ESPON

TPM
Territorial Performance Monitoring
Annexes

Atlas of Monitoring Indicators

Targeted Analysis 2013/02/13

Final Report | Version 29/June/2012

EUROPEAN UNION
Part-financed by the European Regional Development Fund
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This report presents the interim results of a Targeted Analysis conducted within the framework of the ESPON 2013 Programme, partly financed by the European Regional Development Fund.

The partnership behind the ESPON Programme consists of the EU Commission and the Member States of the EU27, plus Iceland, Liechtenstein, Norway and Switzerland. Each partner is represented in the ESPON Monitoring Committee.

This report does not necessarily reflect the opinion of the members of the Monitoring Committee.

Information on the ESPON Programme and projects can be found on www.espon.eu

The web site provides the possibility to download and examine the most recent documents produced by finalised and ongoing ESPON projects.

This basic report exists only in an electronic version.

List of authors

Pablo Medina-Lockhart (IGEAT ULB)

Didier Peeters (IGEAT-ULB)

Moritz Lennert (IGEAT ULB)

Mirjam Schindler (IGEAT ULB)

Xavier May (IGEAT ULB)

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1 Introduction

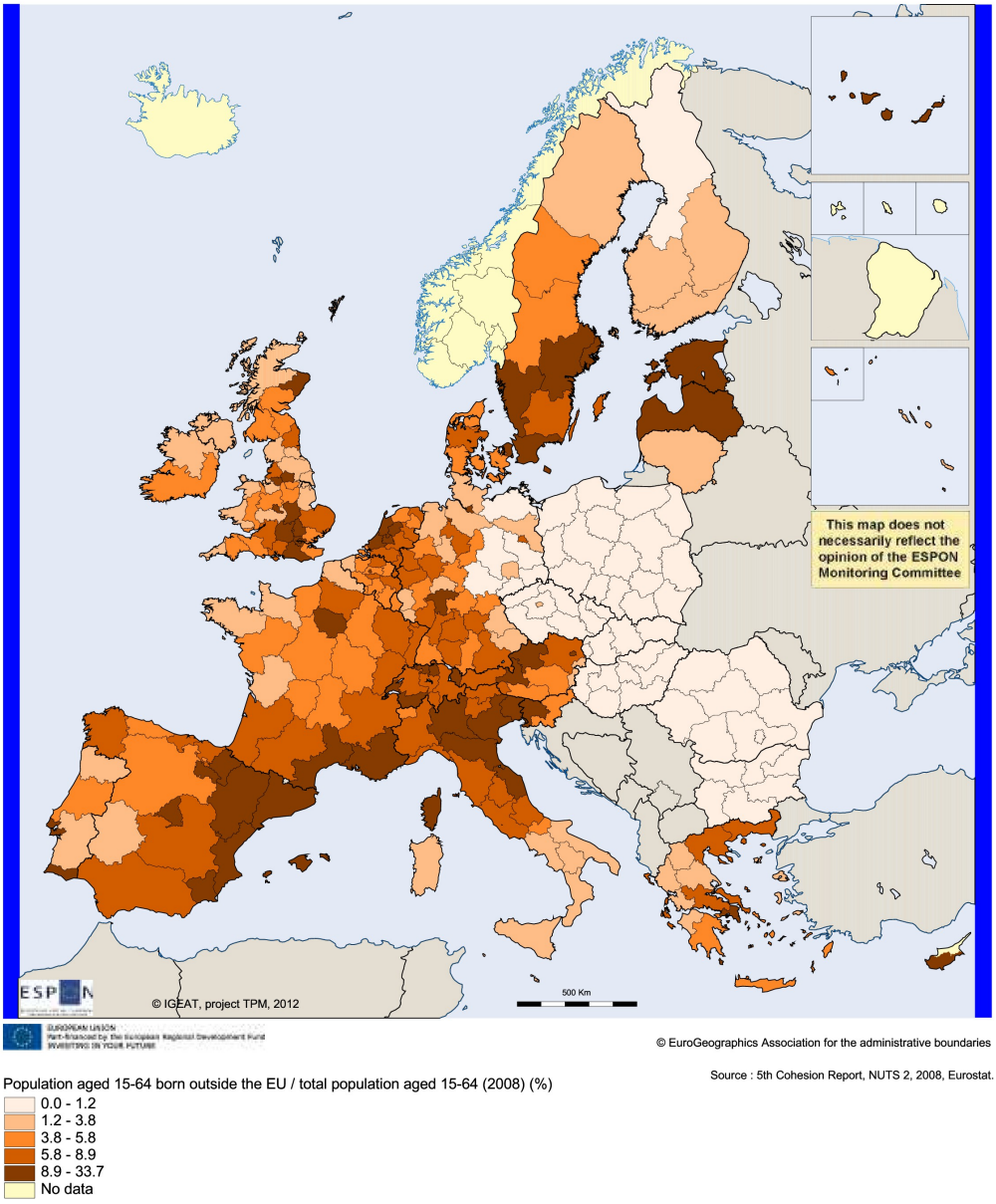
During the project a set of core benchmarking indicators for EU-wide benchmarking related to the four challenges - globalisation, demographic changes, climate change and new energy paradigm - was developed These indicators shall provide an overall impression on the region's position within the four mentioned challenges. This annex presents an atlas of maps of these indicators.

For each indicator, we present a map using official EU objectives as thresholds when available and a simple 5-class quantile classification when no objectives exist. In this latter system, the central class represents the median, i.e. half of the regions have higher values and the other half lower values. The advantage of this visualisation is that it does not make any choice concerning direction and meaning of the indicators.

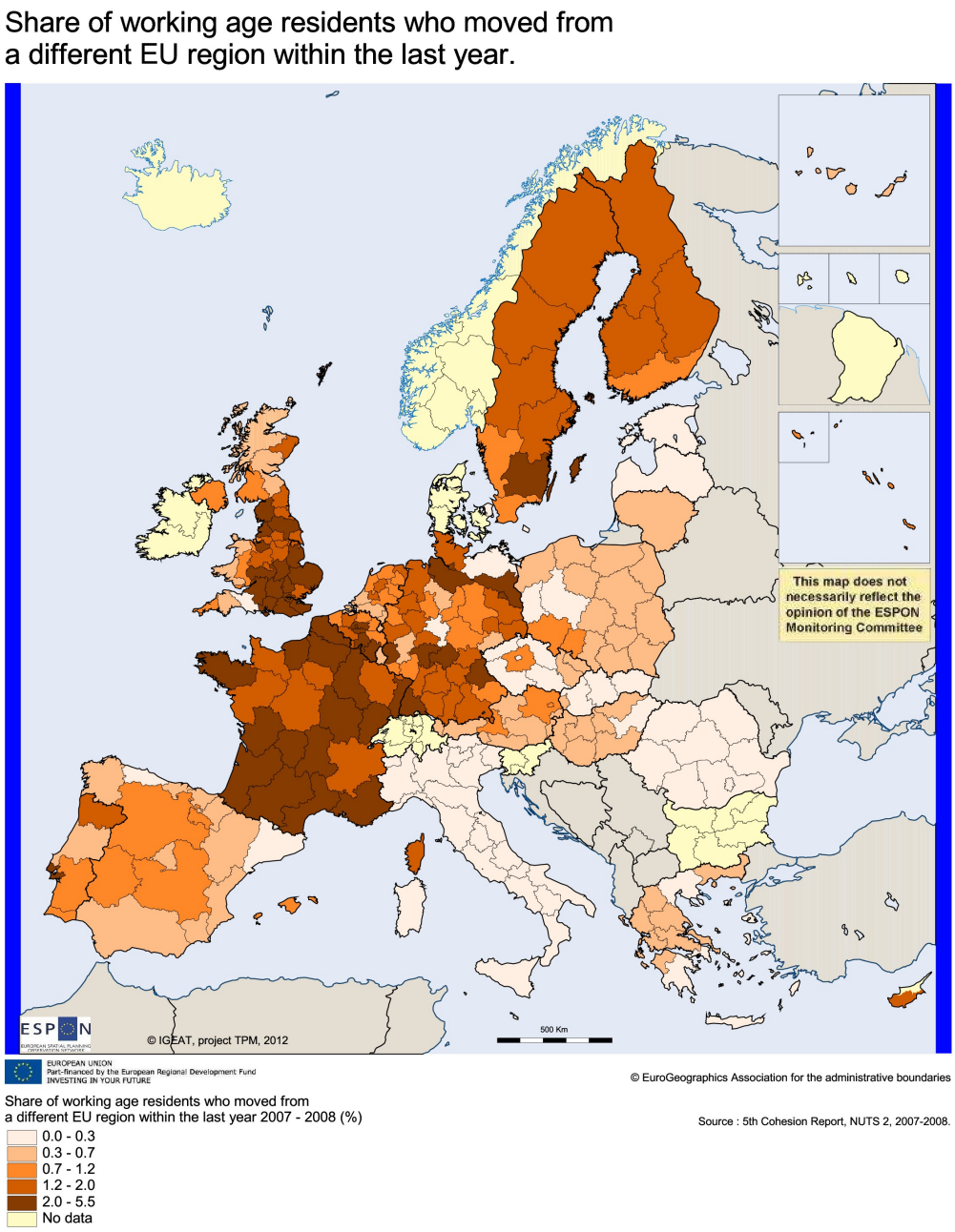
See the annex "Core Quantitative Benchmarking Dataset - Definitions and Explanations" for more details about each of these indicators.

2 Globalisation

Population born outside the EU aged 15-64.

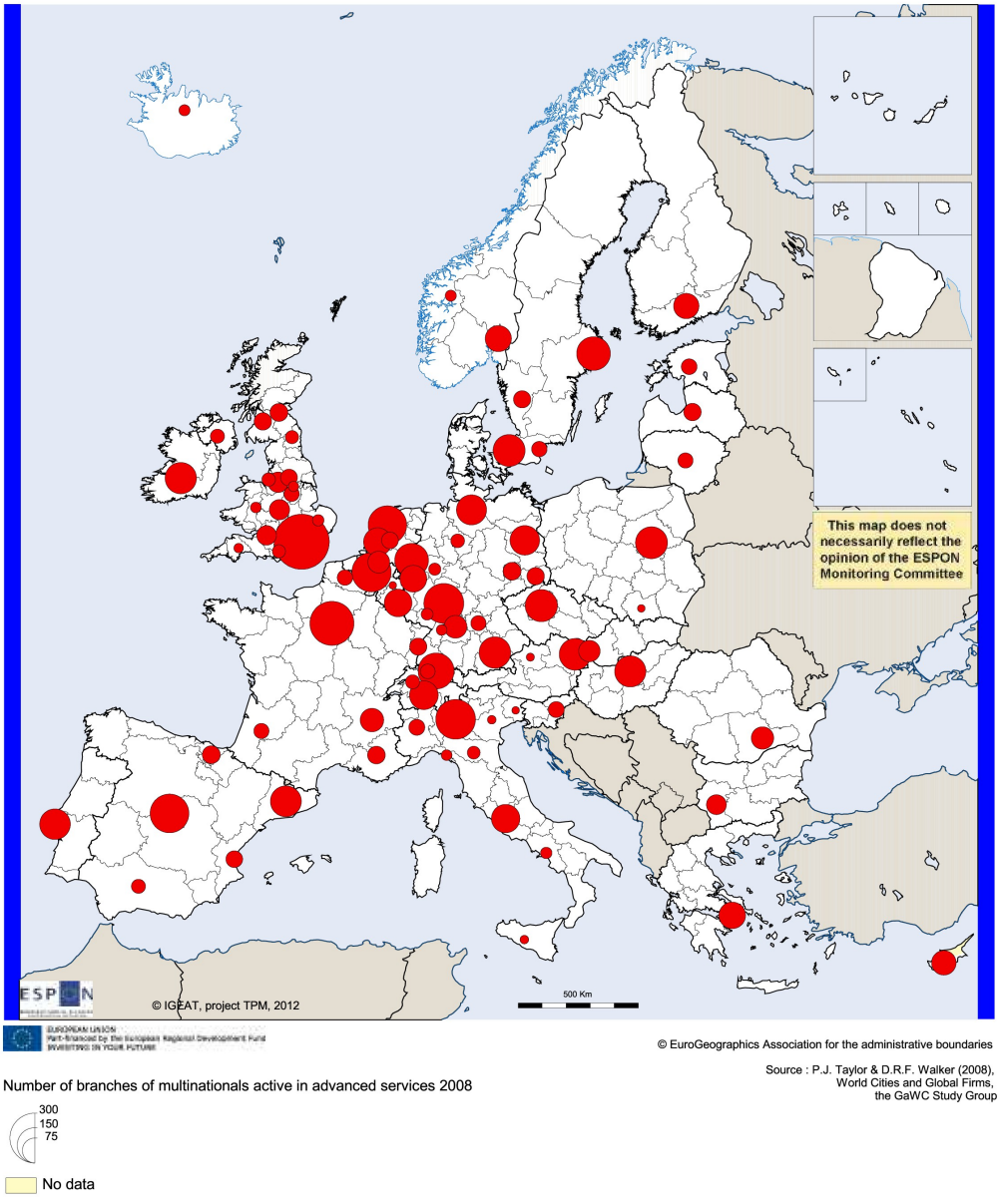


Map 2.1: Population aged 15-64 born outside the EU

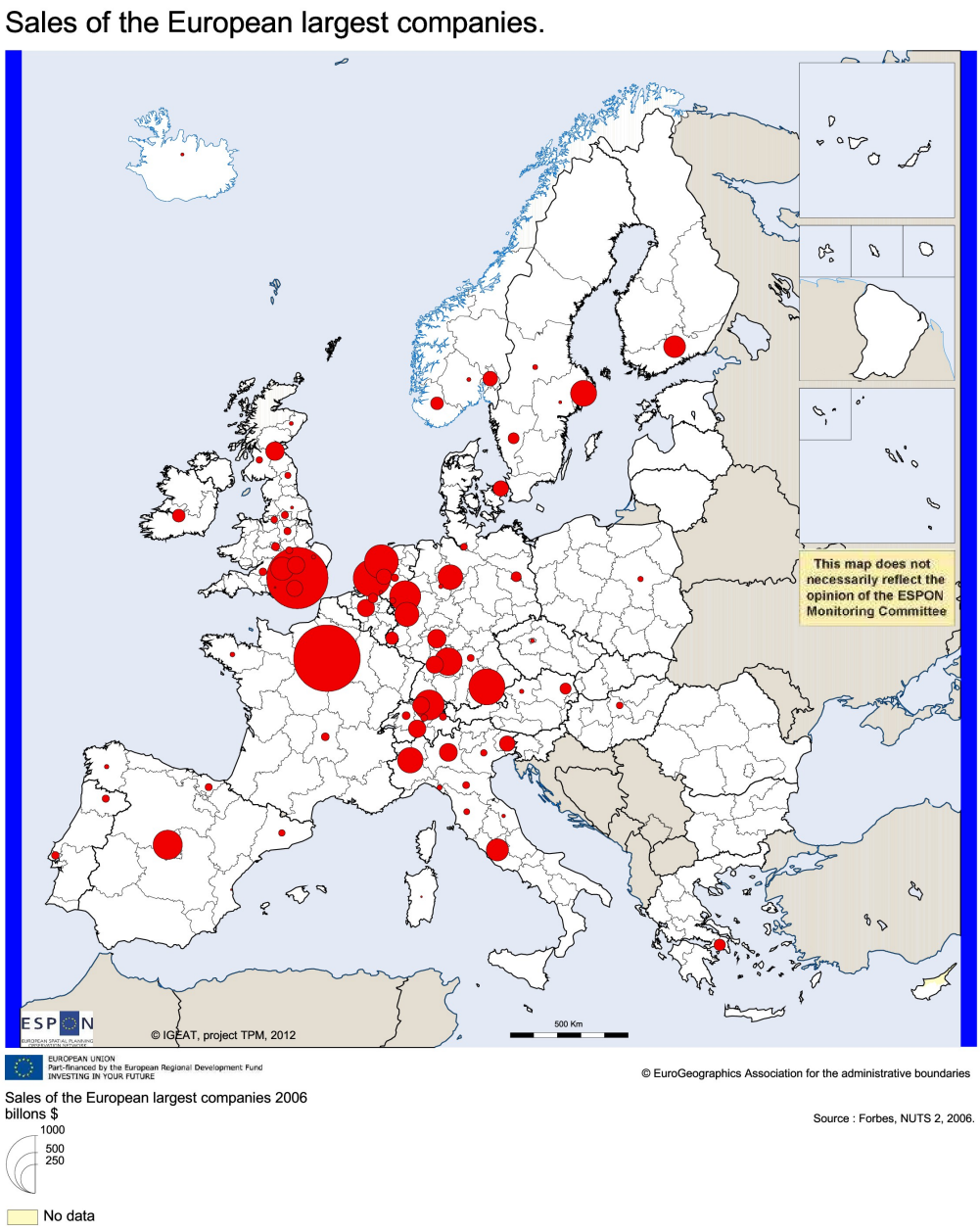


Map 2.2: Share of working age residents who moved from a different EU region within the last year

Number of branches of multinationals active in advanced services.



