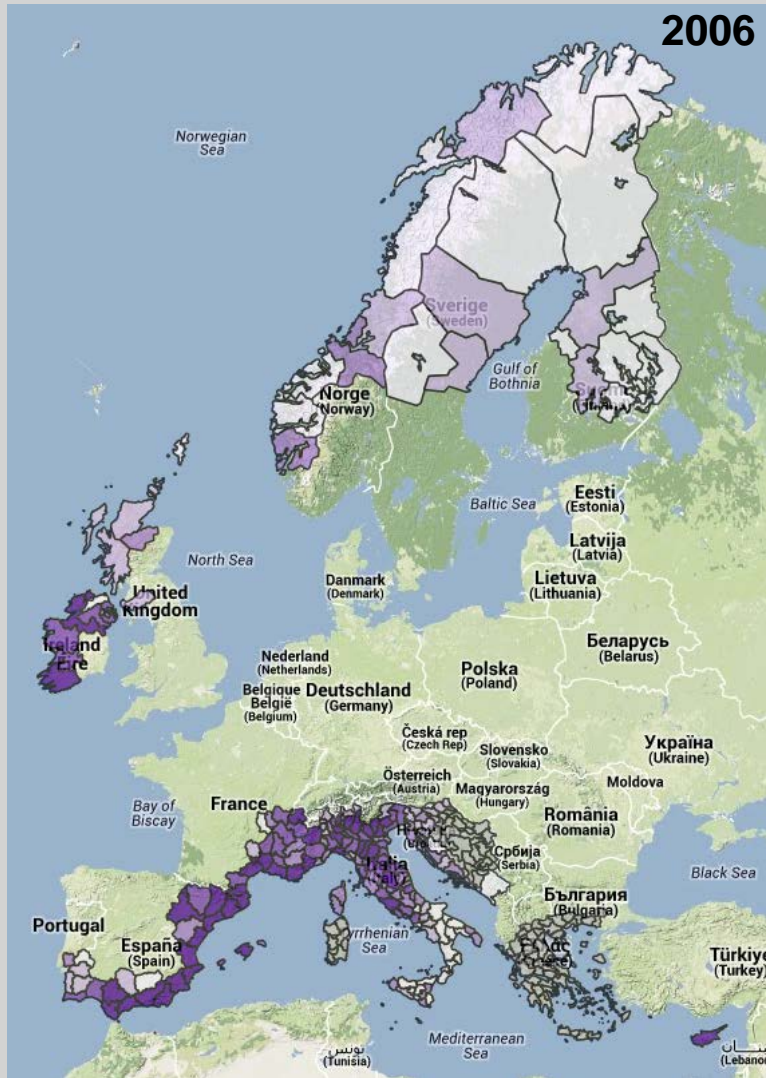
1. Thematic maps by regional typologies

ESF/ERDF 2014-2020: less developed – transition - more developed



1. Thematic maps by regional typologies

INTERREG Cooperation Areas

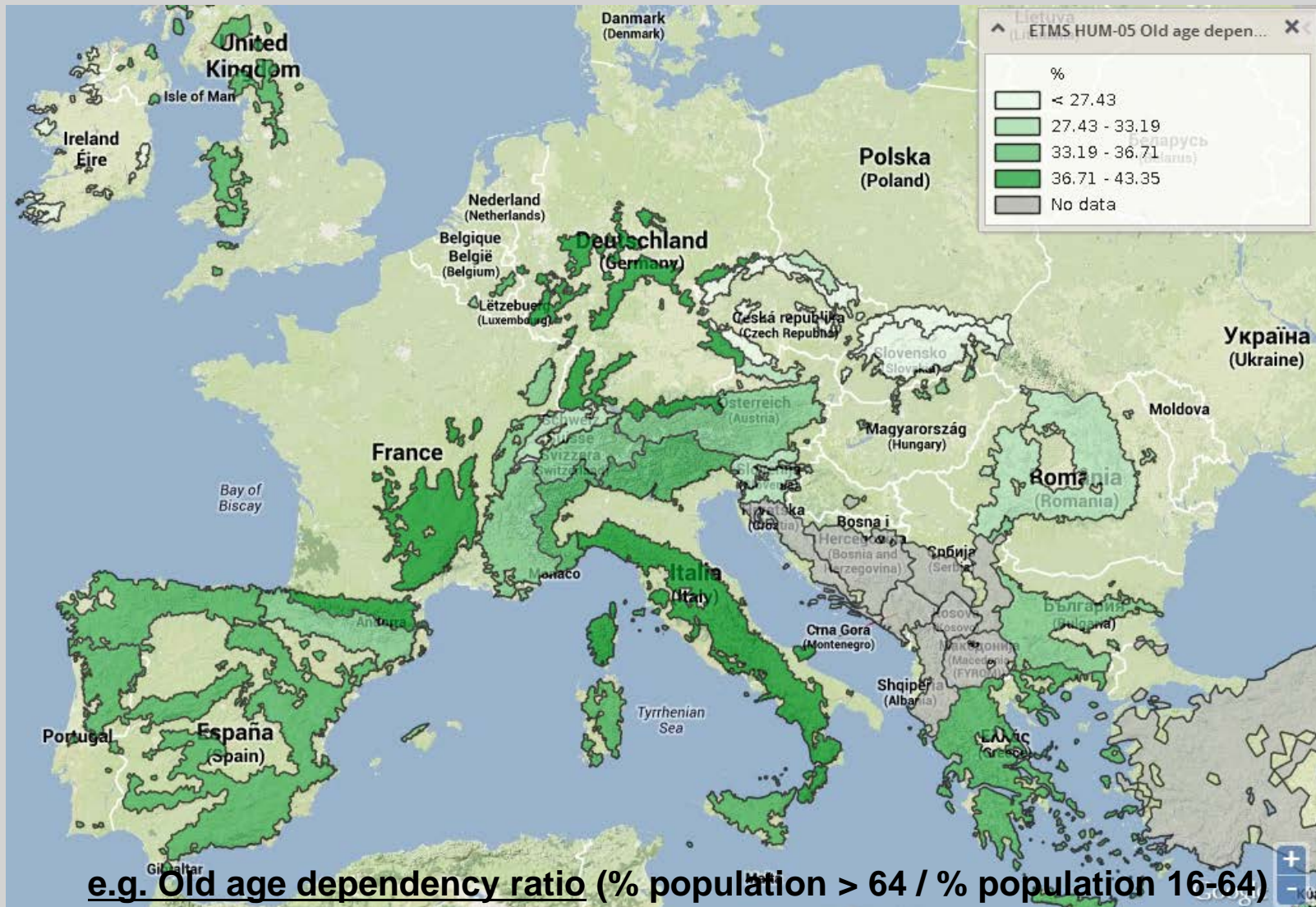


Eg Migrations (persons per year) in the Mediterranean and the Northern Peripheries