Map 2.3: Number of branches of multinationals active in advanced services



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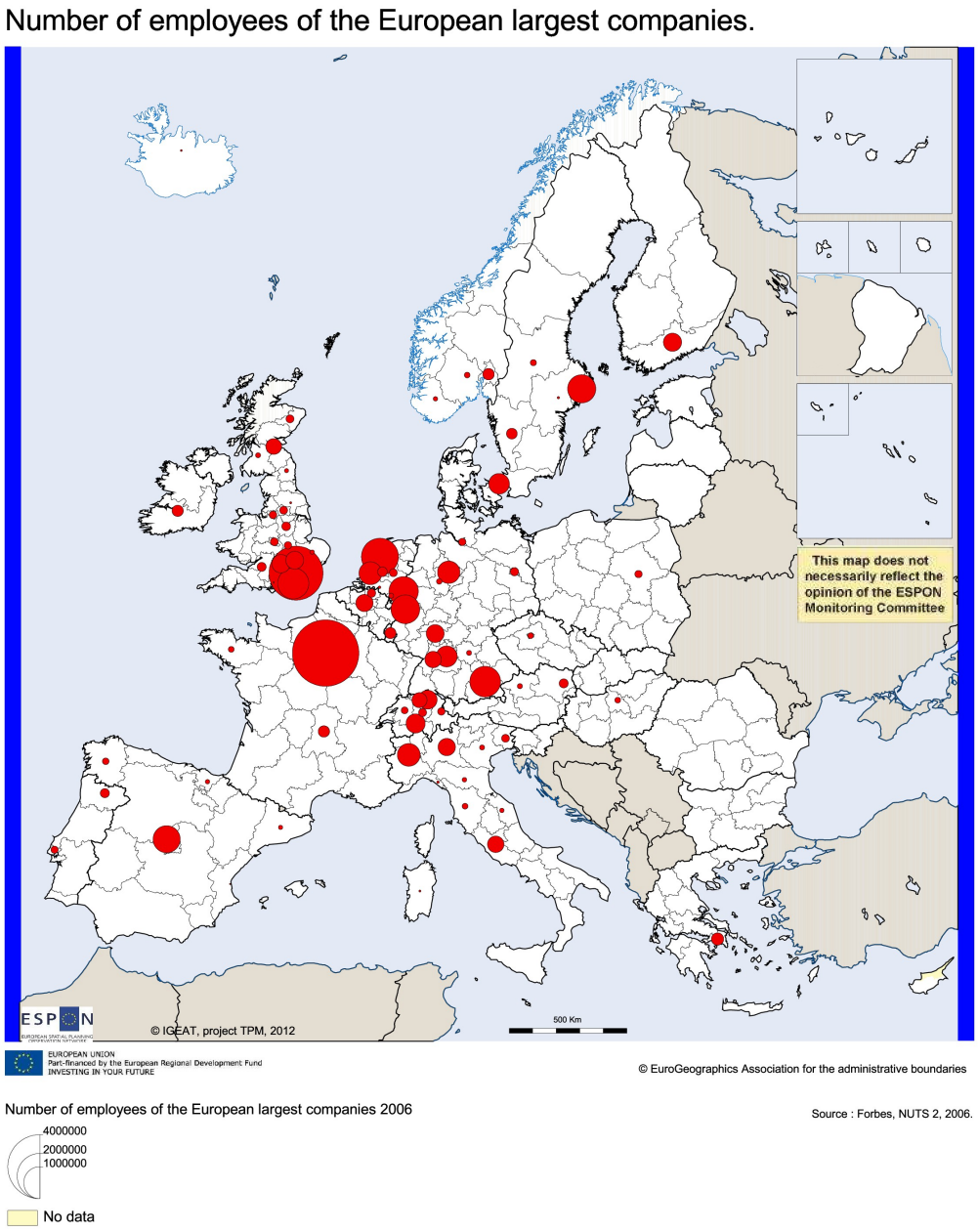
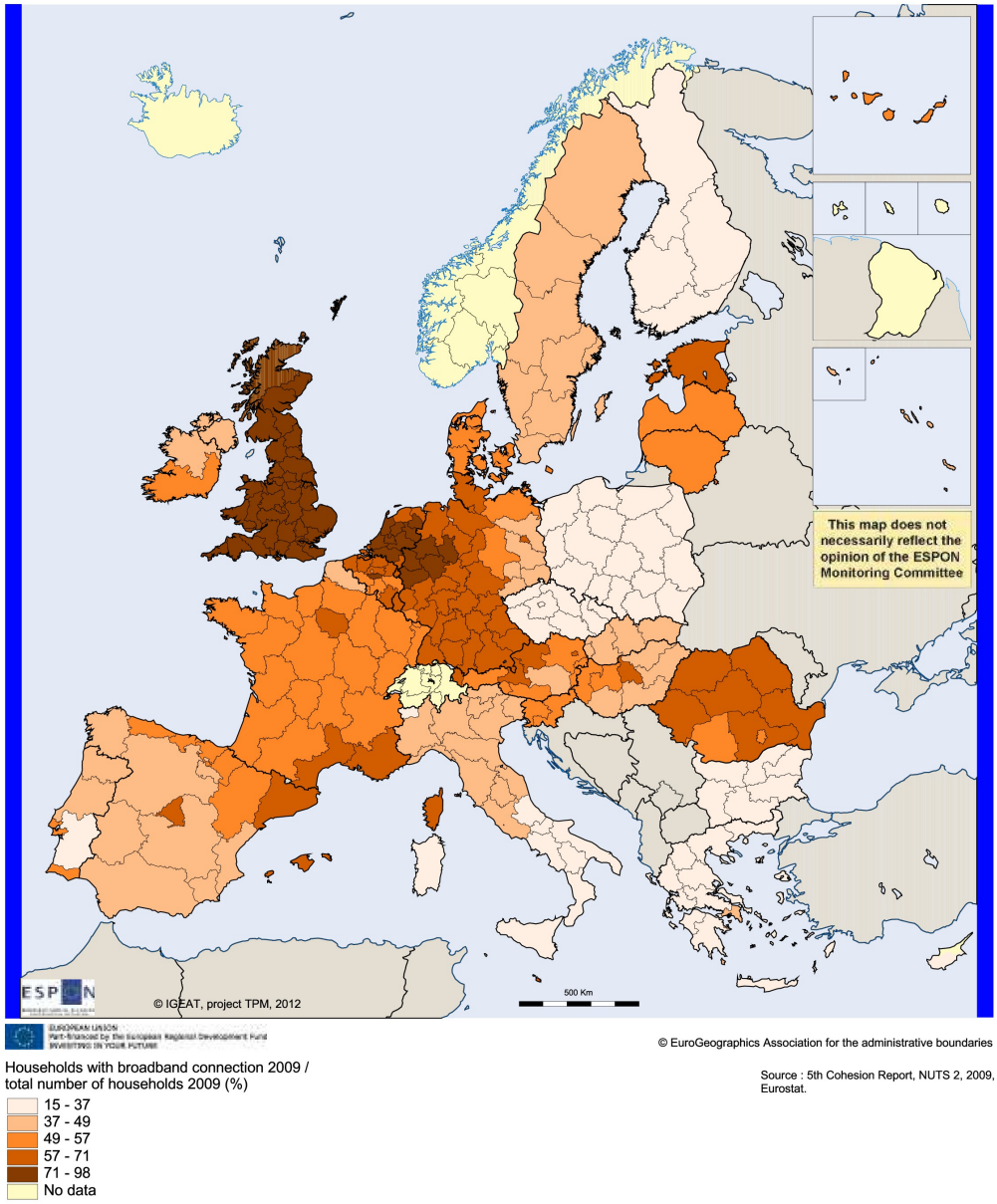


Map 2.5 : Number of employees of the largest European companies

Internet access.



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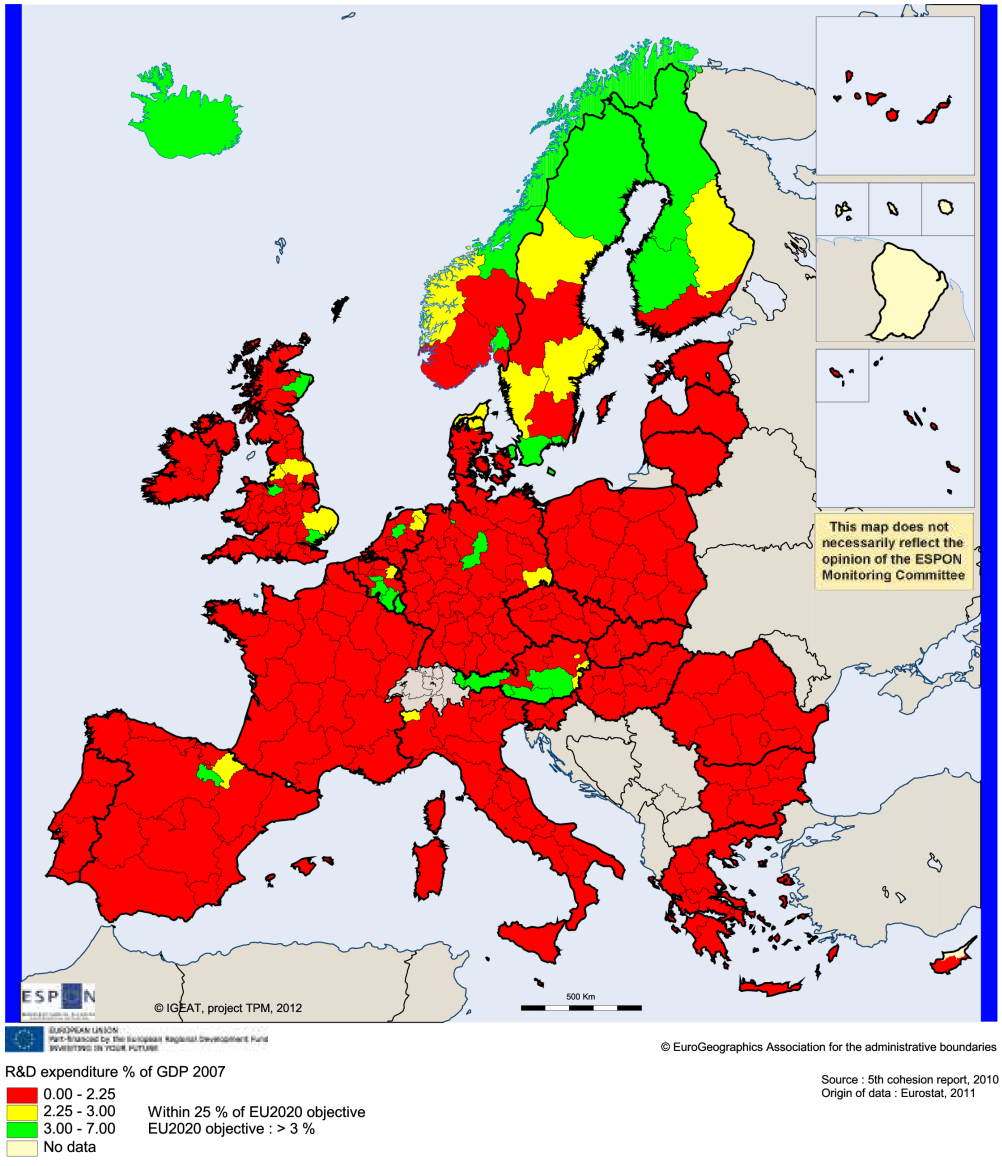
Expenditure on R&D.



Map 2.7 : Expenditure on R&D

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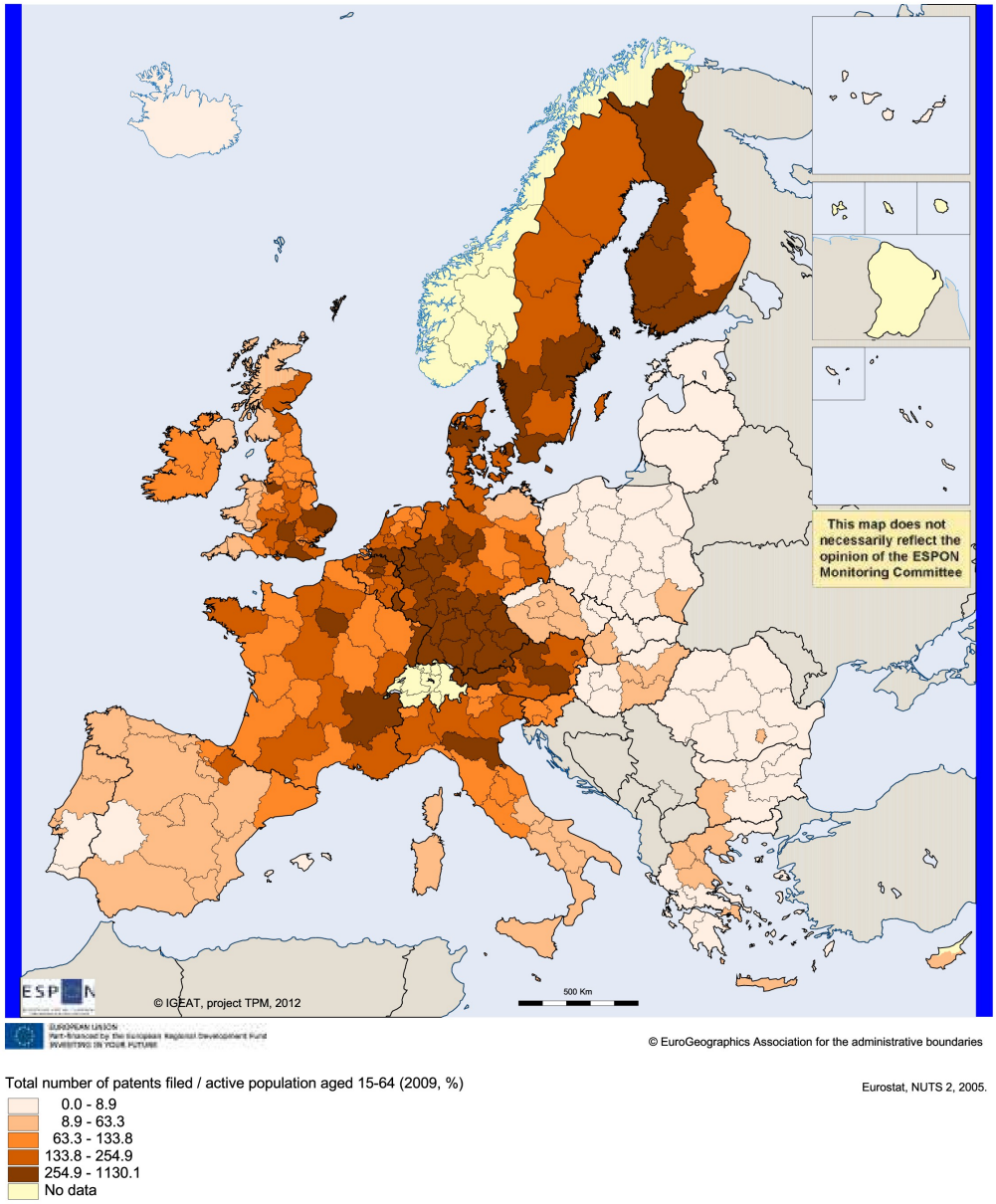
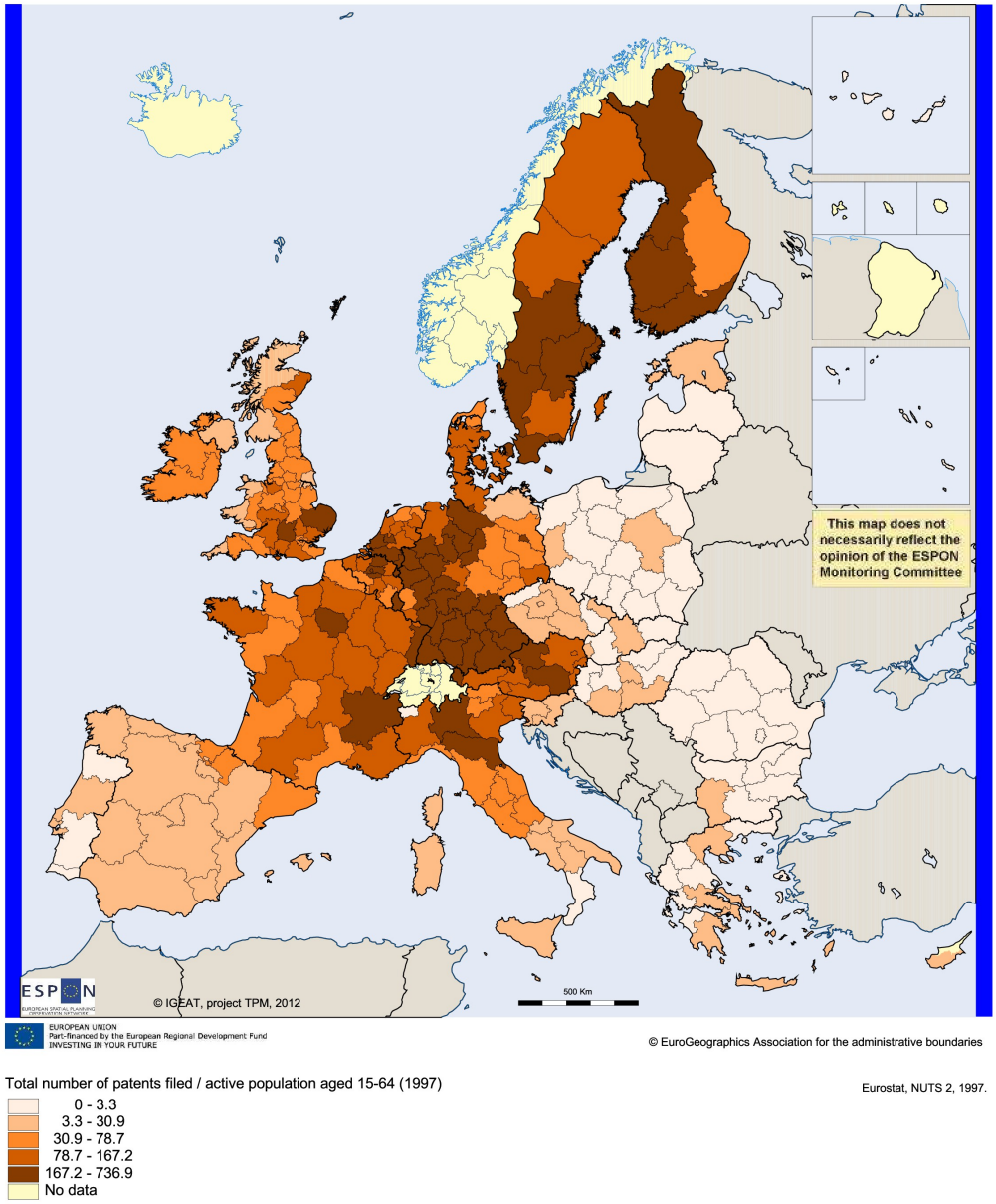


Map 2.8 : Relative number of patents (2009)

Relative number of patents.