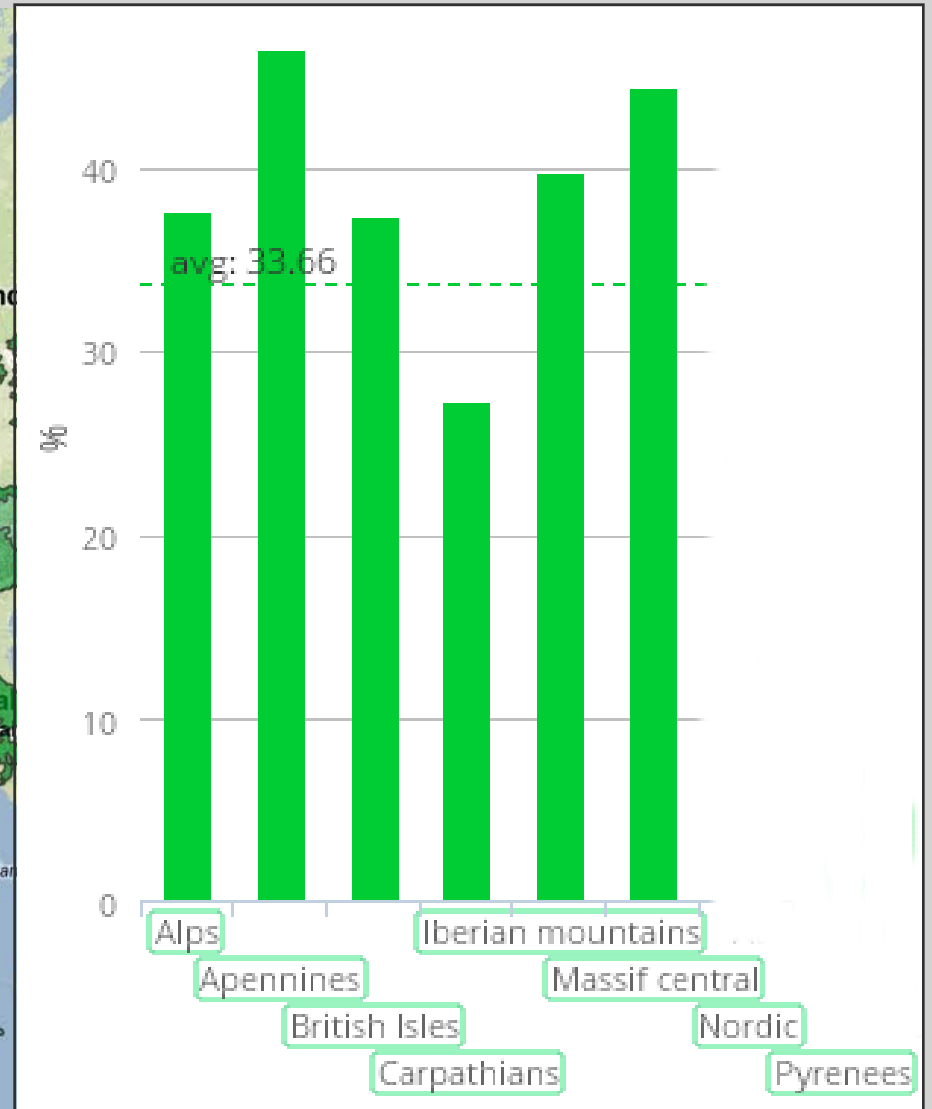
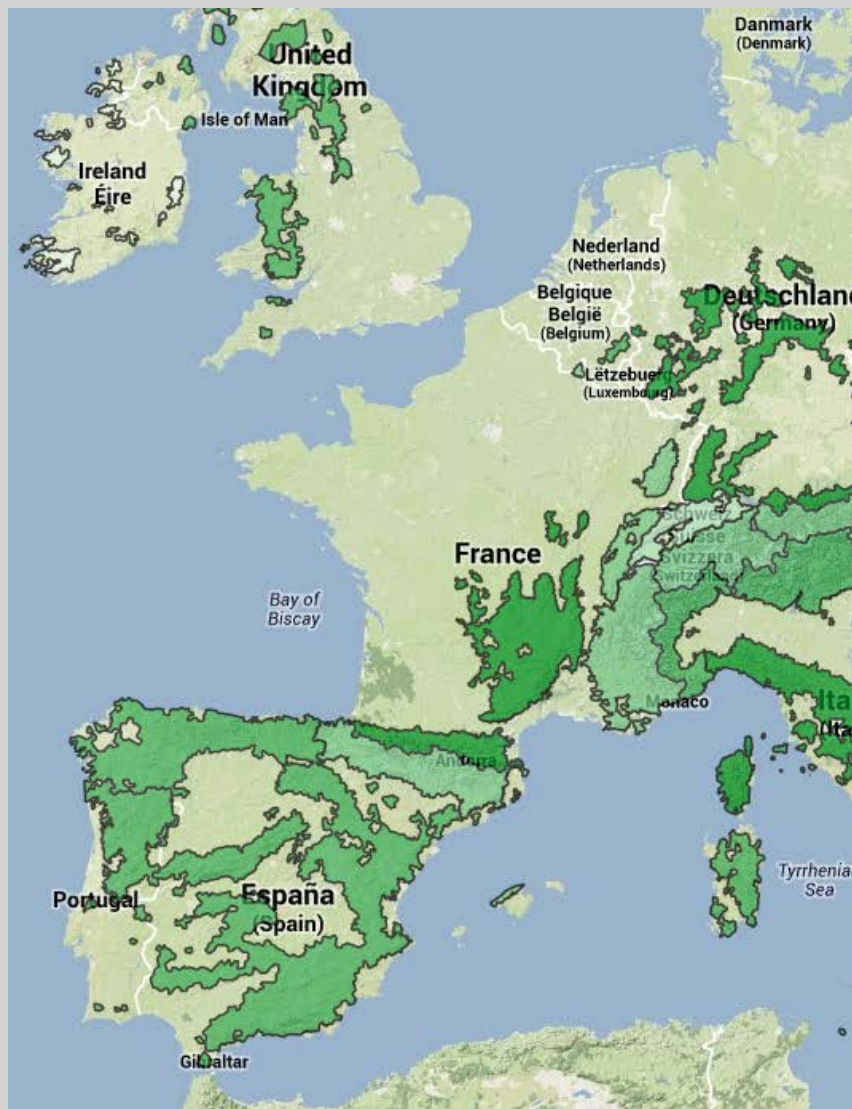


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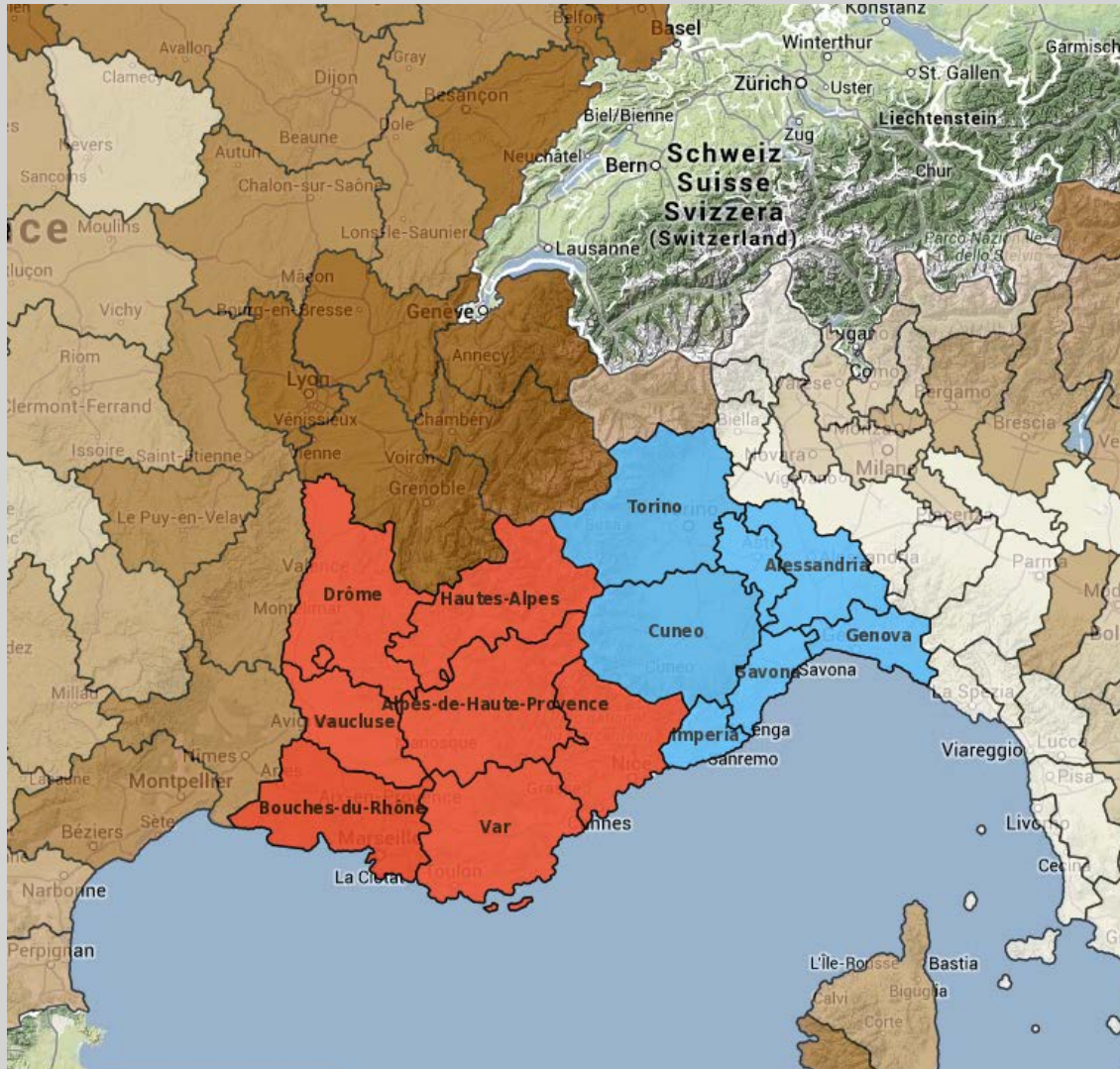
Mountain ranges as defined in ESPON GEOSPECS



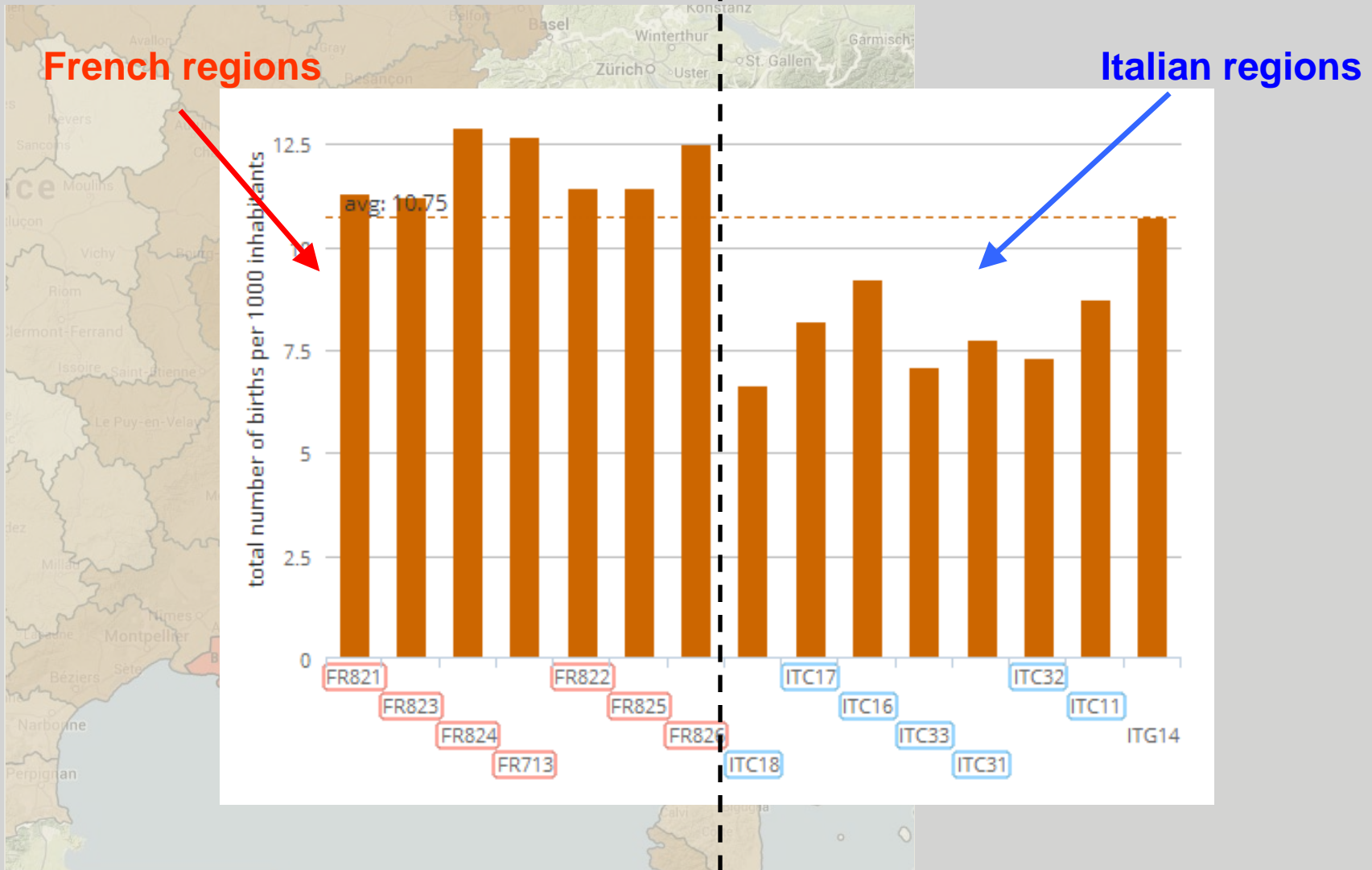
2. Benchmark a region against others in the same typology e.g. Old age dependency ratio for Mountain Massifs in Europe



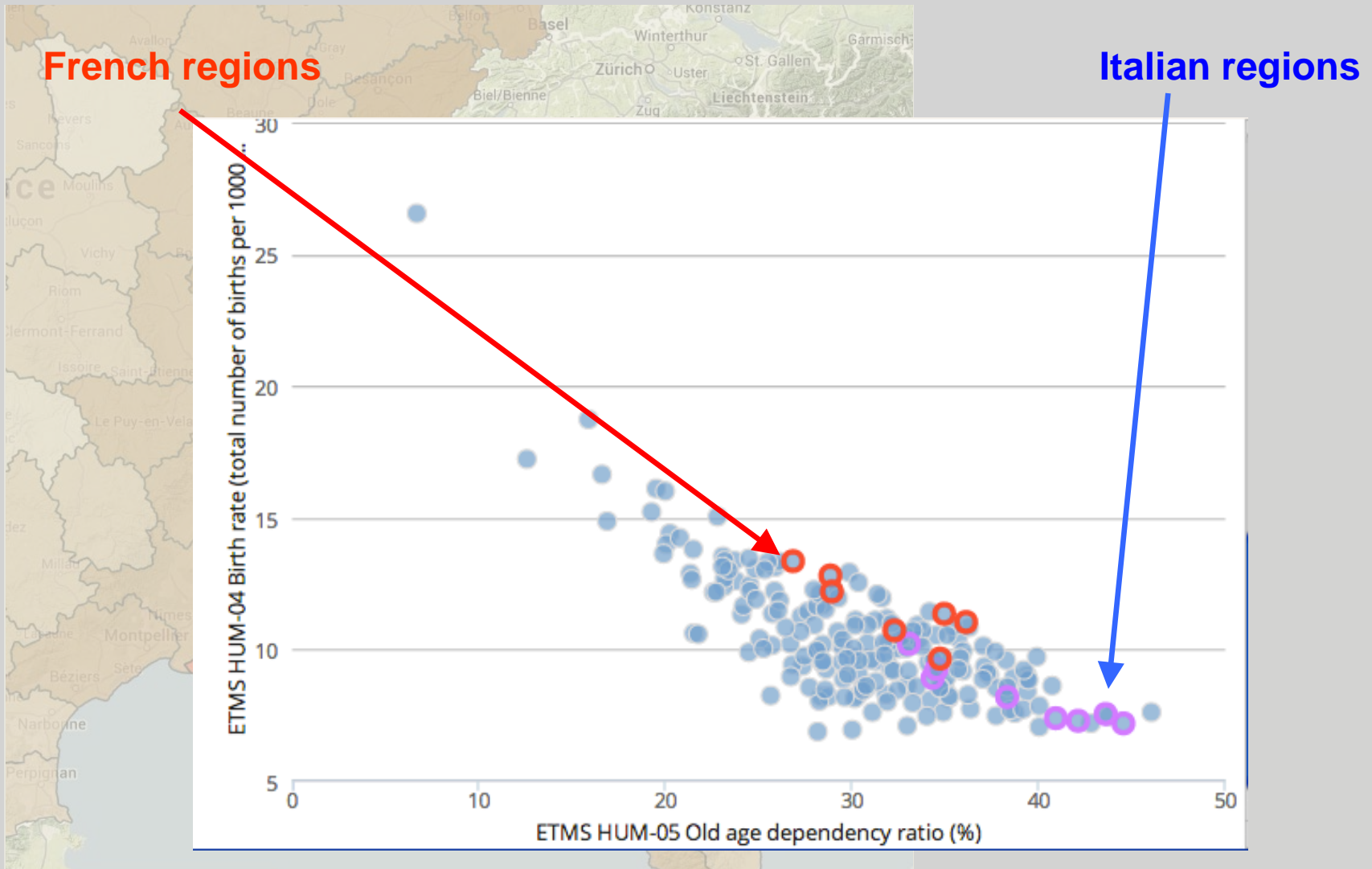
3. Compare selected regions for a given indicator e.g. discontinuities on Birth Rate in the Franco-Italian border



3. Compare selected regions for a given indicator e.g. discontinuities on Birth Rate in the Franco-Italian border



3. To compare 2 indicators on a scatter chart e.g. Birth Rate vs ODR in the Frencno-Italian border



ETMS Data on Timelines

ETMS allows analysing time series for indicators aggregated by different territorial typologies and structures

Time lines by types of territory

→ By Regional typologies (based on NUTS, geographical specificities...)