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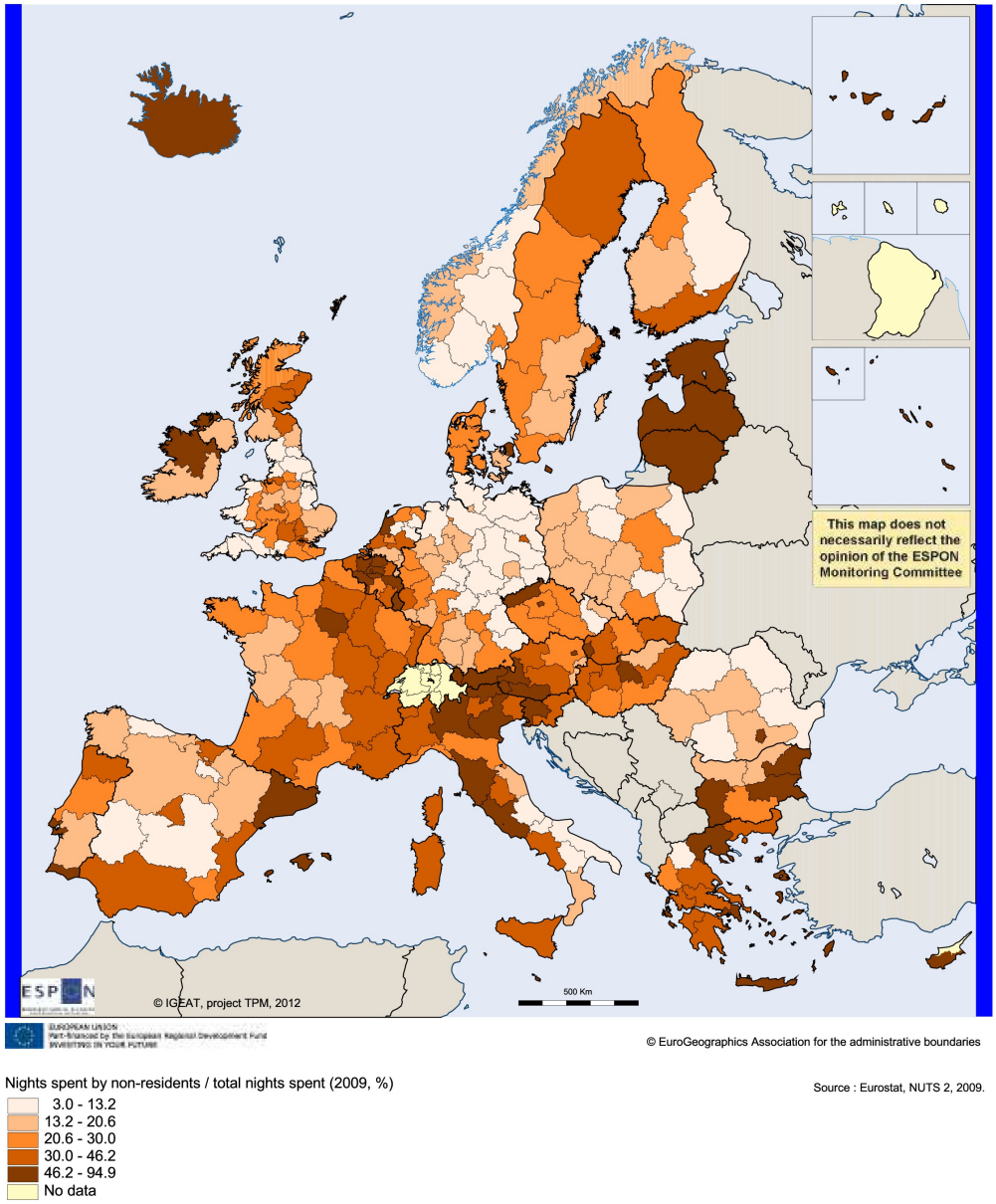

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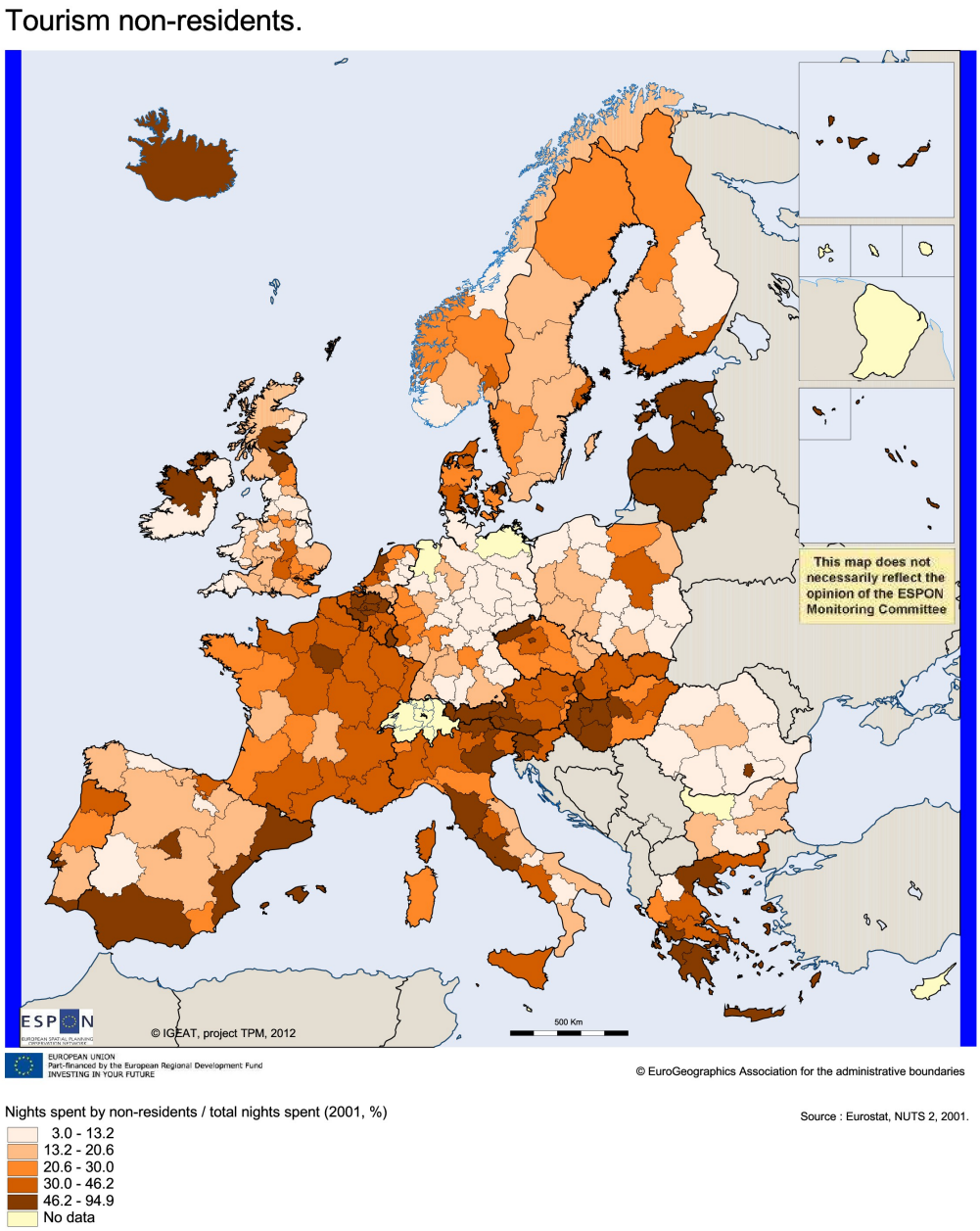

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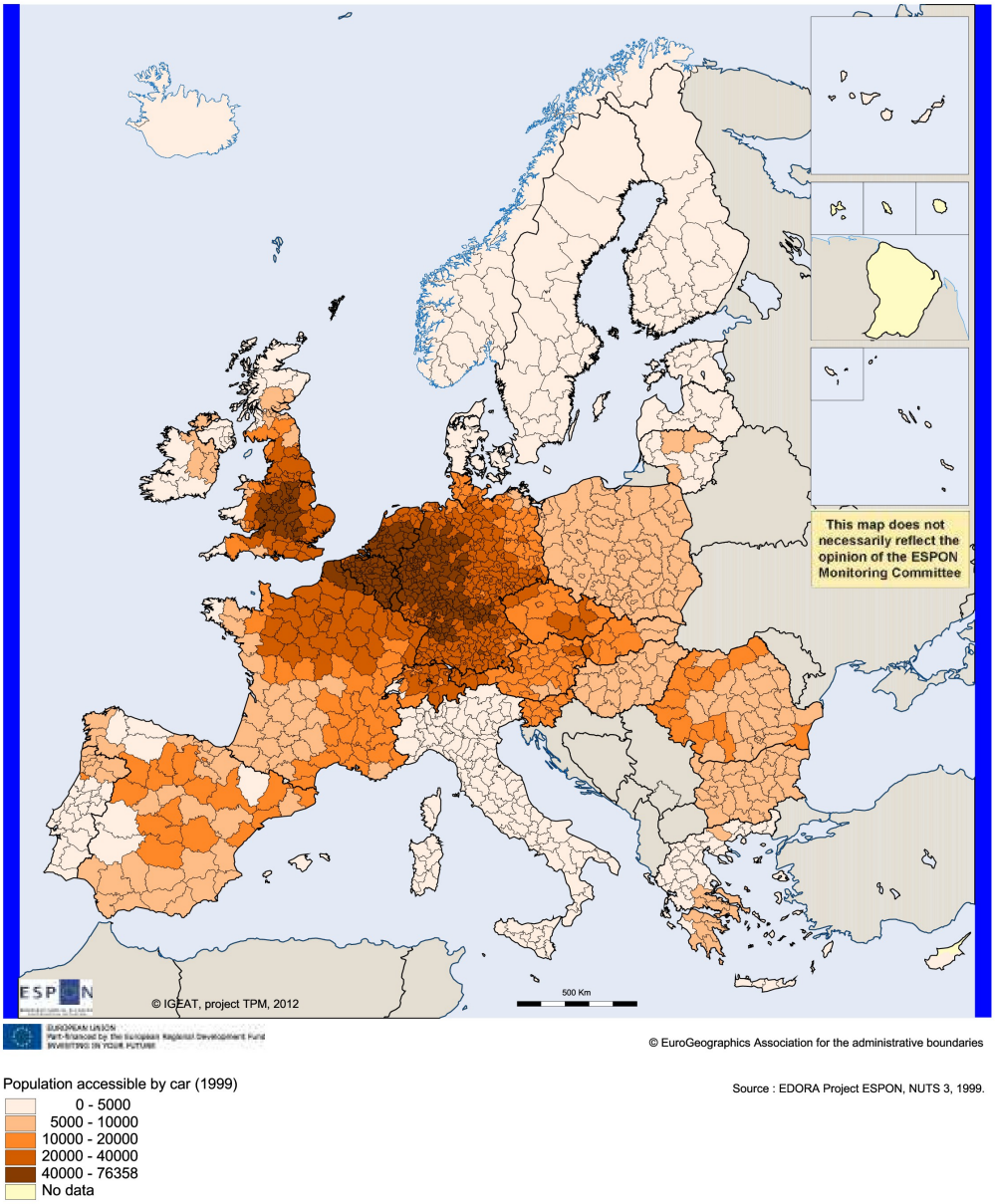

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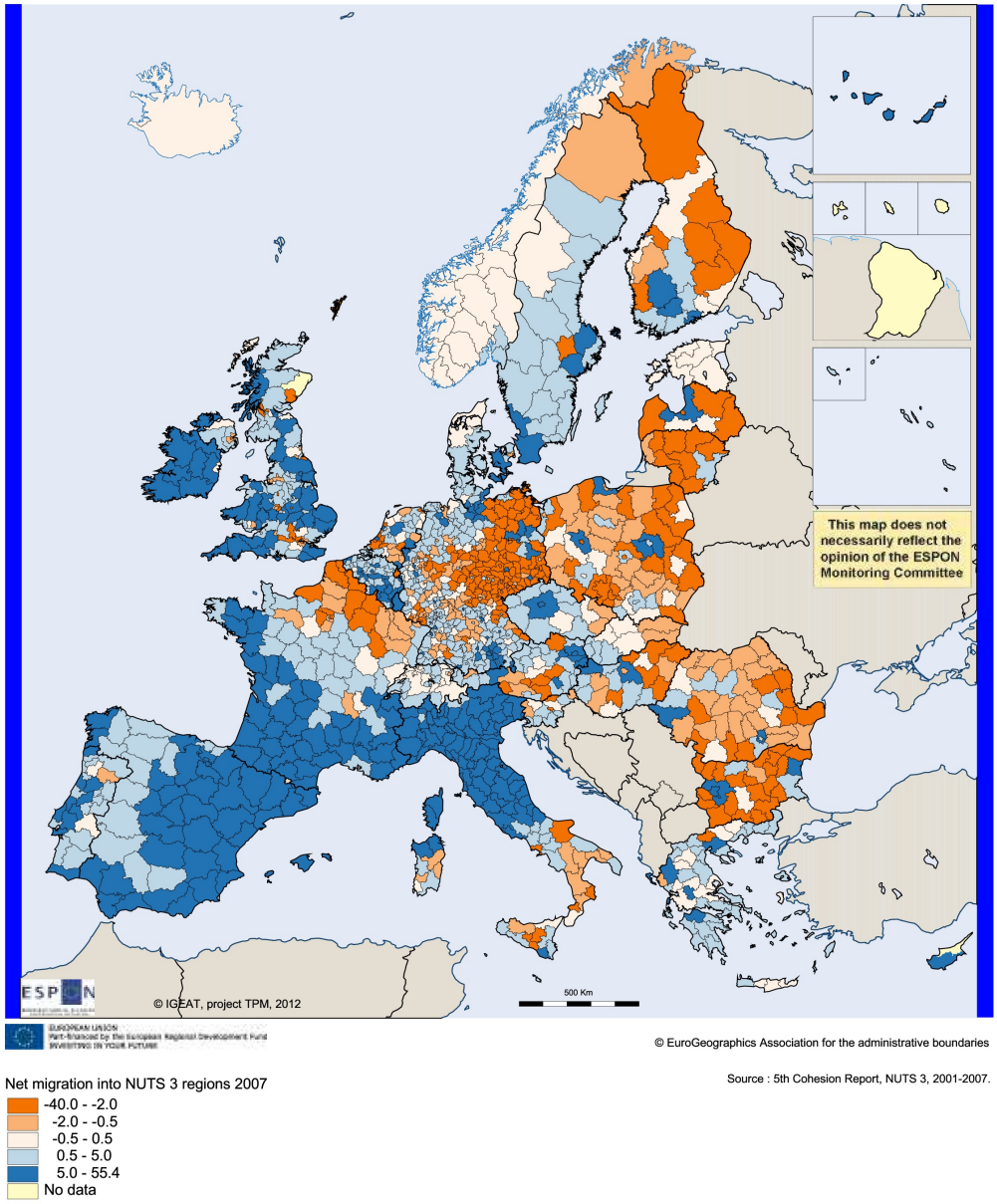

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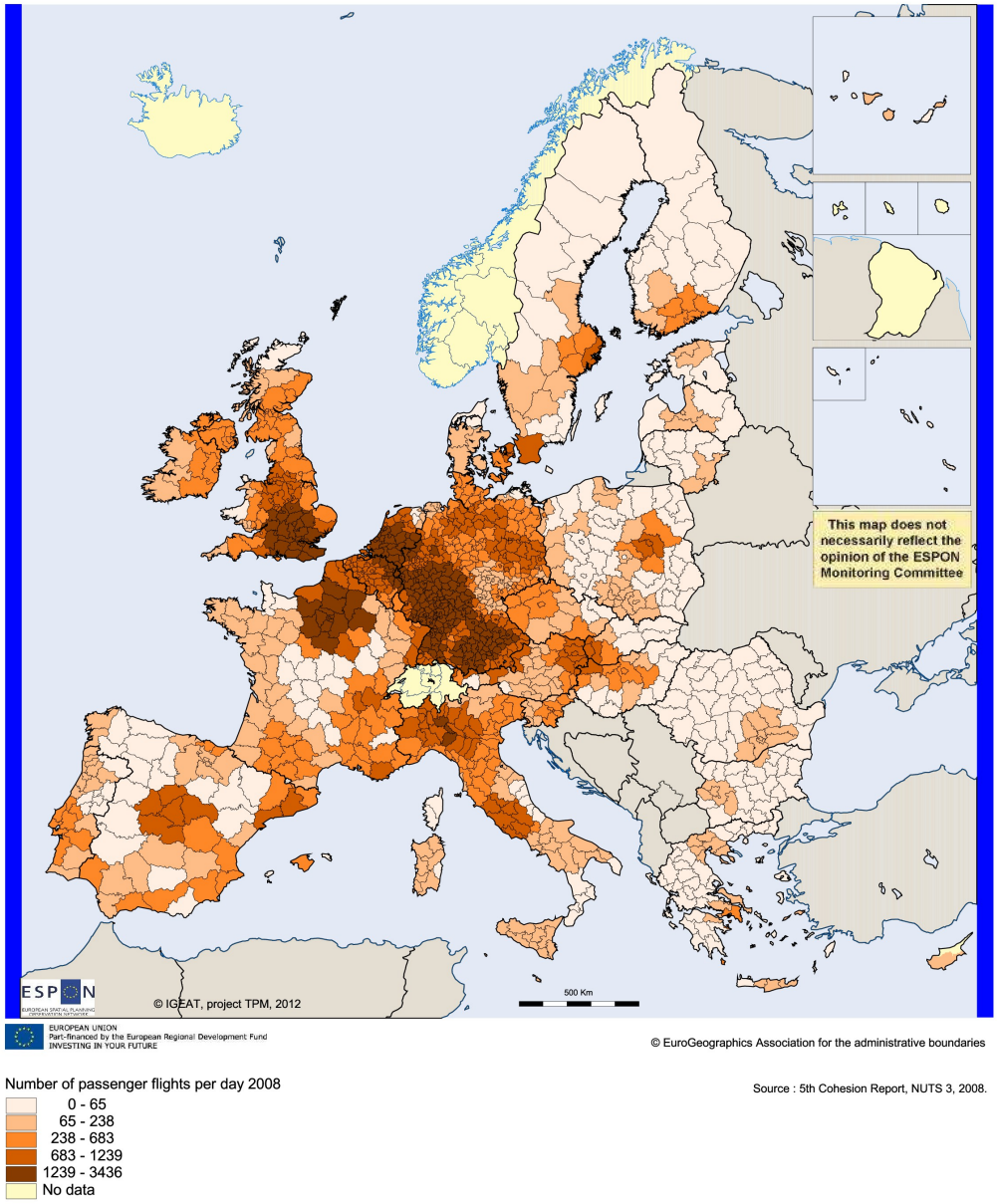
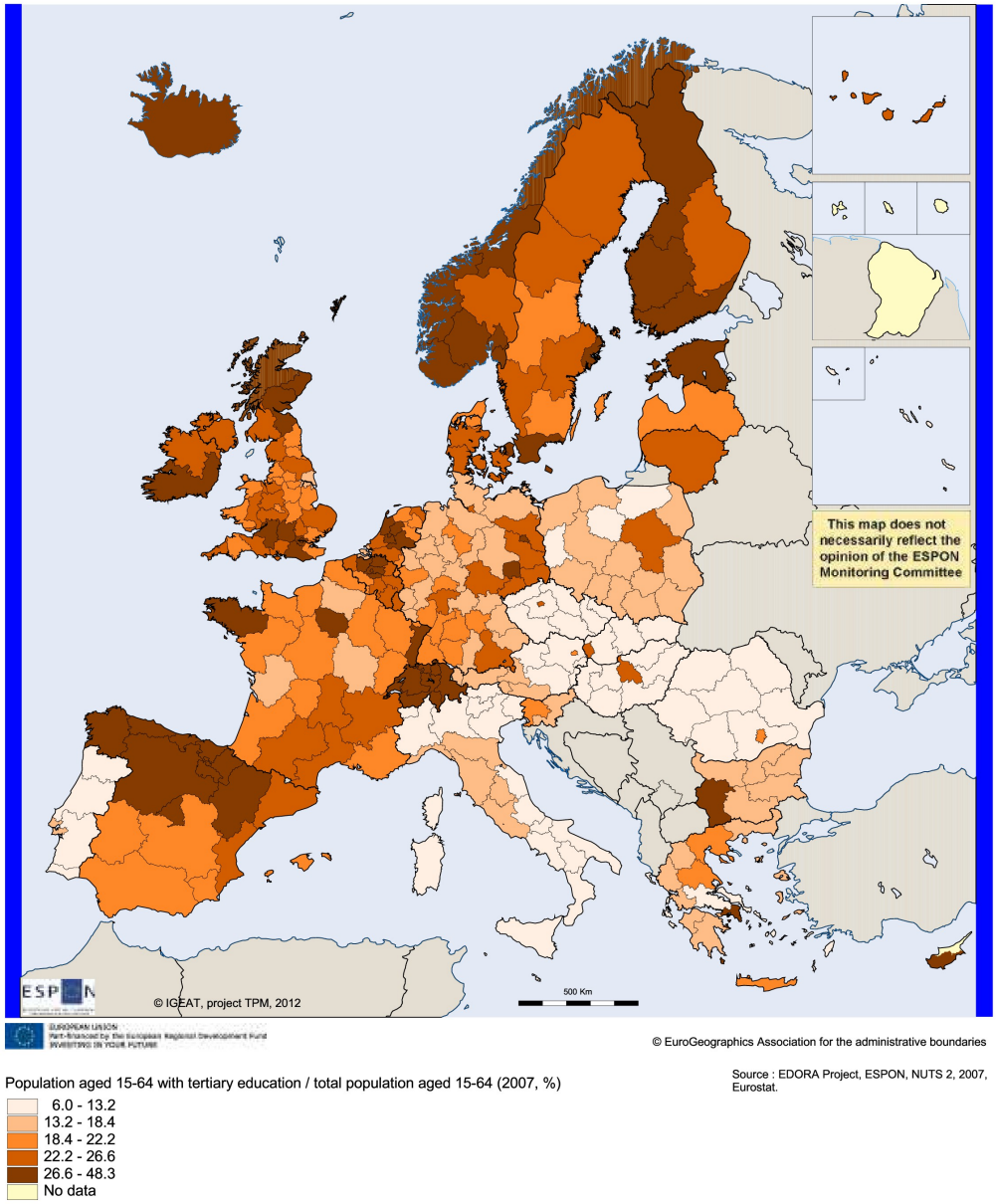


Map 2.14 : Accessibility to passenger flights

Tertiary education.