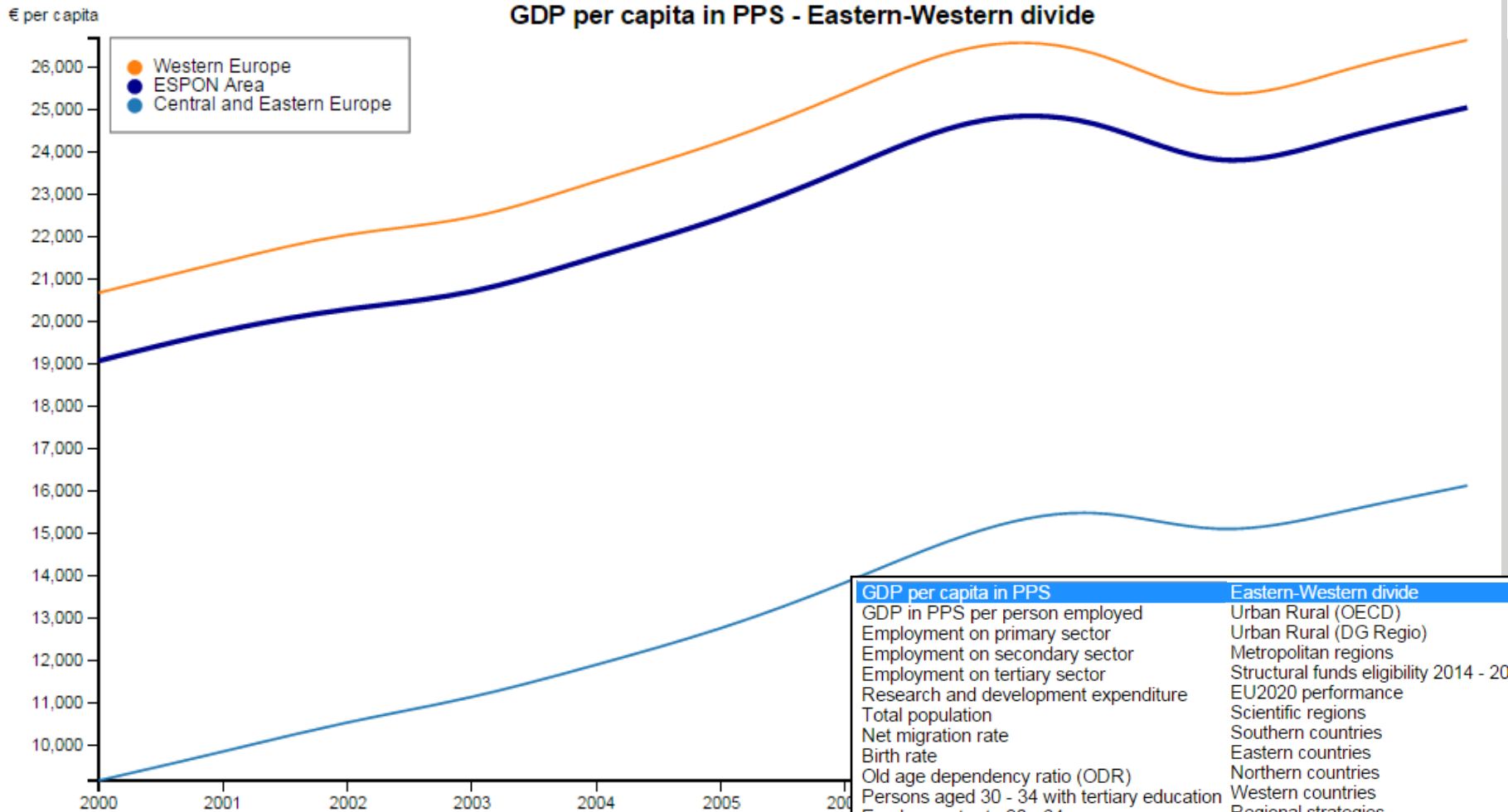
→ Europe in the World Context

→ 2030 projections by regional typology

a) Regional trends

E.g. GDP per capita 2000-2011 – Western and Eastern&Central Europe

Indicator: Tipology: Type:

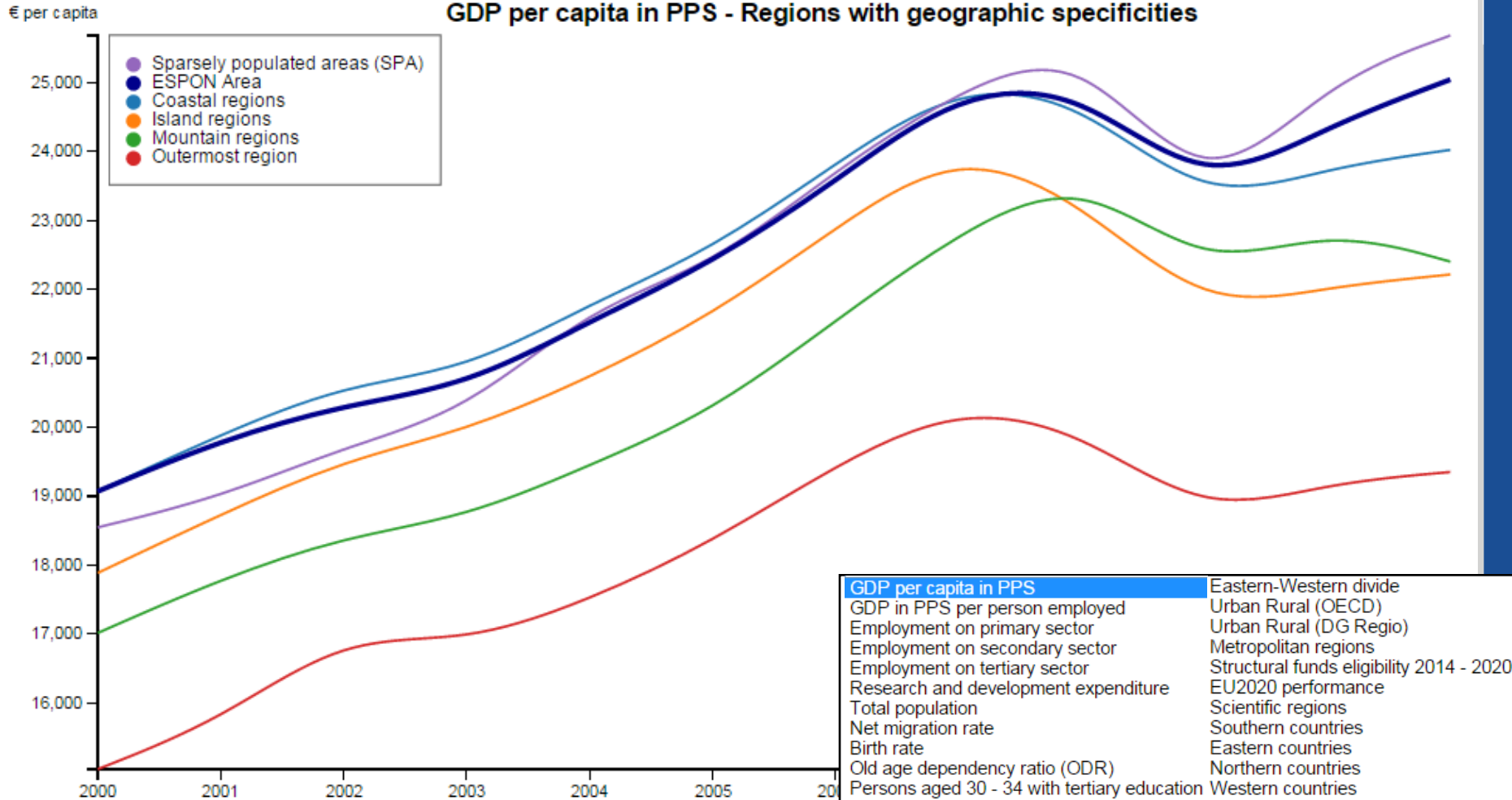


GDP per capita in PPS	Eastern-Western divide
GDP in PPS per person employed	Urban Rural (OECD)
Employment on primary sector	Urban Rural (DG Regio)
Employment on secondary sector	Metropolitan regions
Employment on tertiary sector	Structural funds eligibility 2014 - 2020
Research and development expenditure	EU2020 performance
Total population	Scientific regions
Net migration rate	Southern countries
Birth rate	Eastern countries
Old age dependency ratio (ODR)	Northern countries
Persons aged 30 - 34 with tertiary education	Western countries
Employment rate 20 - 64 years	Regional strategies
Elderly employment rate (55-64)	Regions with geographic specificities
Female employment rate	
Male employment rate	
Youth unemployment rate (15-24)	
Income as PPS based on final consumption	
Population at risk of poverty rate	
Households with broadband access	

a) Regional trends

E.g. GDP per capita 2000-2011 – Mountains, coast, islands, spa...