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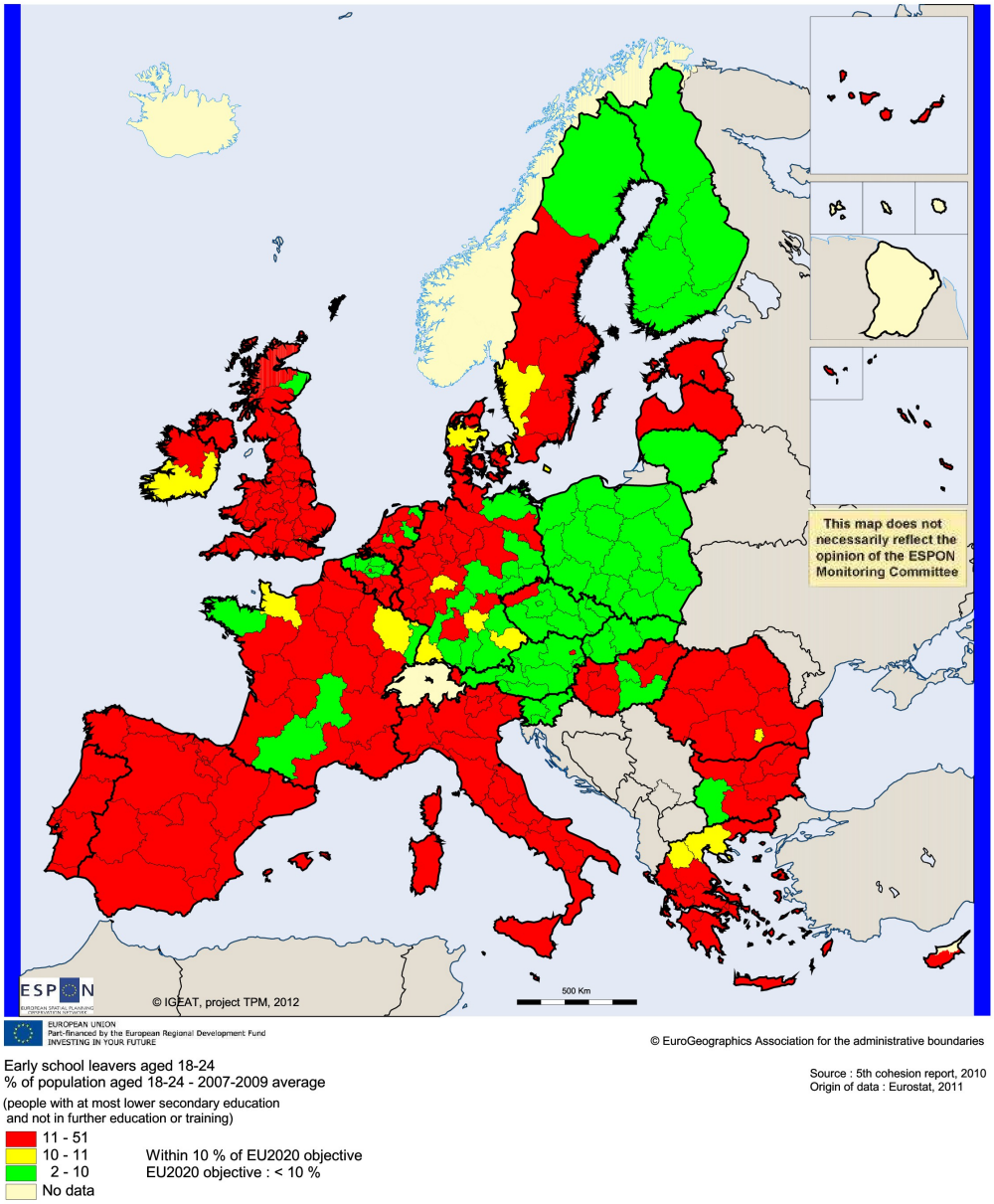

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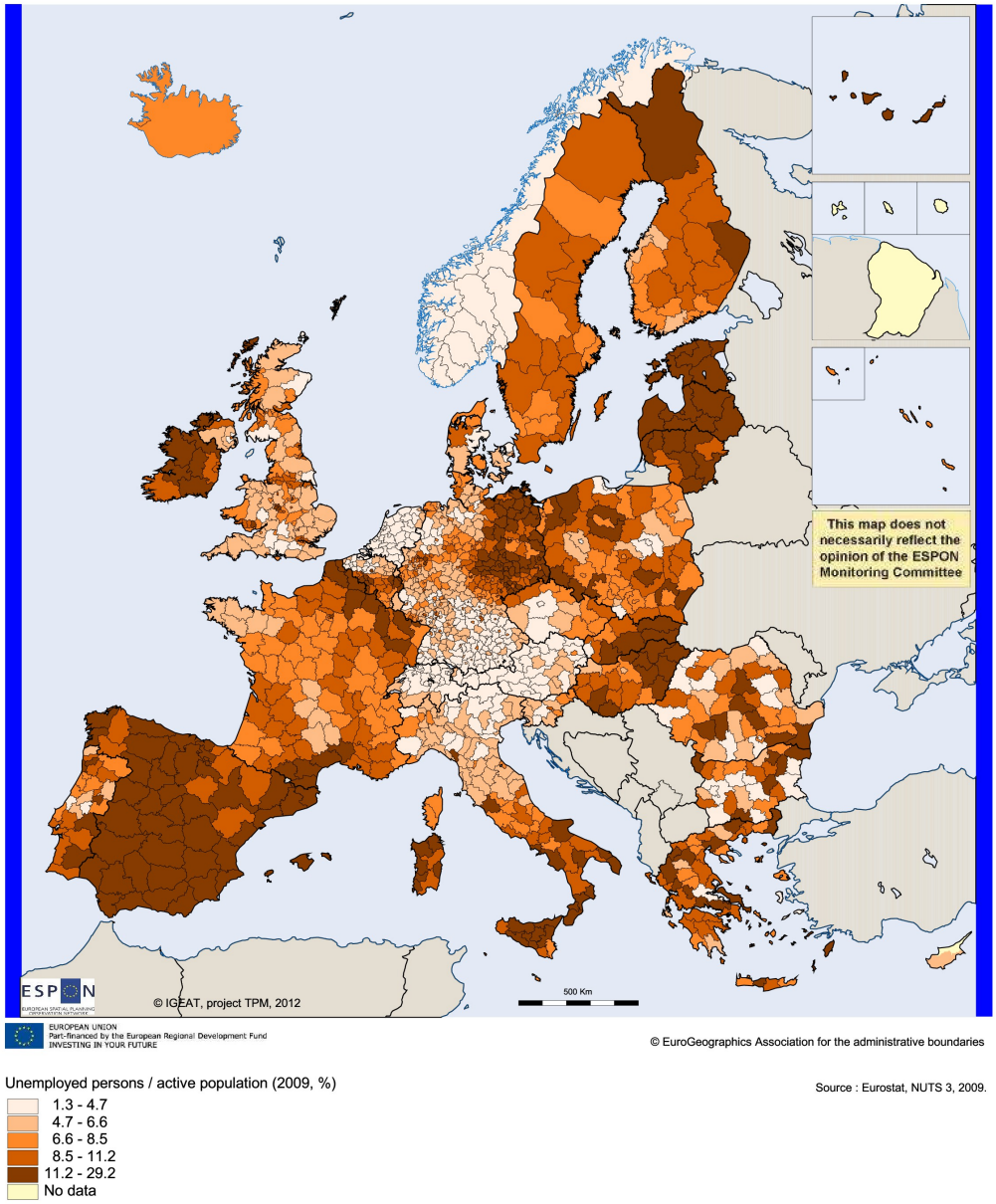

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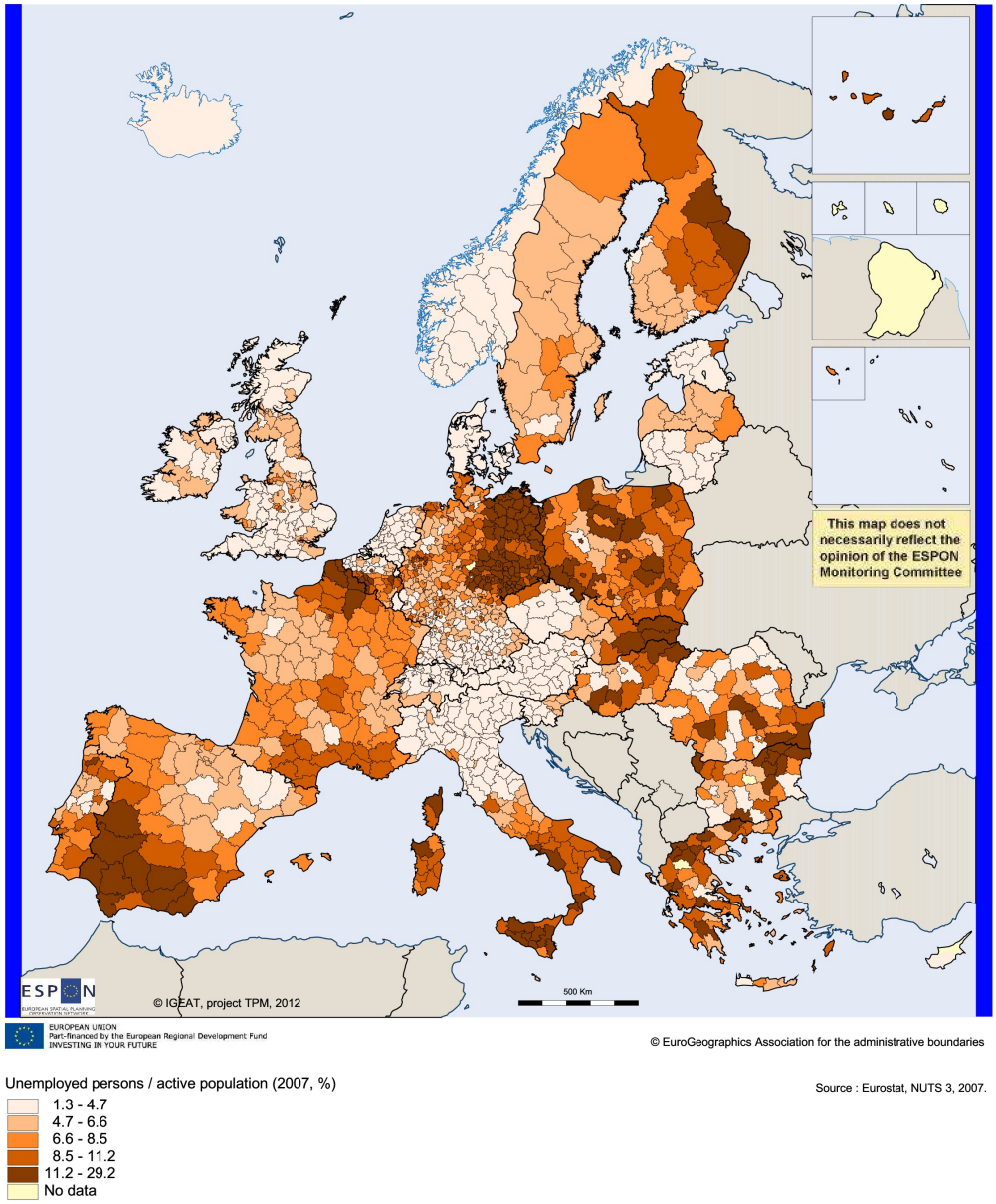
Unemployment rate.



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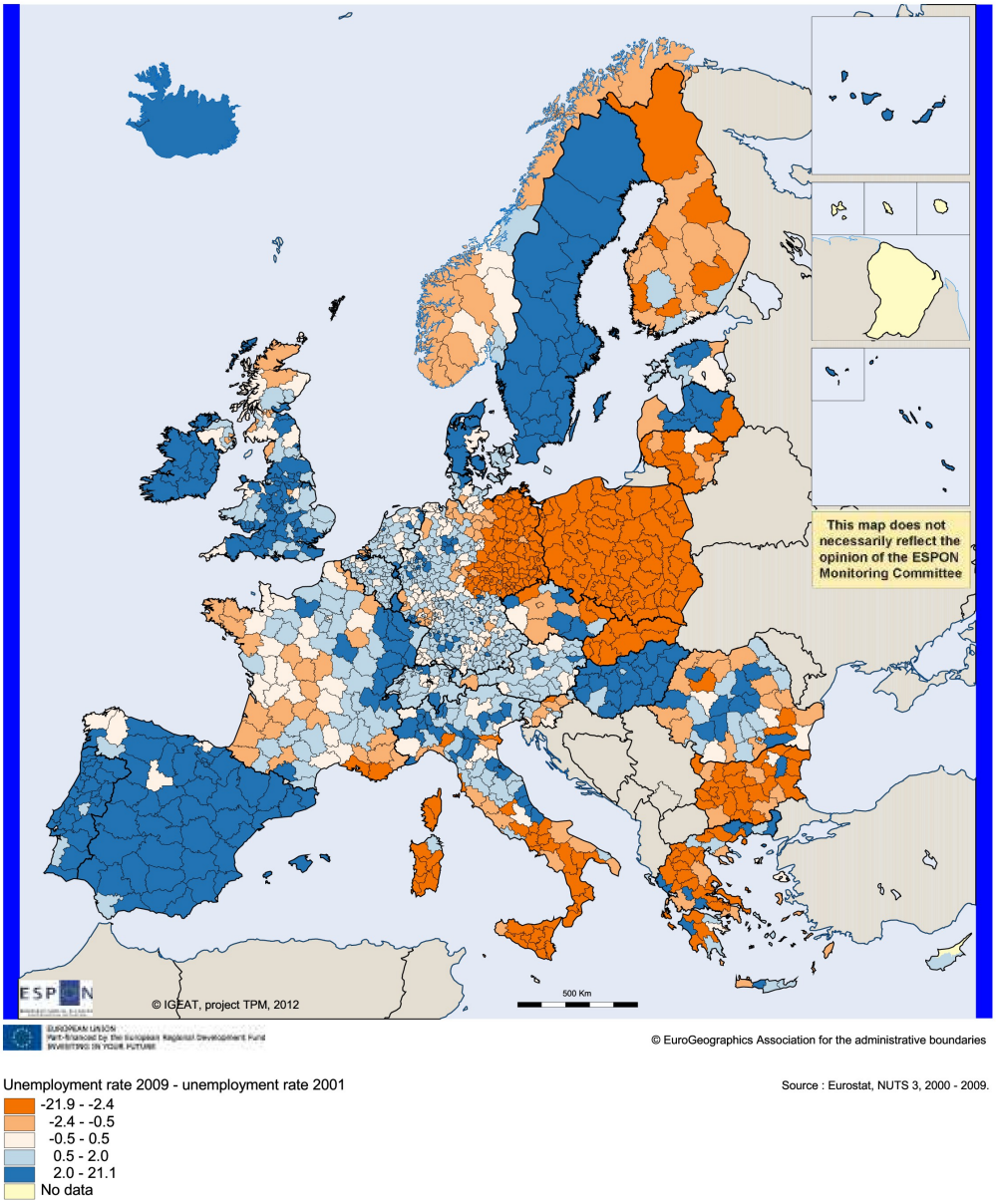

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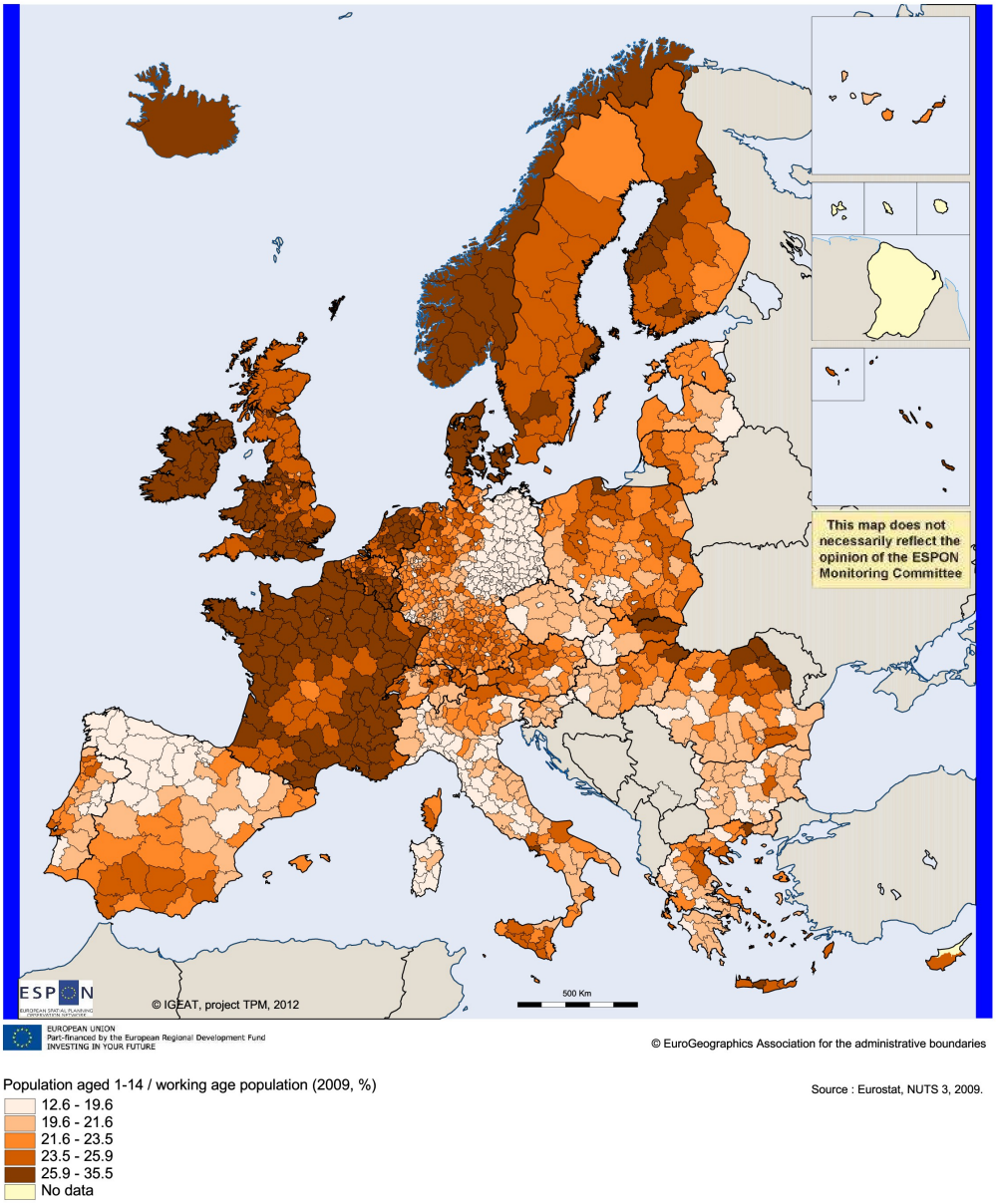