Indicator: GDP per capita in PPS Tipology: Regions with geographic specificities Type: Trends

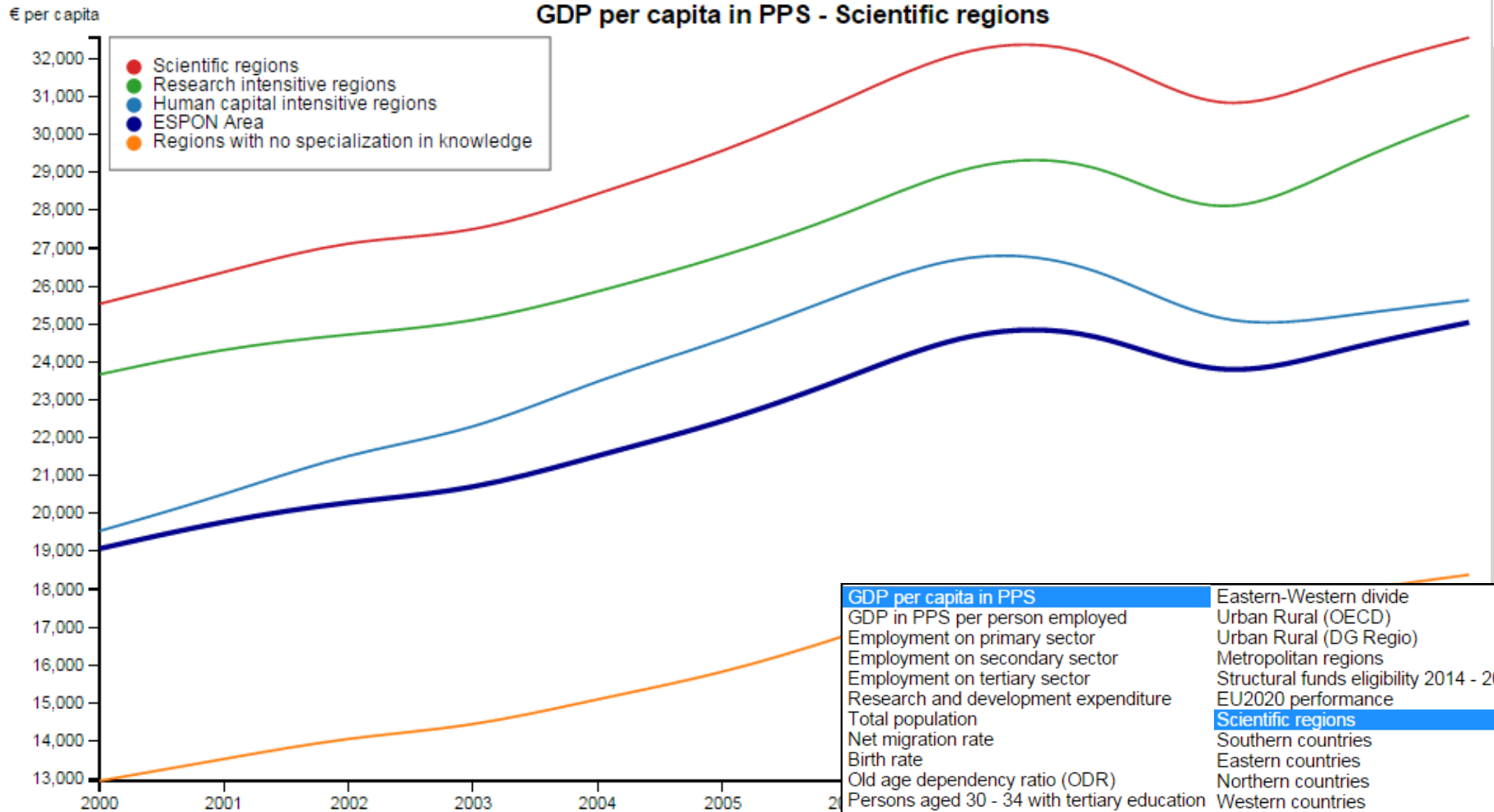


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a) Regional trends

E.g. GDP per capita 2000-2011 – Types of scientific regions (KIT)

Indicator: Tipology: Type:

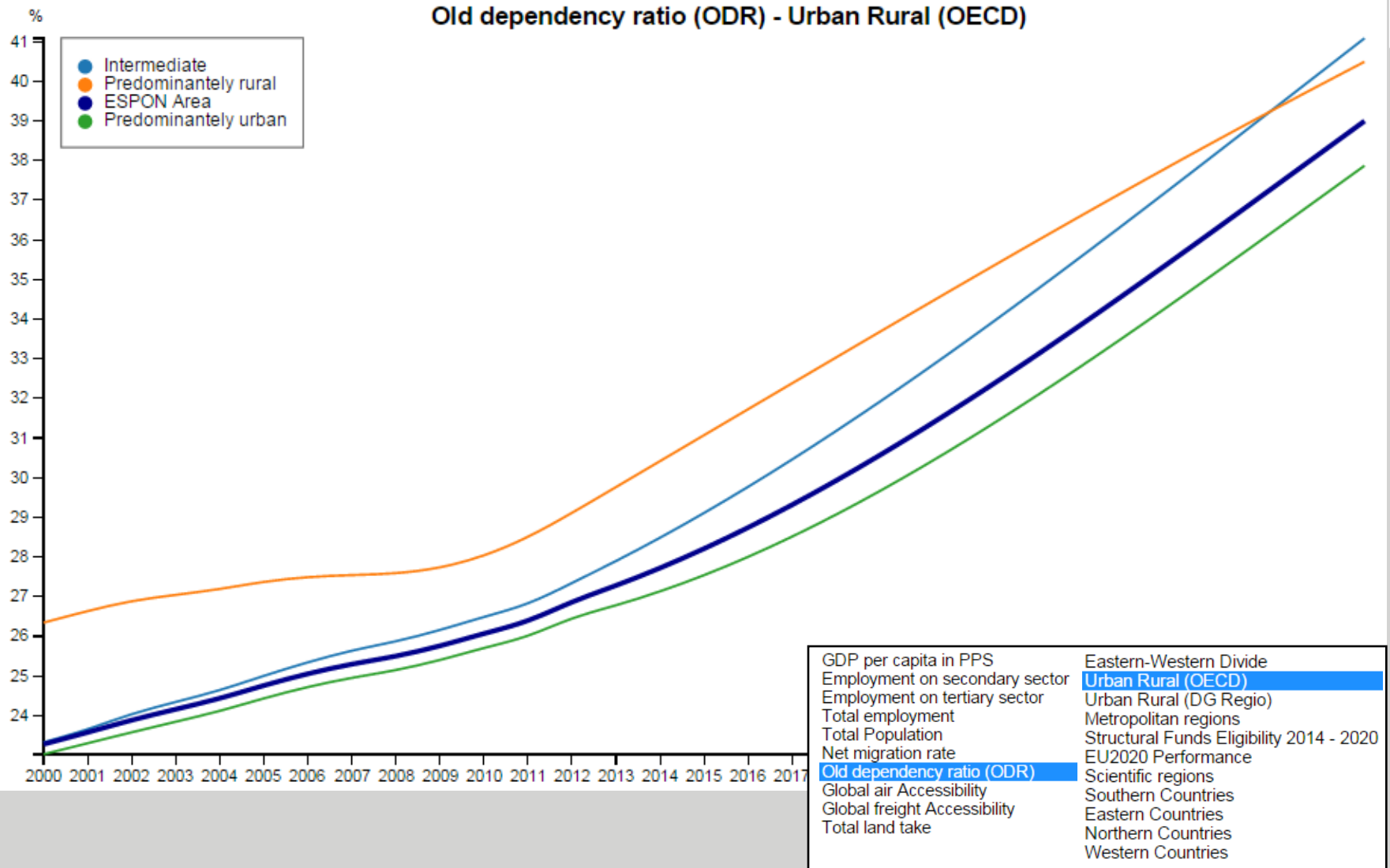


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Income as PPS based on final consumption	
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b) 2030 Forecasts by regional typology