Map 3.1 : Young age dependency ratio

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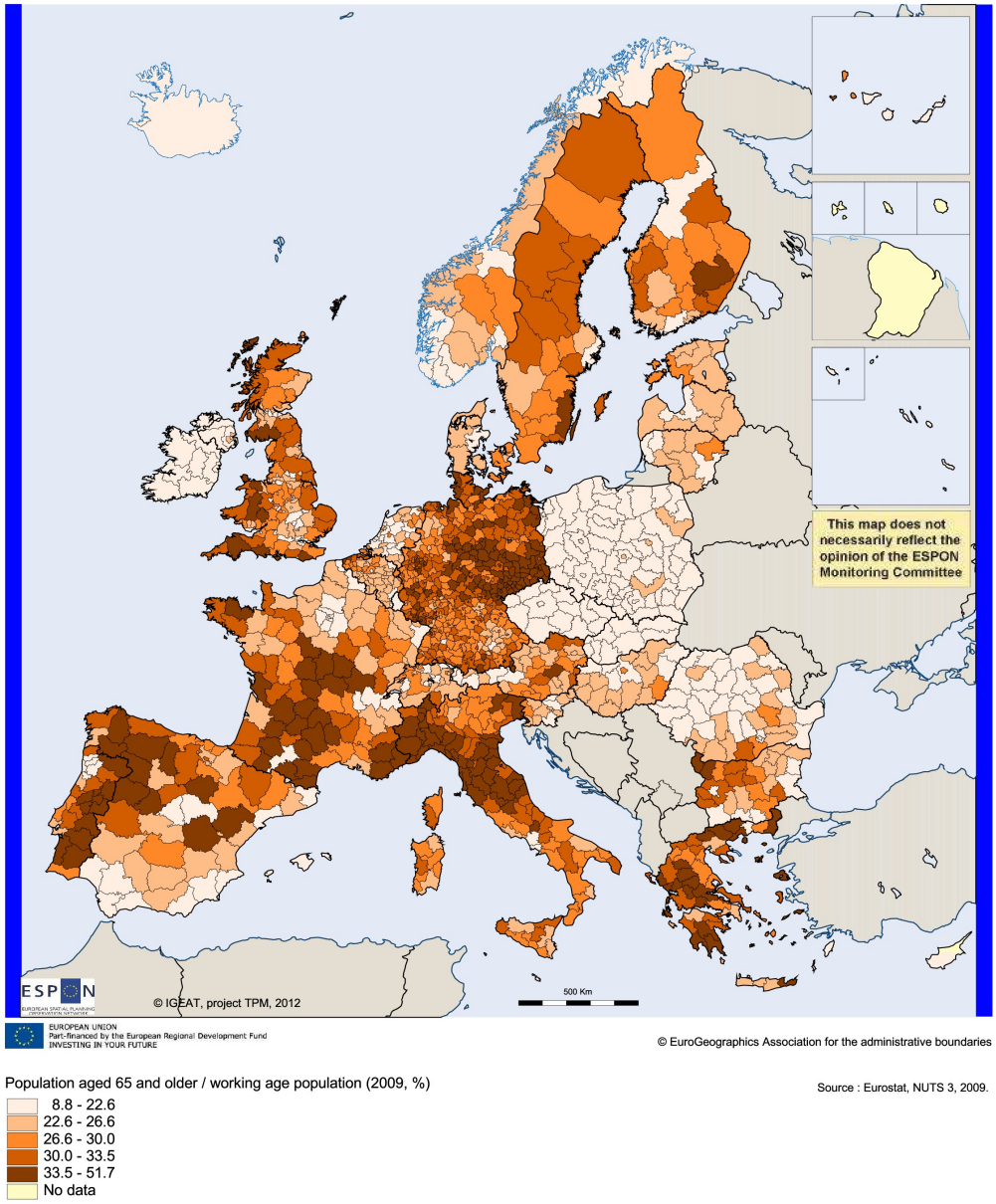

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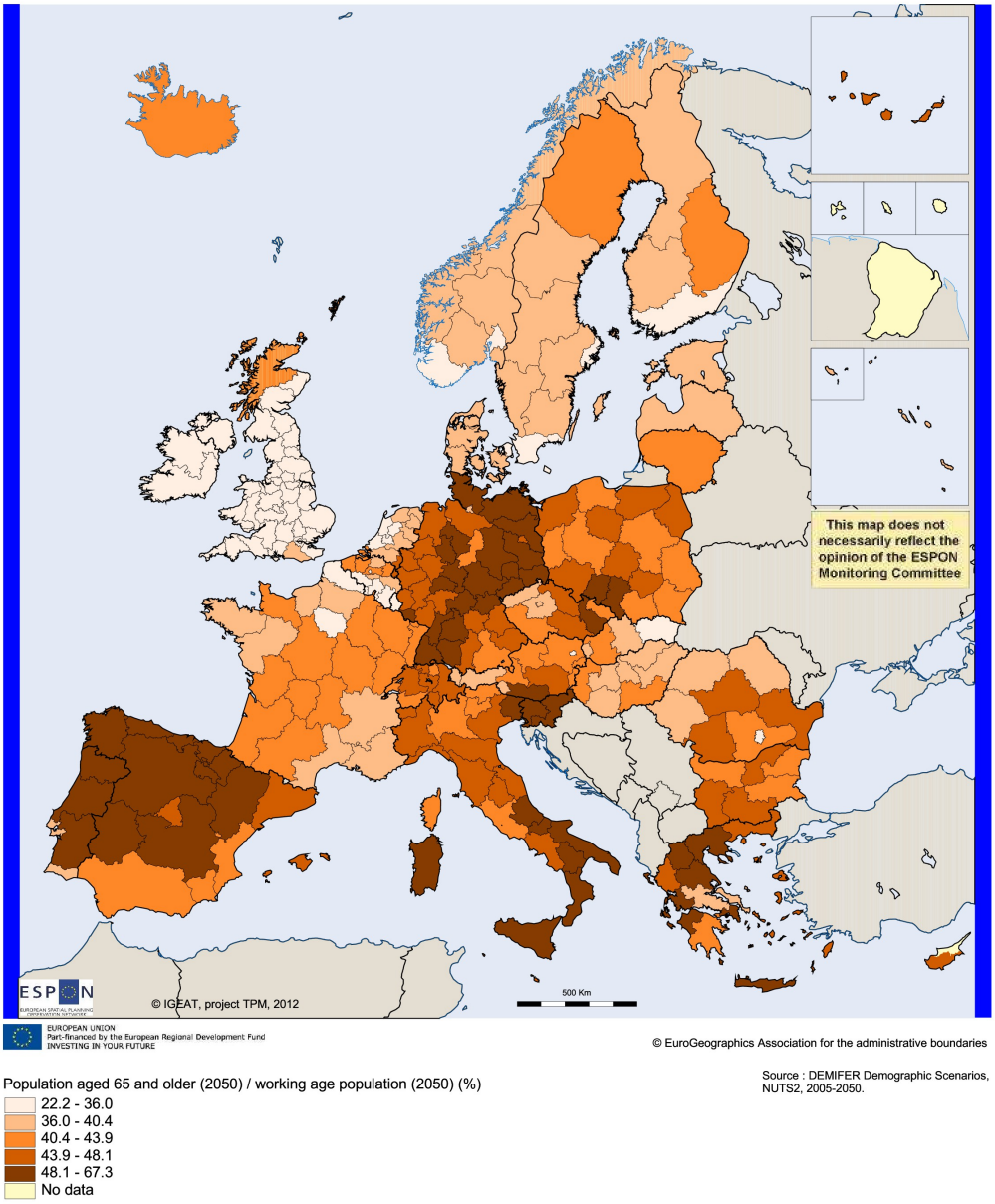
Old age dependency ratio in 2050.



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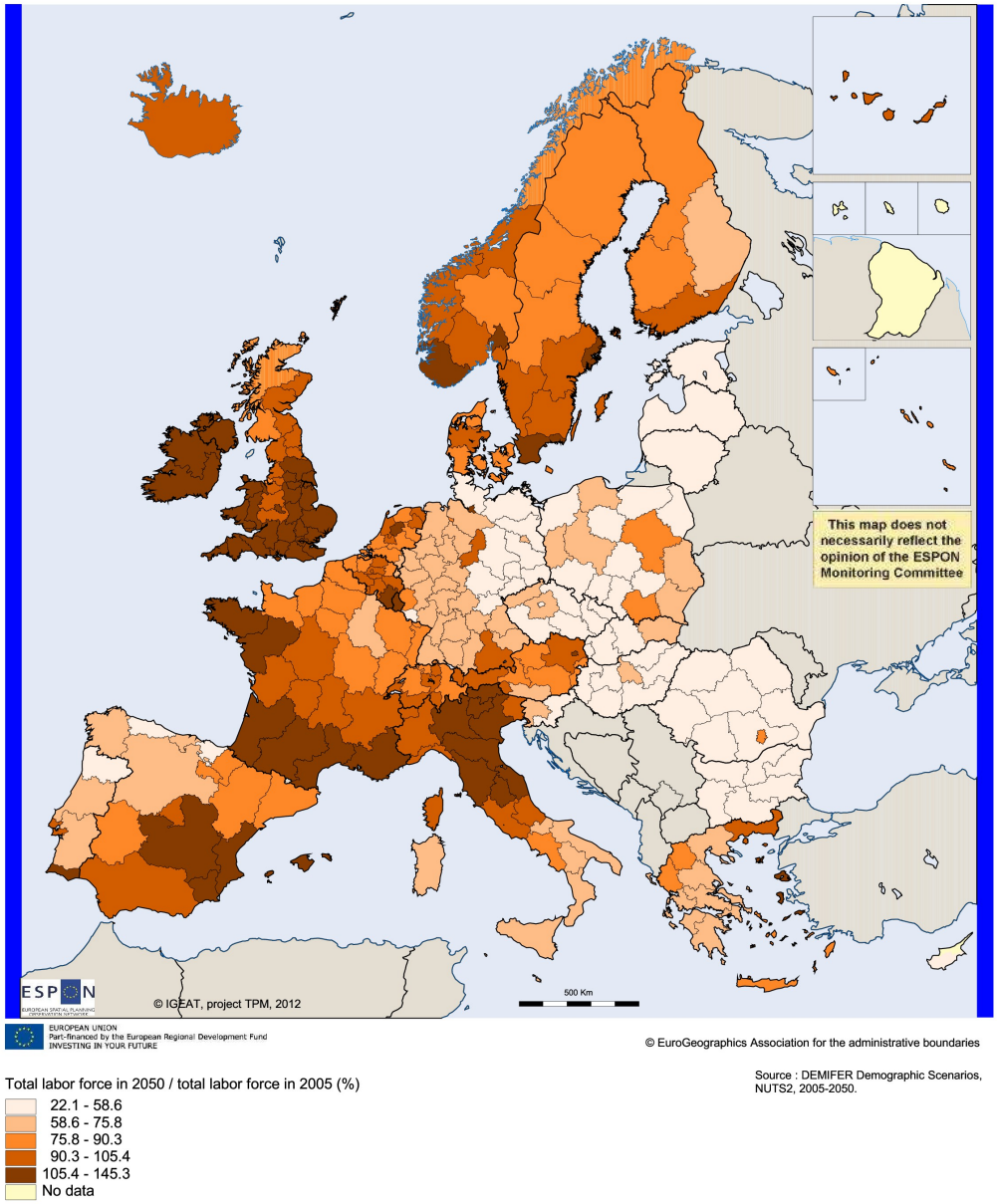

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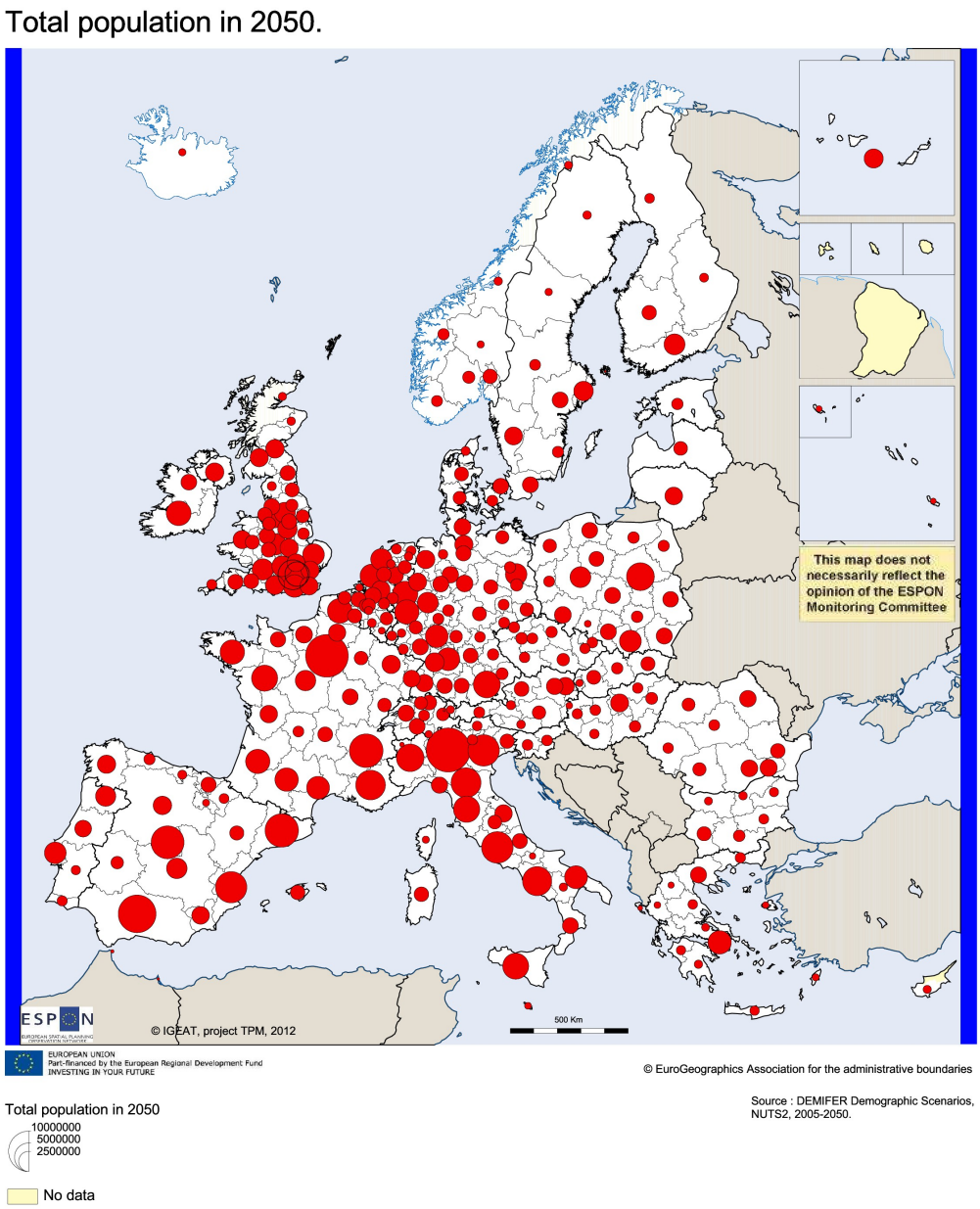

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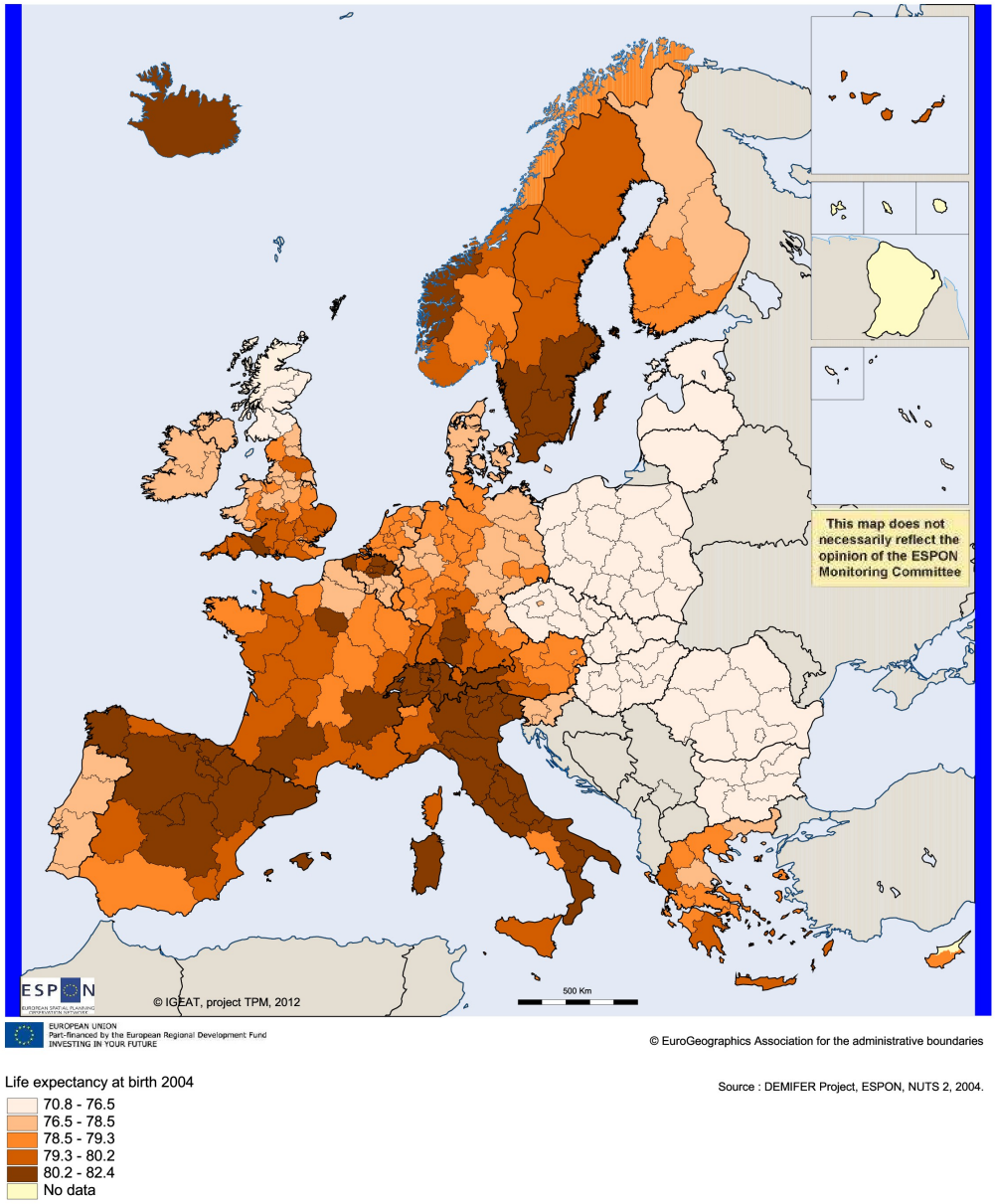

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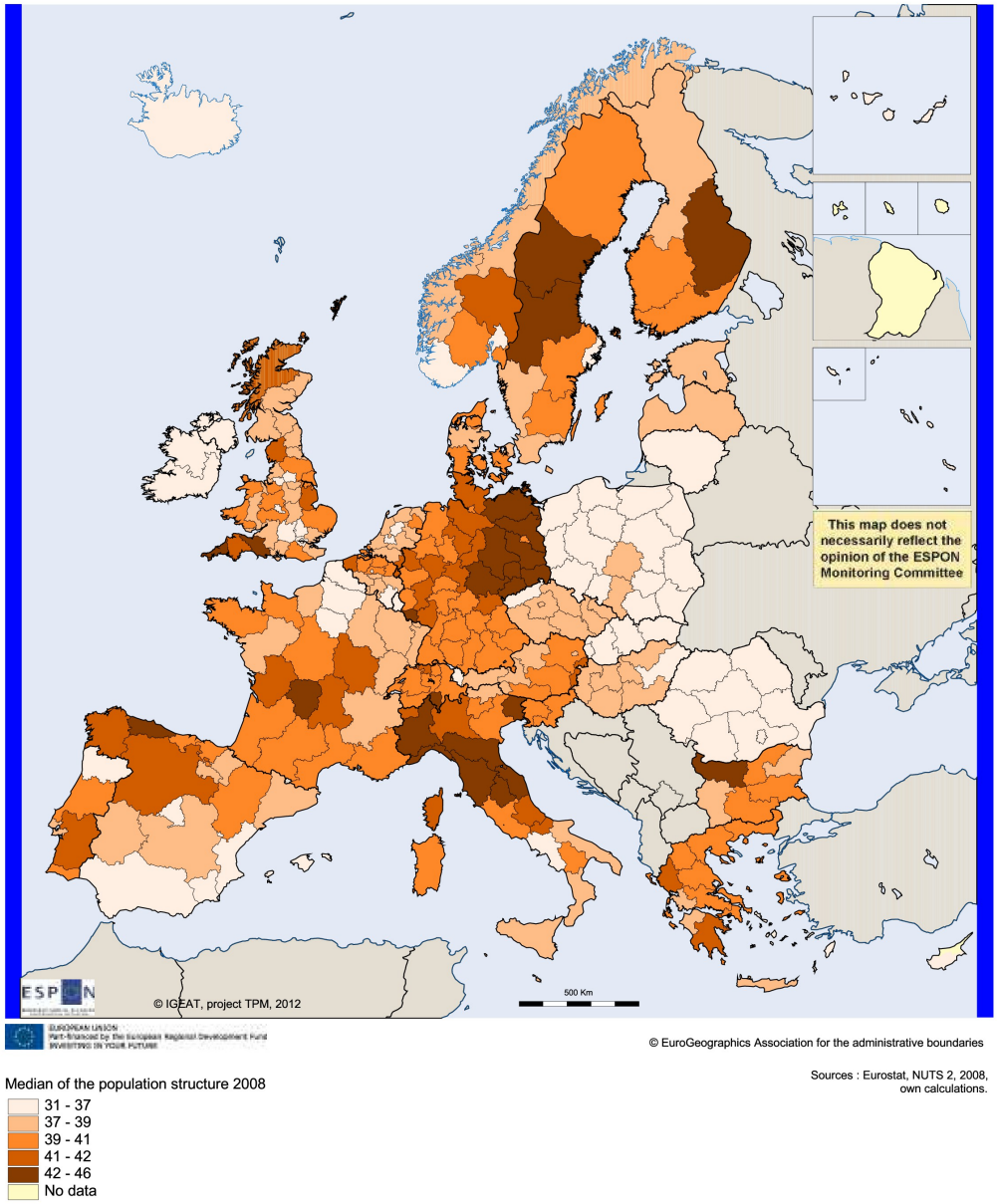

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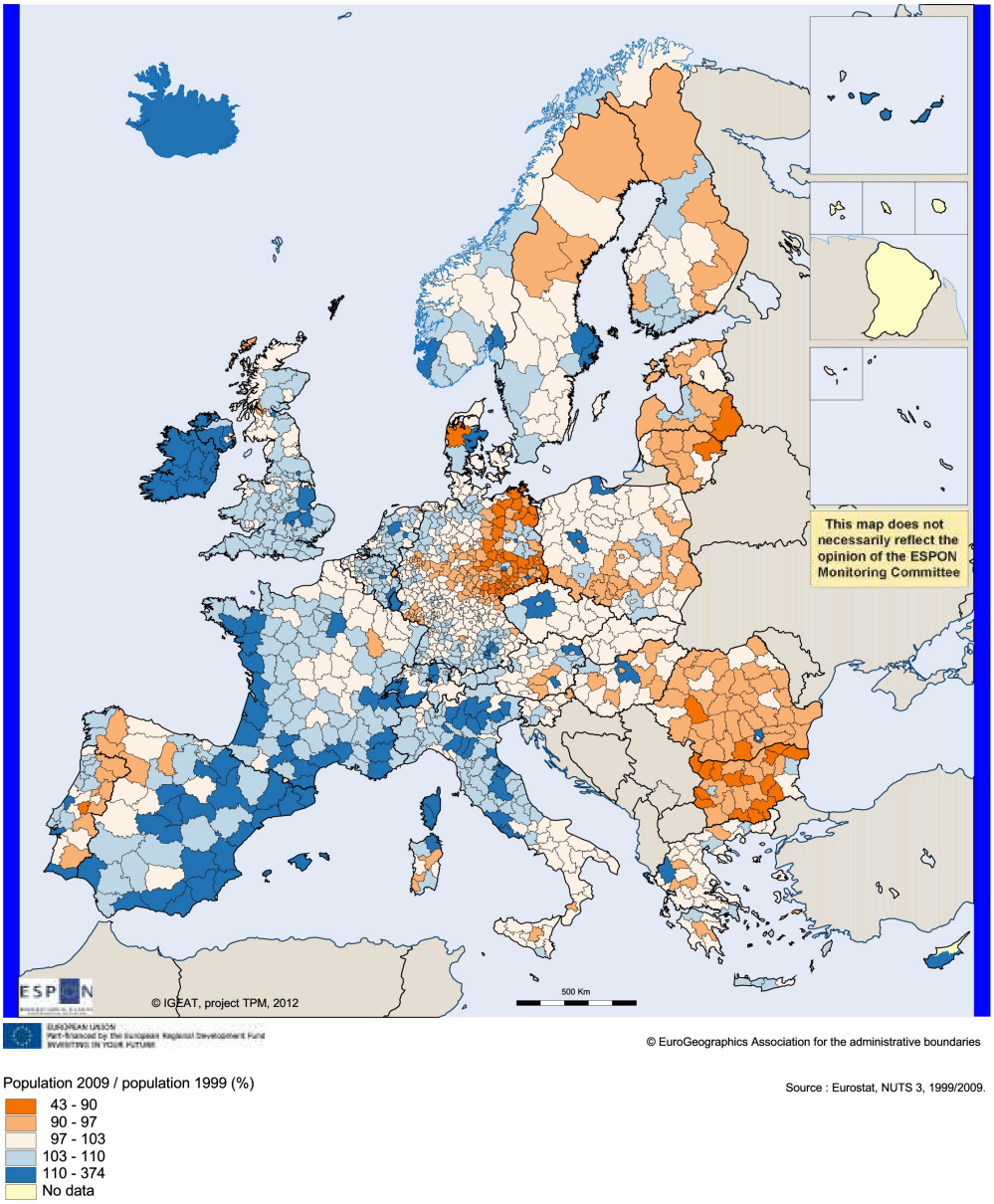

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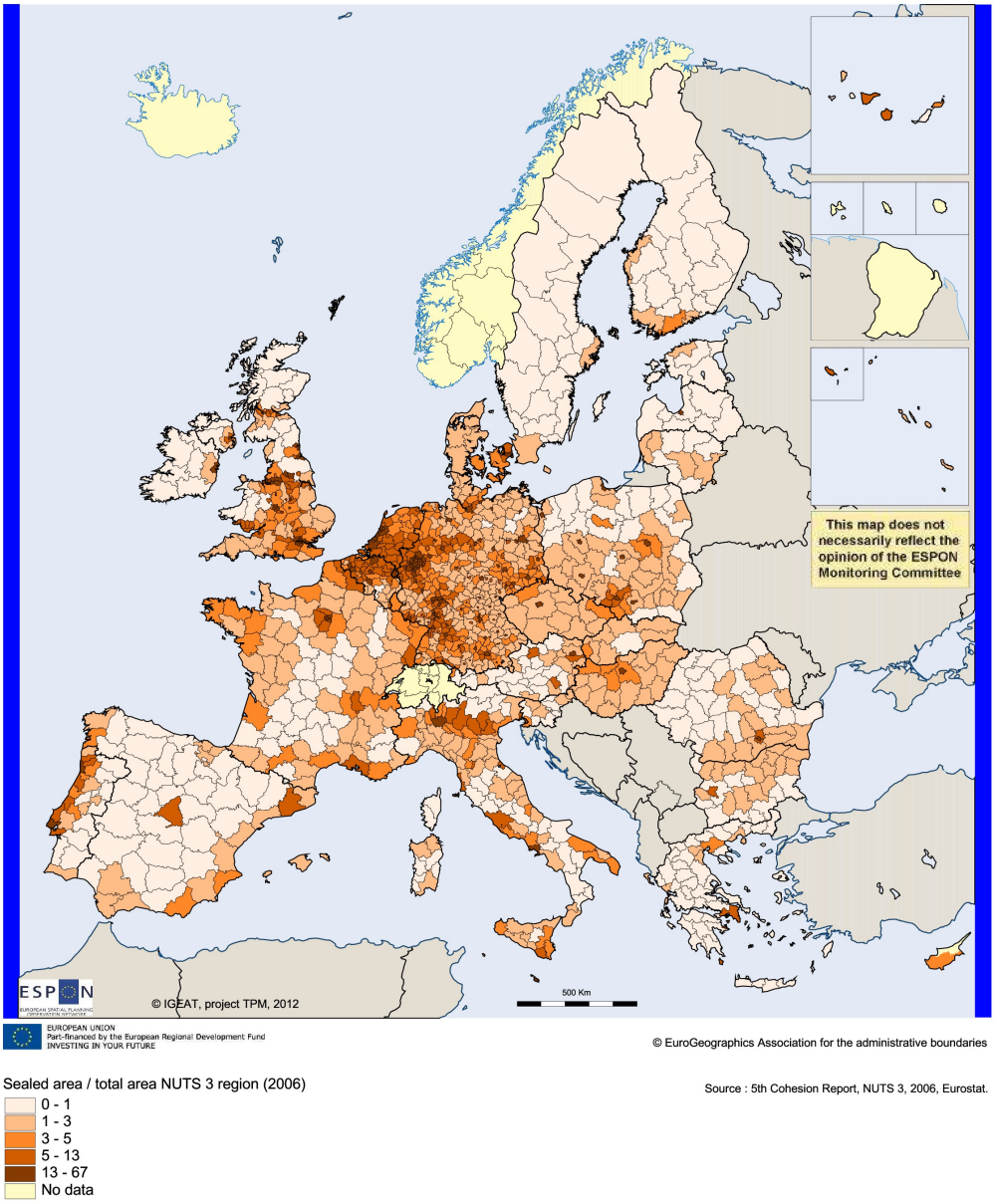
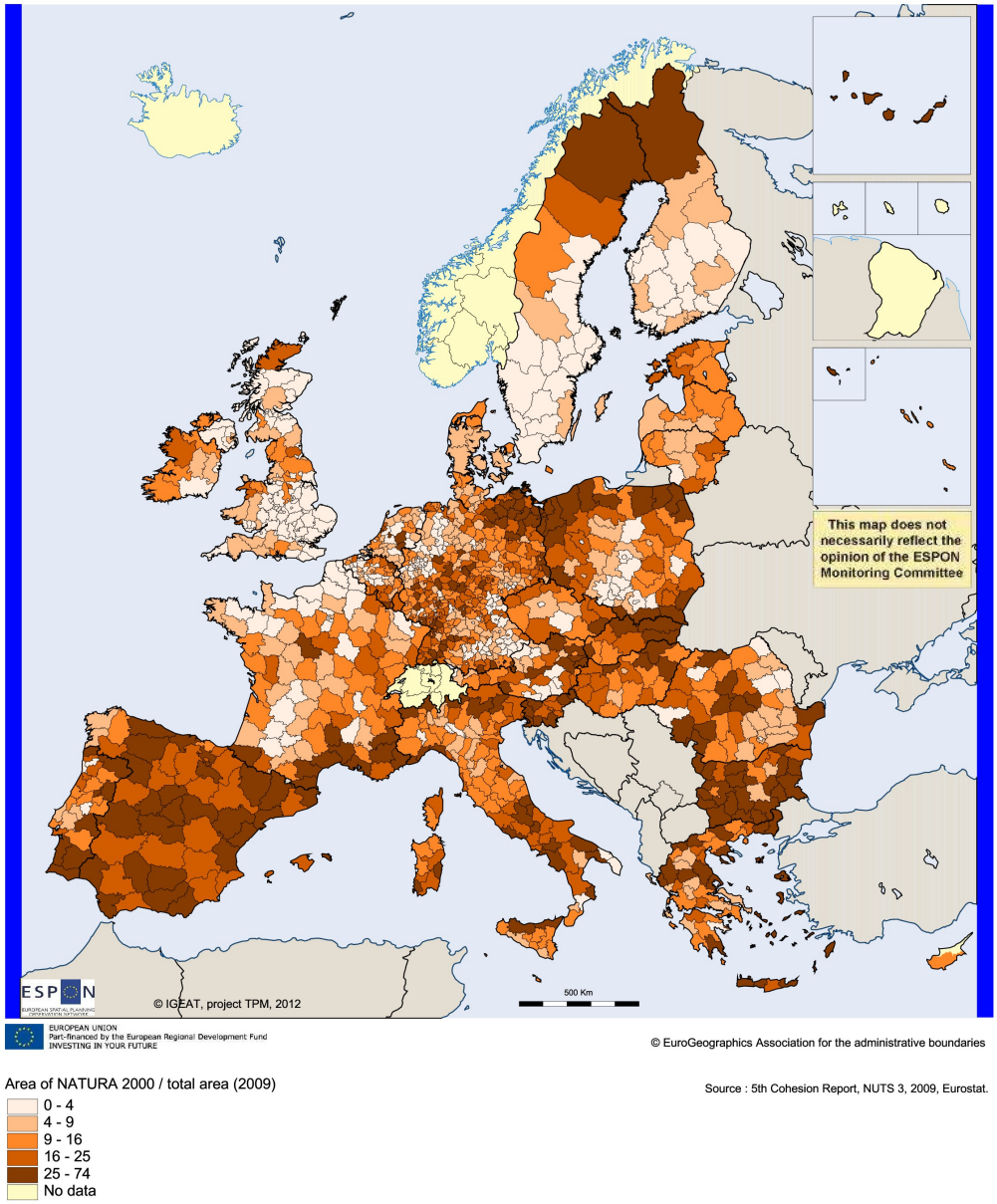


Map 4.1 : Soil sealing

NATURA 2000 areas.



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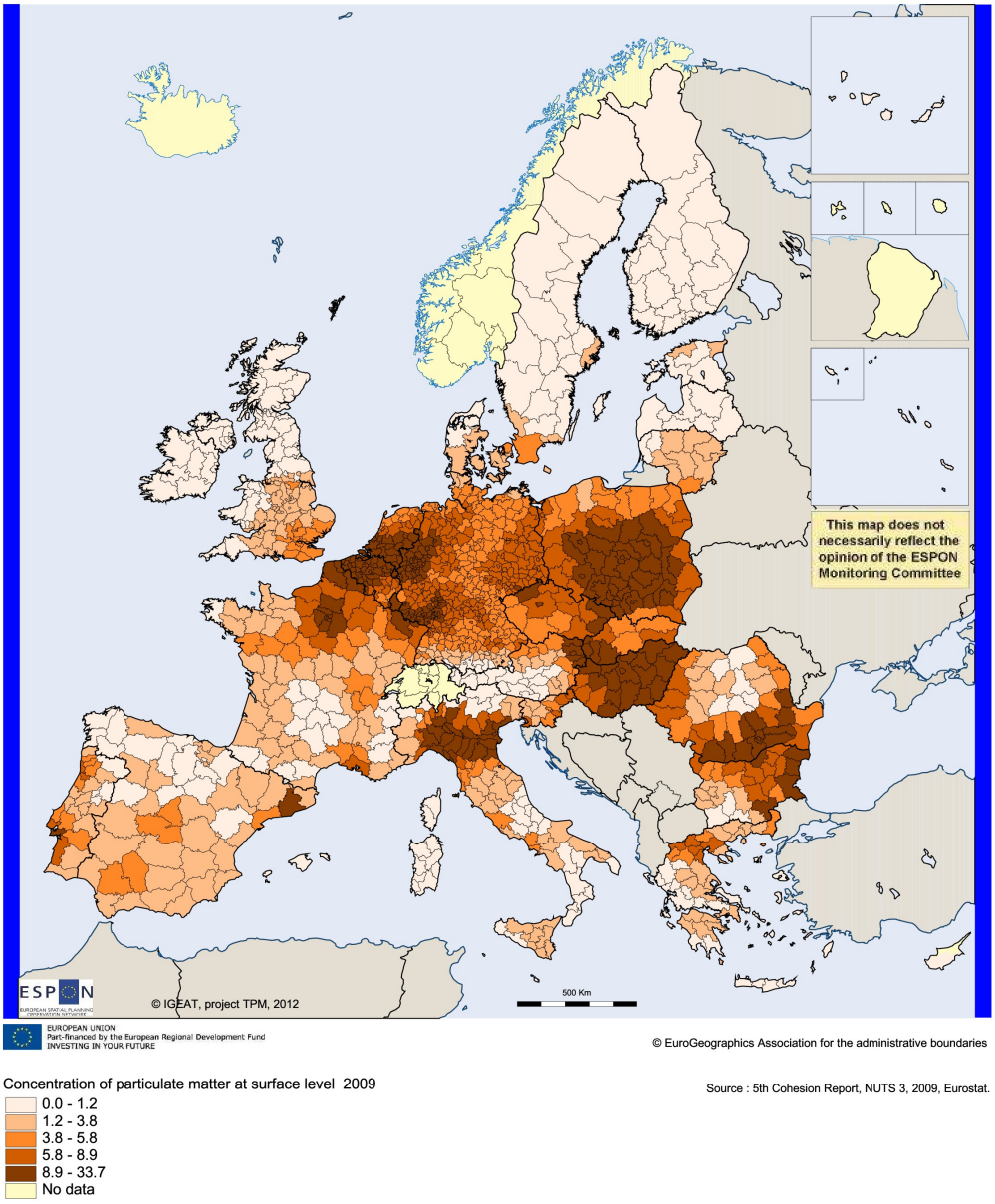
Concentration of particulate matter at surface level.