E.g. Old Dependency Ratio by Urban and Rural regions

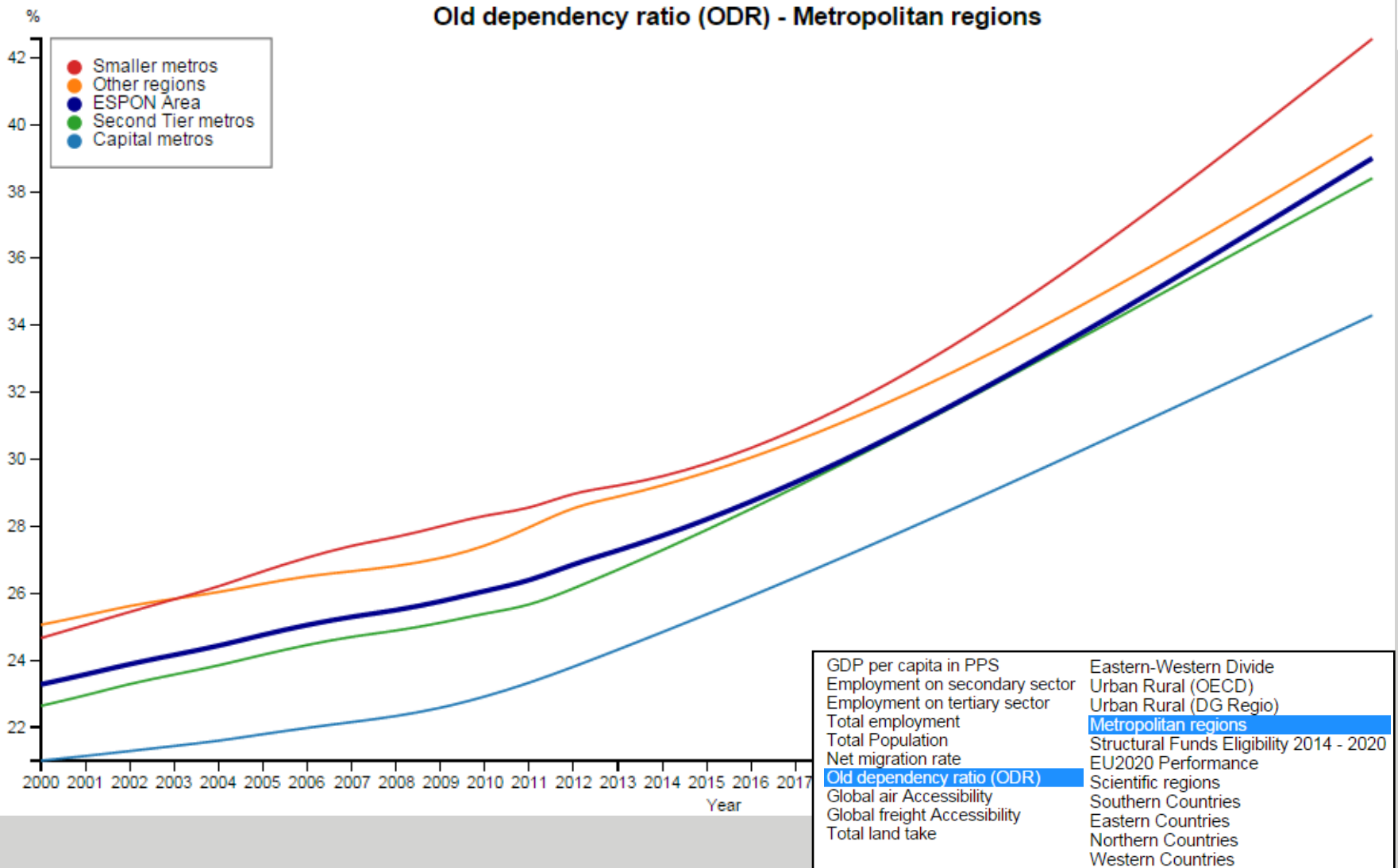
Indicator: Old dependency ratio (ODR) Tipology: Urban Rural (OECD) Type: Trends



b) 2030 Forecasts by regional typology

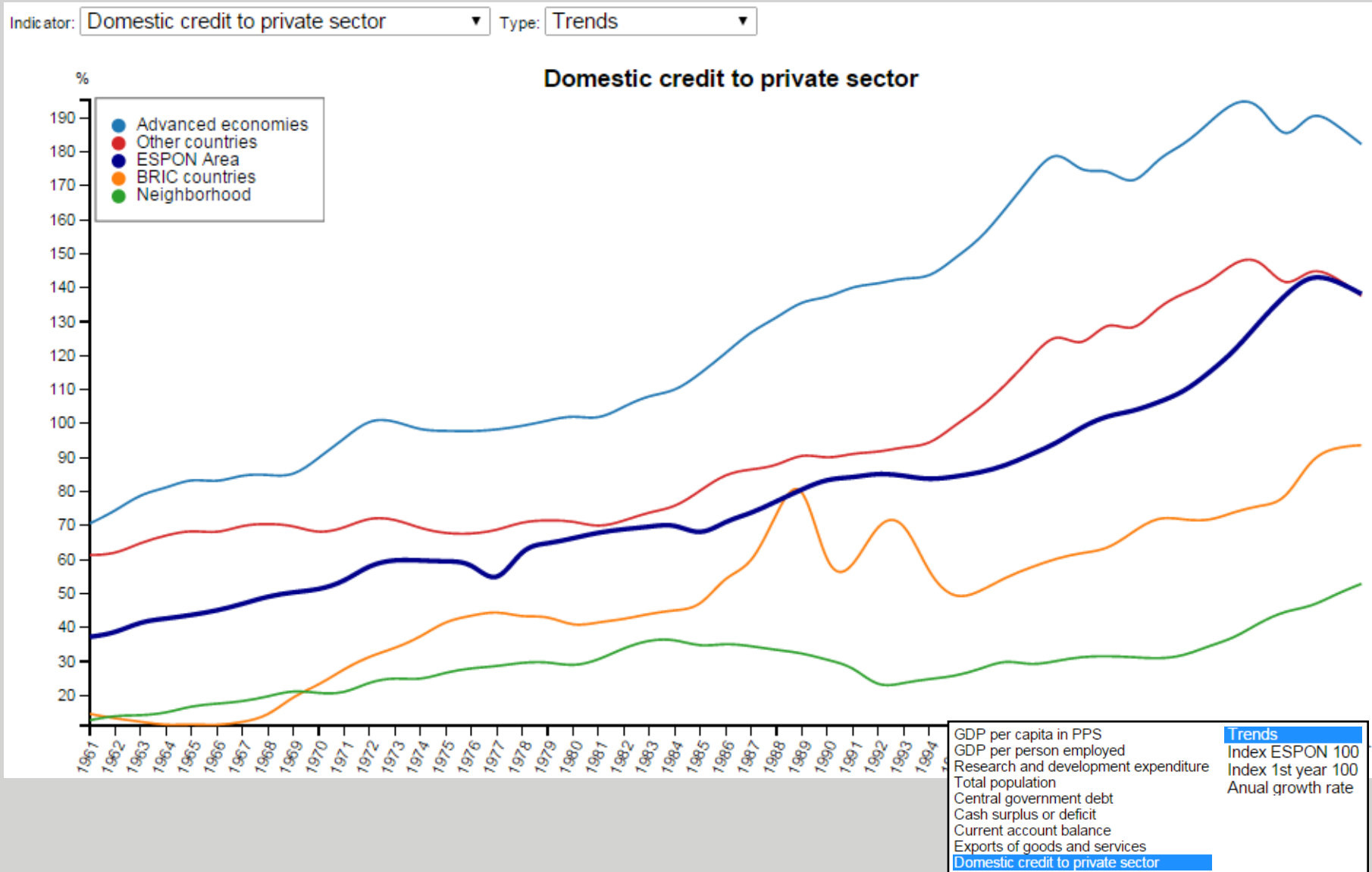
E.g. Old Dependency Ratio by Metropolitan Regions

Indicator: Old dependency ratio (ODR) Tipology: Metropolitan regions Type: Trends



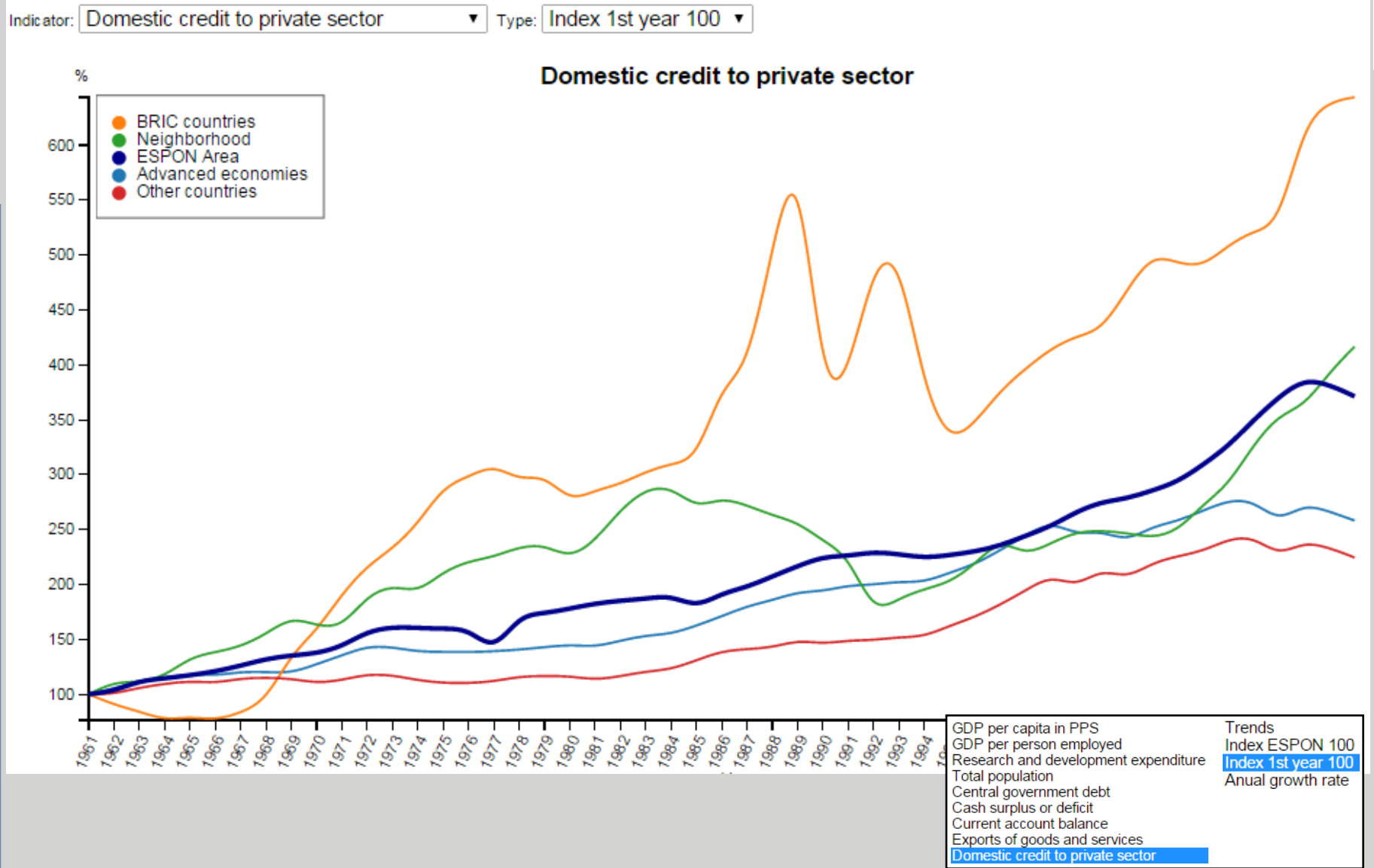
c) Europe in the World Context 1961-2011

E.g. Domestic credit to private sector - % of GDP



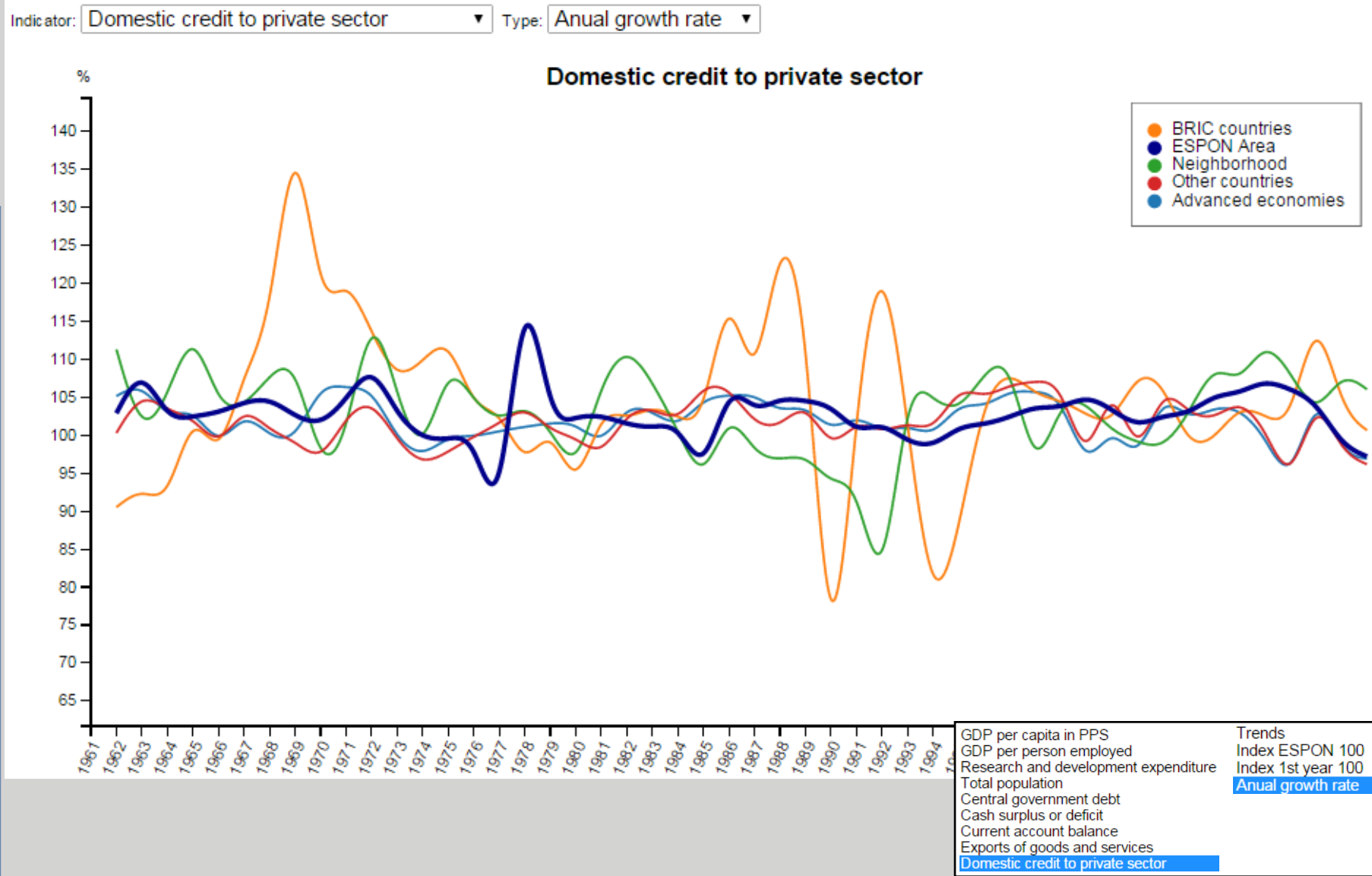
c) Europe in the World Context 1961-2011