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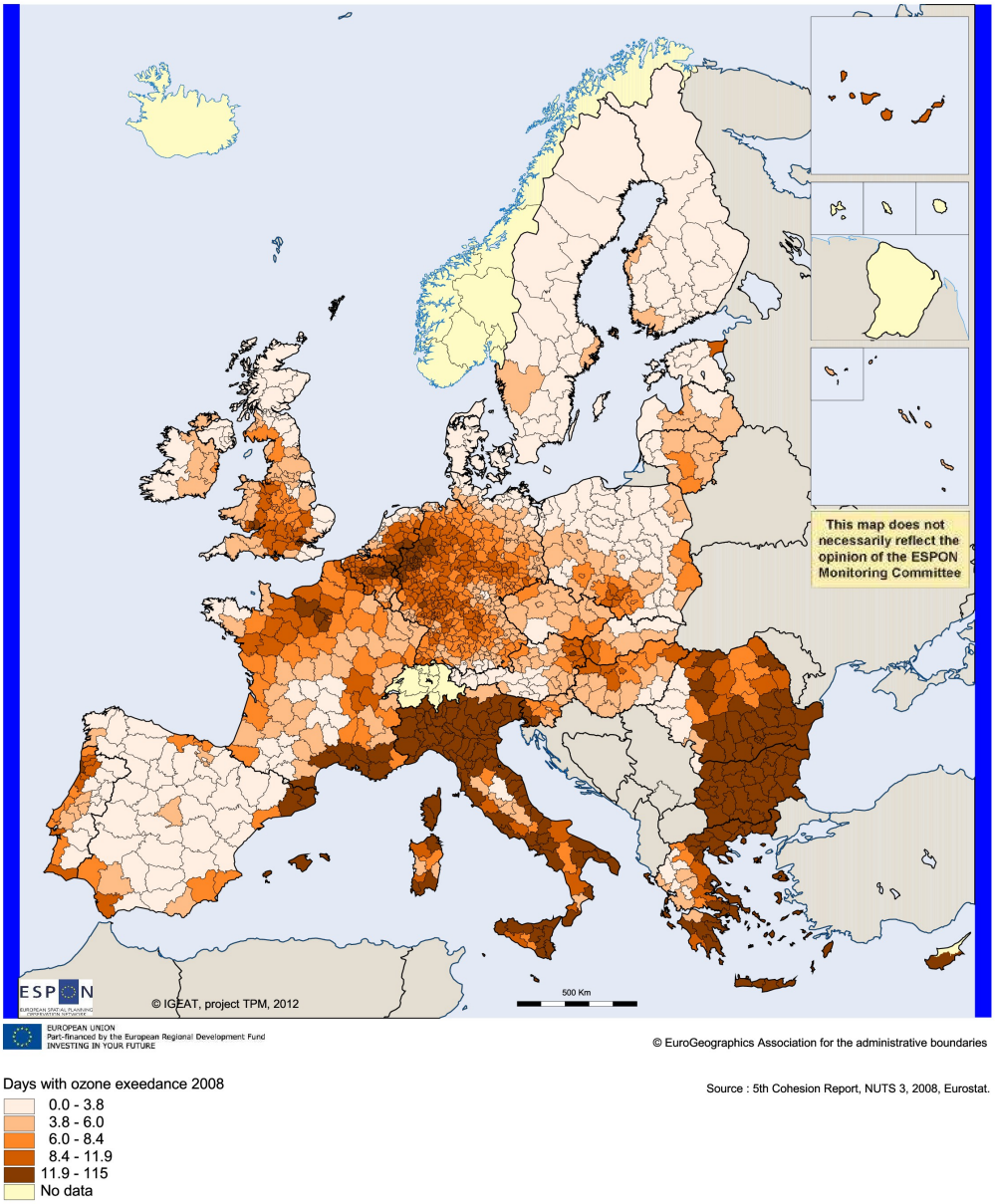

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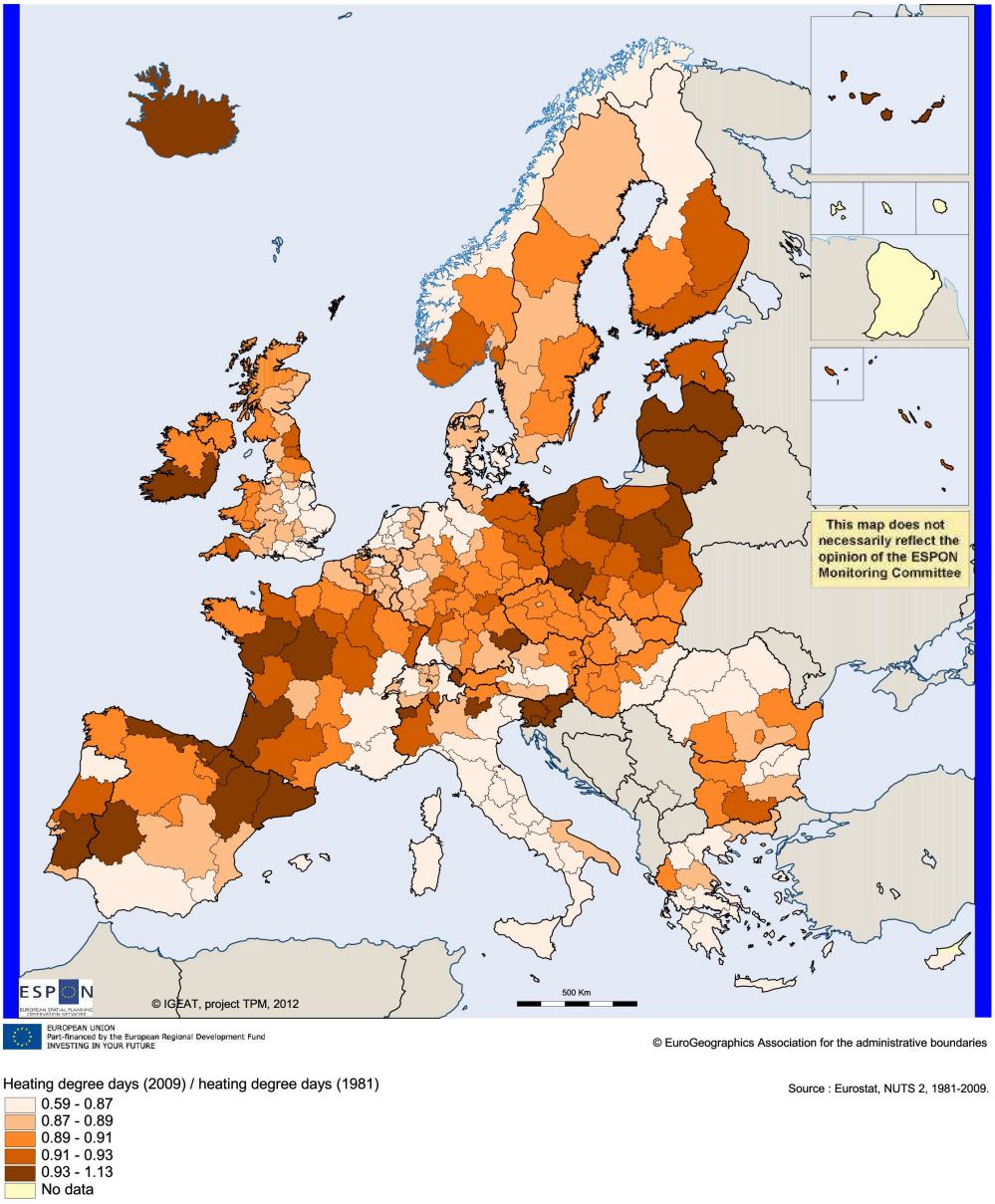
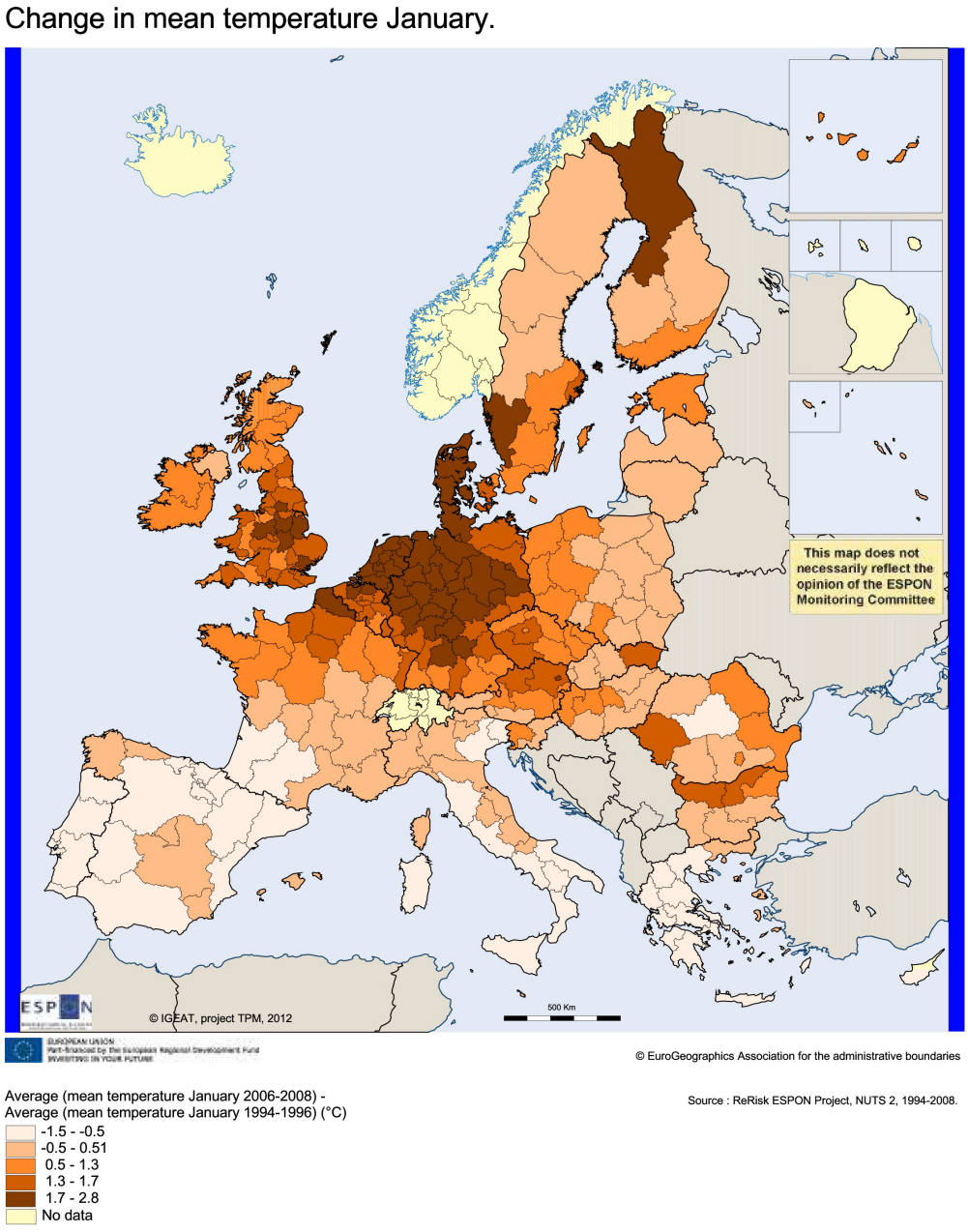
Potential energy consumption for heating.



Map 4.5 : Potential energy consumption for heating



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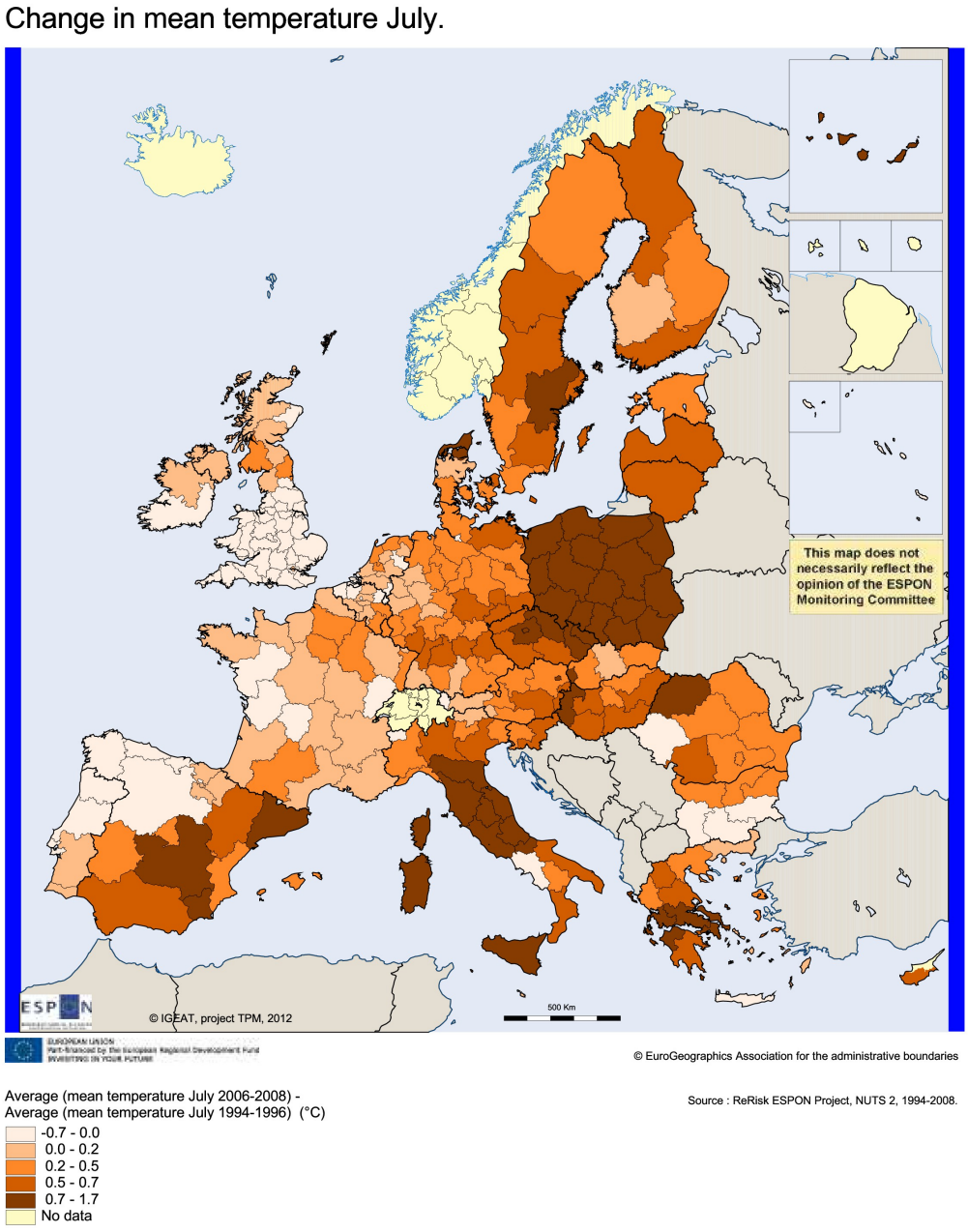

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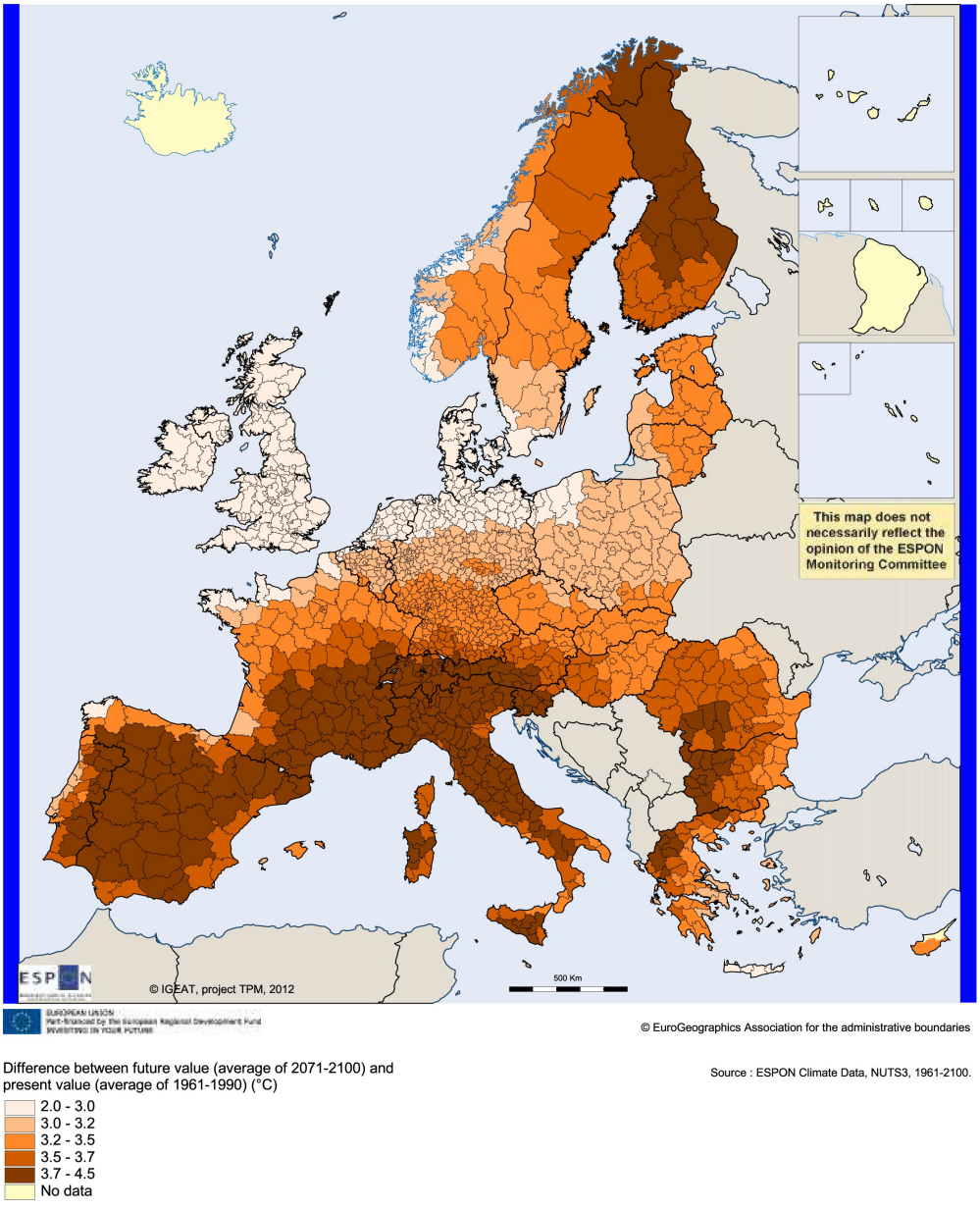