E.g. Domestic credit to private sector - Index 1961=100



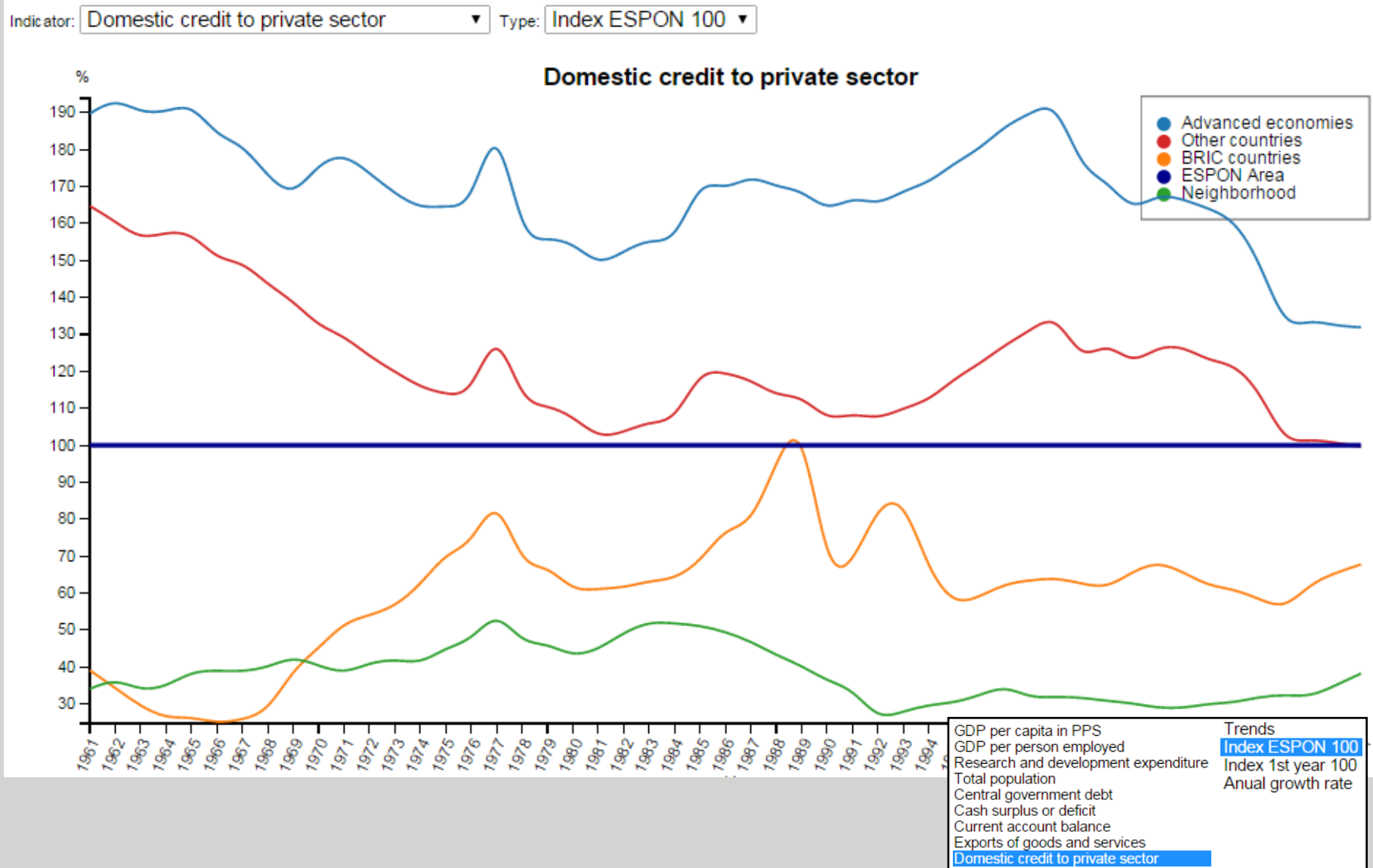
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E.g. Domestic credit to private sector - Index 1961=100



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Name	Type	
BP	Private Stakeholder	> ▲
Brookings	Private Stakeholder	>
Bruegel	Think Tank	>
Bureau of European Policy Advisers (BEPA)	European Institution	>
CCC Climat	Global Institution	>
Center for European Policy Studies (CEPS)	Think Tank	>
Center for Global Development	Think Tank	>
City Mayors Fundation	Think Tank	>
Comittee of the Regions	European Institution	>
Development Reserarch Centre on Migration, Globalisation & Poverty	Global Institution	>
Directorate-General for Agriculture and Rural Development	European Institution	>
Directorate-General for Climate Change	European Institution	>
Directorate-General for Economic and Financial Affairs (ECFIN)	European Institution	>
Directorate-General for Energy	European Institution	>
Directorate-General for Enterprise and Industry	European Institution	>
Directorate-General for Regional and Urban Policy (InfoRegio)	European Institution	>
Directorate-General for the Employment, Social Affairs and Inclusion	European Institution	> ▼

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Institution: **Products for Directorate-General for Economic and Financial Affairs (ECFIN) ×**

See current	Country Focus	2004		Economy	> ▲
Name	ECFIN Economic Briefs	2009		Economy	>
BP	Economic Forecasts	1992		Economy	>
Brookings	EU Candidate and Pre-Accession Countries				
Bruegel	Economies Quarterly - CCEQ	2005		Economy	>
Bureau of	European business cycle indicators	2009		Economy	>
CCC Climate	European Economy - Economic Papers	1997		Economy	>
Center for	European Economy - Occasional Papers	2003		Economy	>
Center for	General interest publications.	2008		Economy	>
City Mayor	iGrowGreen	2000	Annual	Economy	>
Committee c	Labour market and wage developments	2004	Annual	Economy	>
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SQL/etms-project/index.php/component/dataproducts

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Product report

Name:	LABDEV - Labour market and wage development database.
Institution:	Directorate-General for Economic and Financial Affairs (ECFIN)
Territorial Scope:	European
First Release:	2005
Periodicity:	Annual
Theme:	Economy
Document Type:	Indicator
Description:	The LABDEV database provides data on key labour market and wage developments indicators for all EU Member States.
Website:	Product web site

[Close](#)

Directorate-General for Energy	European Institution	>
Directorate-General for Enterprise and Industry	European Institution	>
Directorate-General for Regional and Urban Policy (InfoRegio)	European Institution	>
Directorate-General for the Employment, Social Affairs and Inclusion	European Institution	>



10.1/etms-project/index.php/component/dataproducts

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The screenshot shows a web browser window with the URL `ec.europa.eu/economy_finance/indicators/labdev/stats/index_en.html`. The page header includes the European Commission logo and the title 'Economic and Financial Affairs'. A navigation menu contains links for Sitemap, Search, Contact, RSS, Subscribe, and Legal notice. The main content area is titled 'Labour market and wage development - Statistics' and includes a 'LABDEV Catalogue' link. Below this, there are tabs for 'Selection' and 'Results', with 'Results' being the active tab. A 'View results' button is present. The main content area displays a tree view of indicators and filters. The 'Indicators' section is expanded, showing a list of 14 indicators under '1 Work Status of persons' and 6 indicators under '2 Indicator board on wage developments (annual percentage change)'. The 'Periods' filter is also expanded, showing 'Latest' selected, with sub-options for 'Years - 2009-2005' and 'Quarters - 2009'. The 'Countries' filter is also visible, with 'Member States' and 'Country Groups' options.

European Commission
Economic and Financial Affairs

European Commission > Economic and Financial Affairs > Economic databases and indicators > LABDEV > Statistics

Labour market and wage development - Statistics

[LABDEV Catalogue](#)

Selection Results

View results

- Indicators
 - 1 Work Status of persons
 - 1.1 Population (total) 1000 pers.
 - 1.2 Population (working age:15-64)
 - 1.3 Labour force (15-64) 1000 pers.
 - 1.4 Activity rate (as % of population 15-64)
 - 1.5 Employment rate (as % of pop. 15-64)
 - 1.6 Employed persons (age15-64 -Th. pers.)
 - 1.7 Employment growth (%) (National accounts)
 - 1.8 Self employed (% of total employment)
 - 1.9 Temporary employment (as % total)
 - 1.10 Part-time (as % of total employment)
 - 1.11 Unemployment rate (Harmonised:15-74)
 - 1.12 Long-term unemployment rate
 - 1.13 Worked hours (average actual weekly hours)
 - 1.14 Sectoral employment growth
 - 2 Indicator board on wage developments (annual percentage change)
 - 2.1 Different measures of wage/labour costs:
 - 2.2 Structure of labour costs
 - 2.3 Memo items: determinants or benchmarks
 - 2.4 Sectoral breakdown of unit labour costs
 - 2.5 Sectoral breakdown of compensation per employee
 - 2.6 Sectoral breakdown of labour productivity
- Countries
 - Member States
 - Country Groups
- Periods
 - Latest
 - Years - 2009-2005
 - Quarters - 2009
 - Earlier



ESPON Open Seminar 2014

**“Territories Acting for Economic Growth:
Using territorial evidence to meet challenges towards 2020”**

Plenary session 3:

Progress on ESPON Toolbox

European Territorial Monitoring System

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