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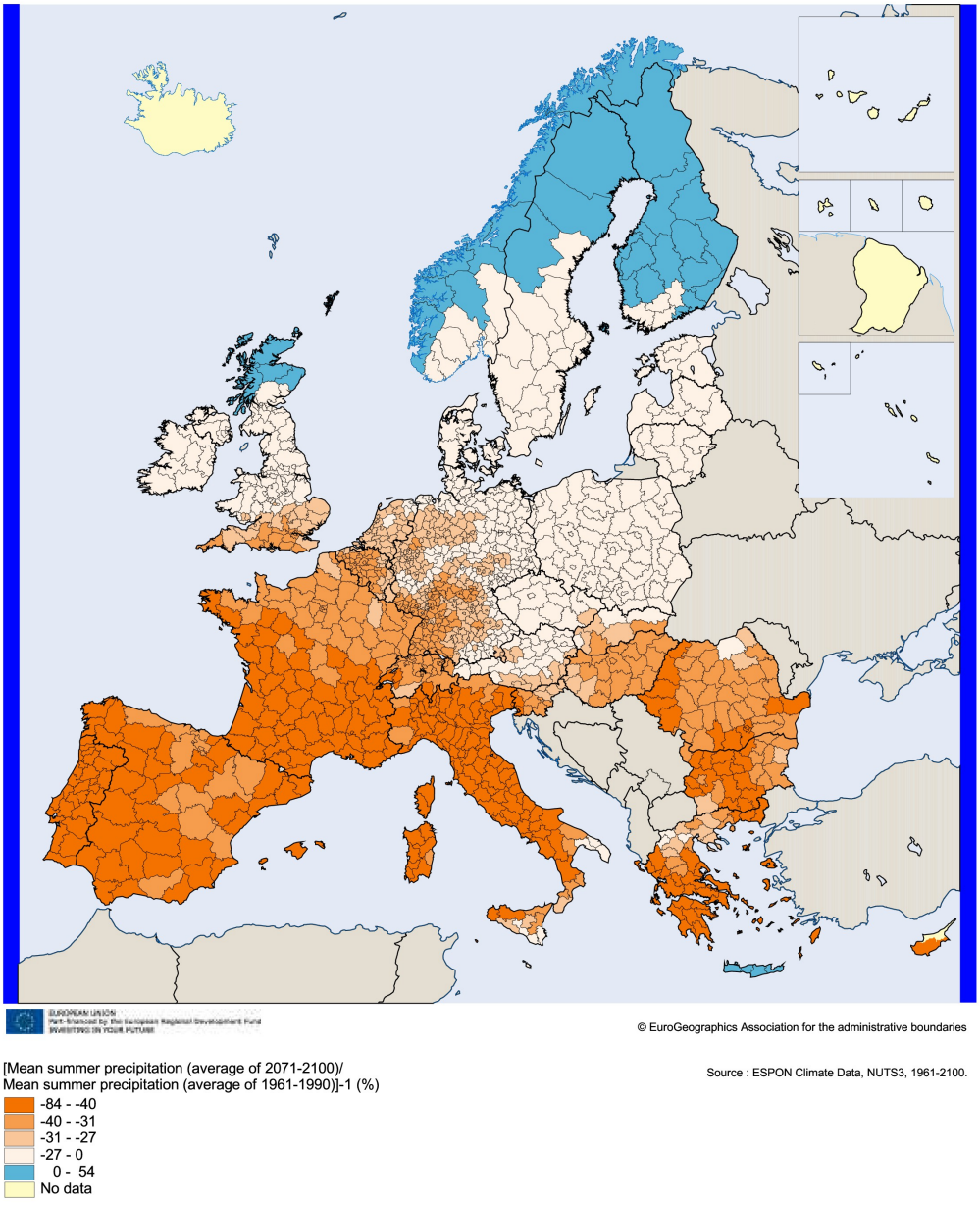

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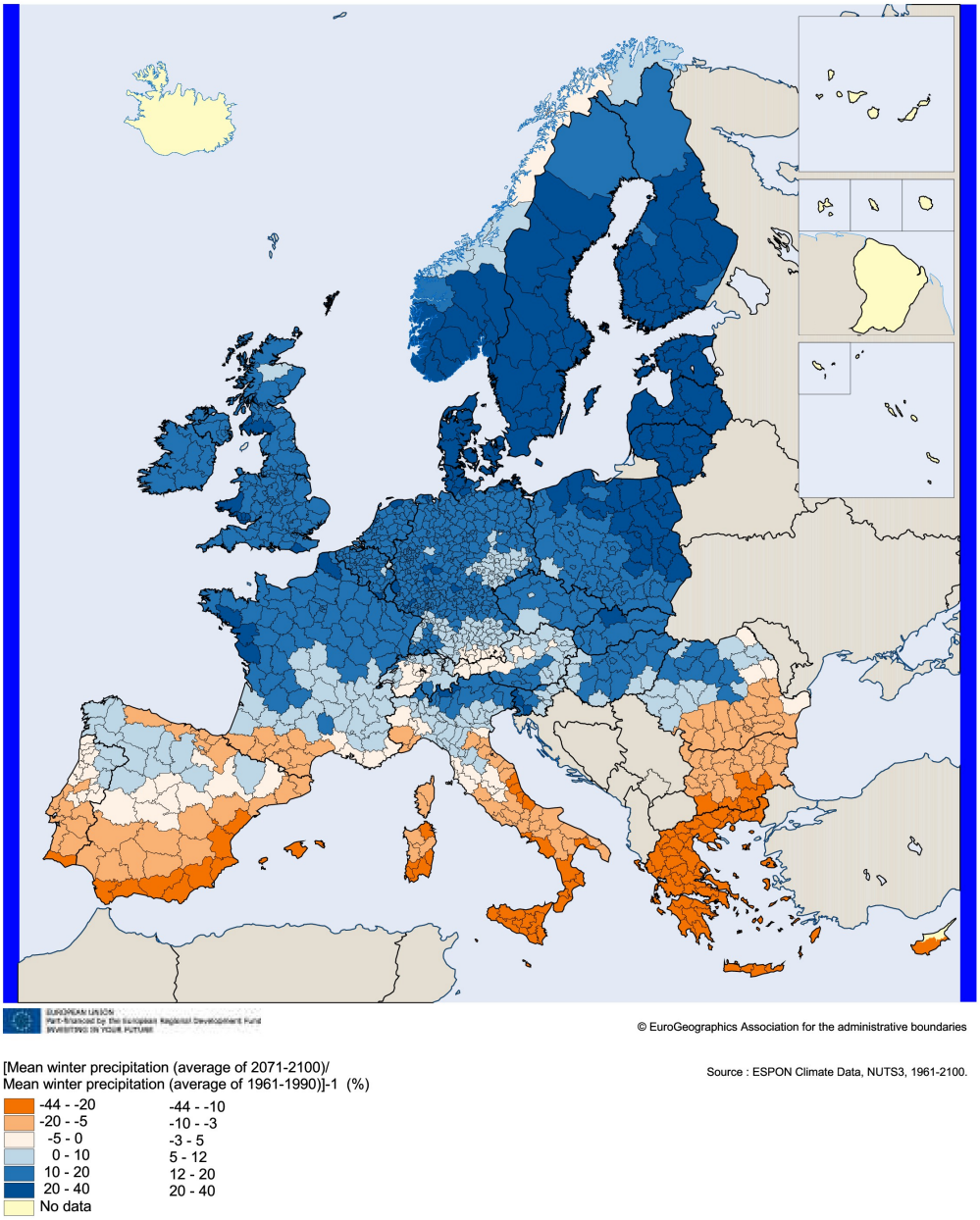

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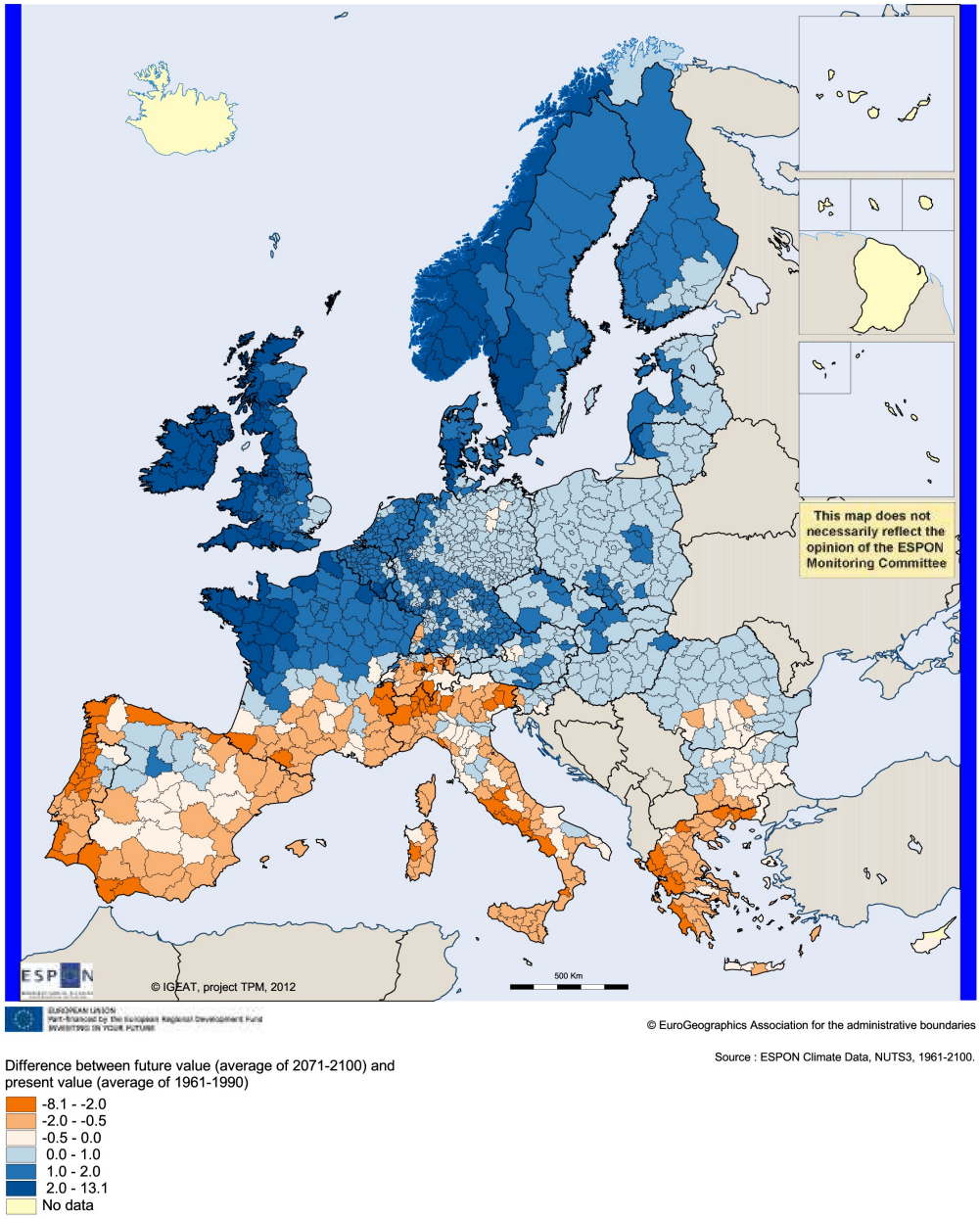

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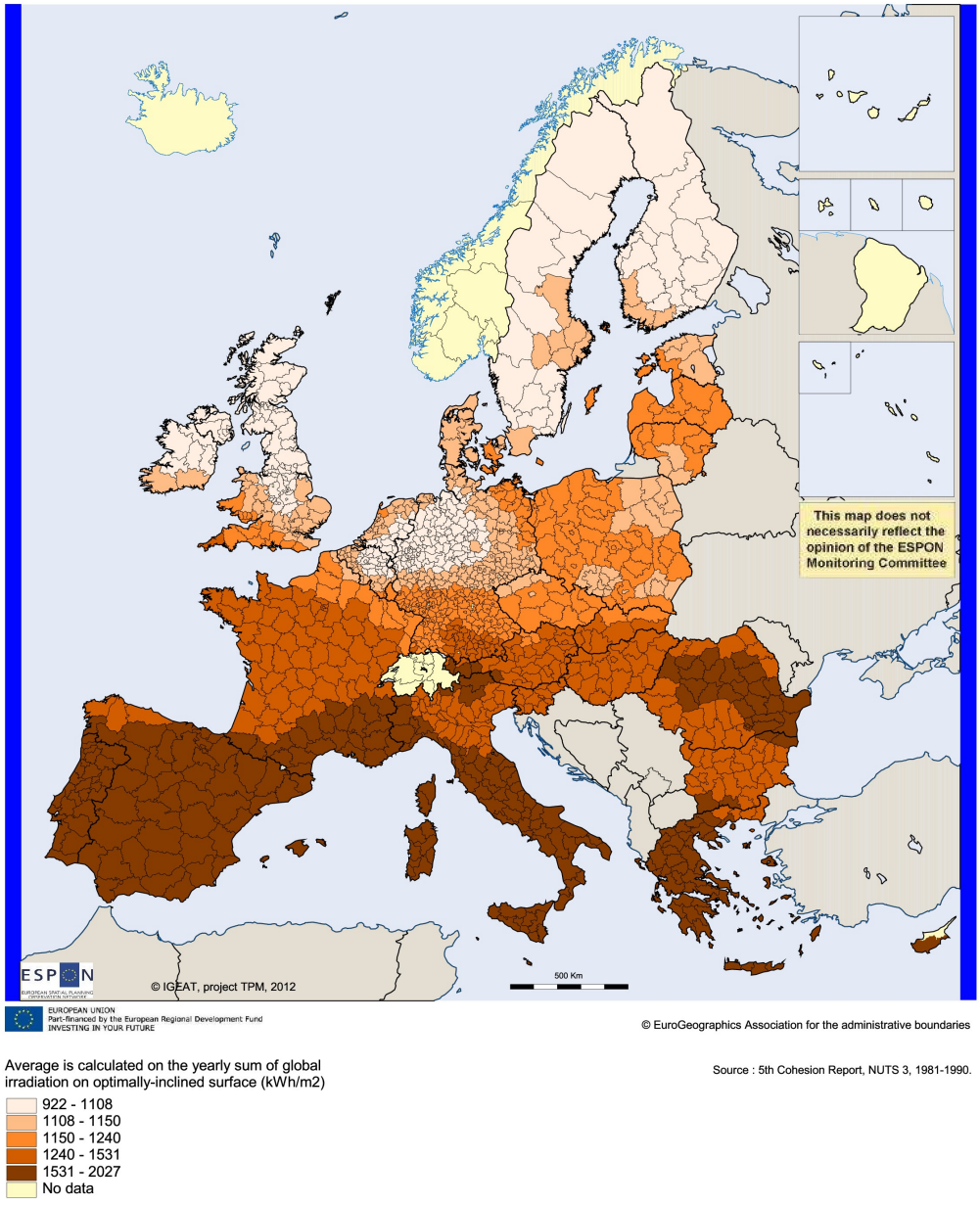
Solar energy resources.



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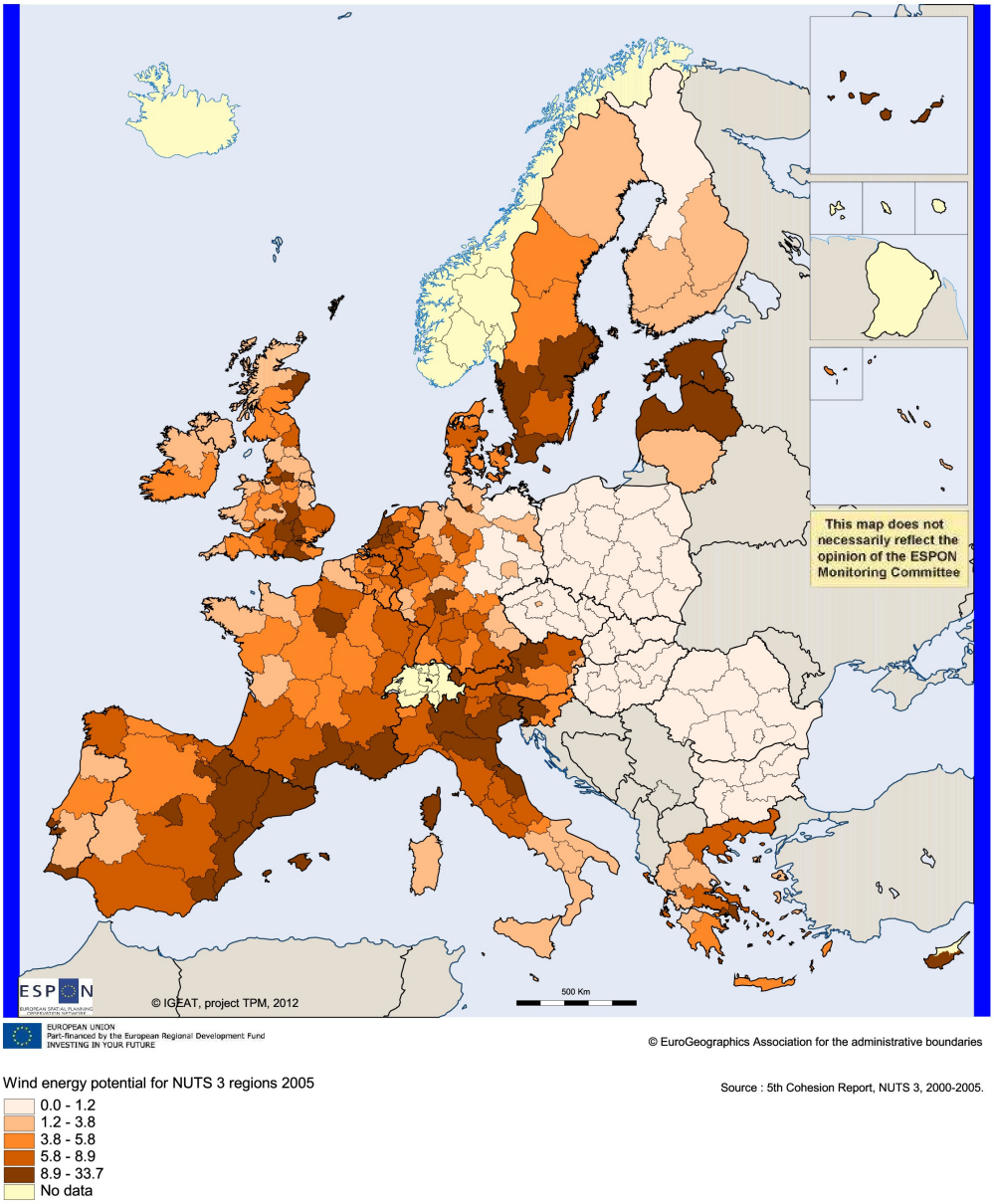
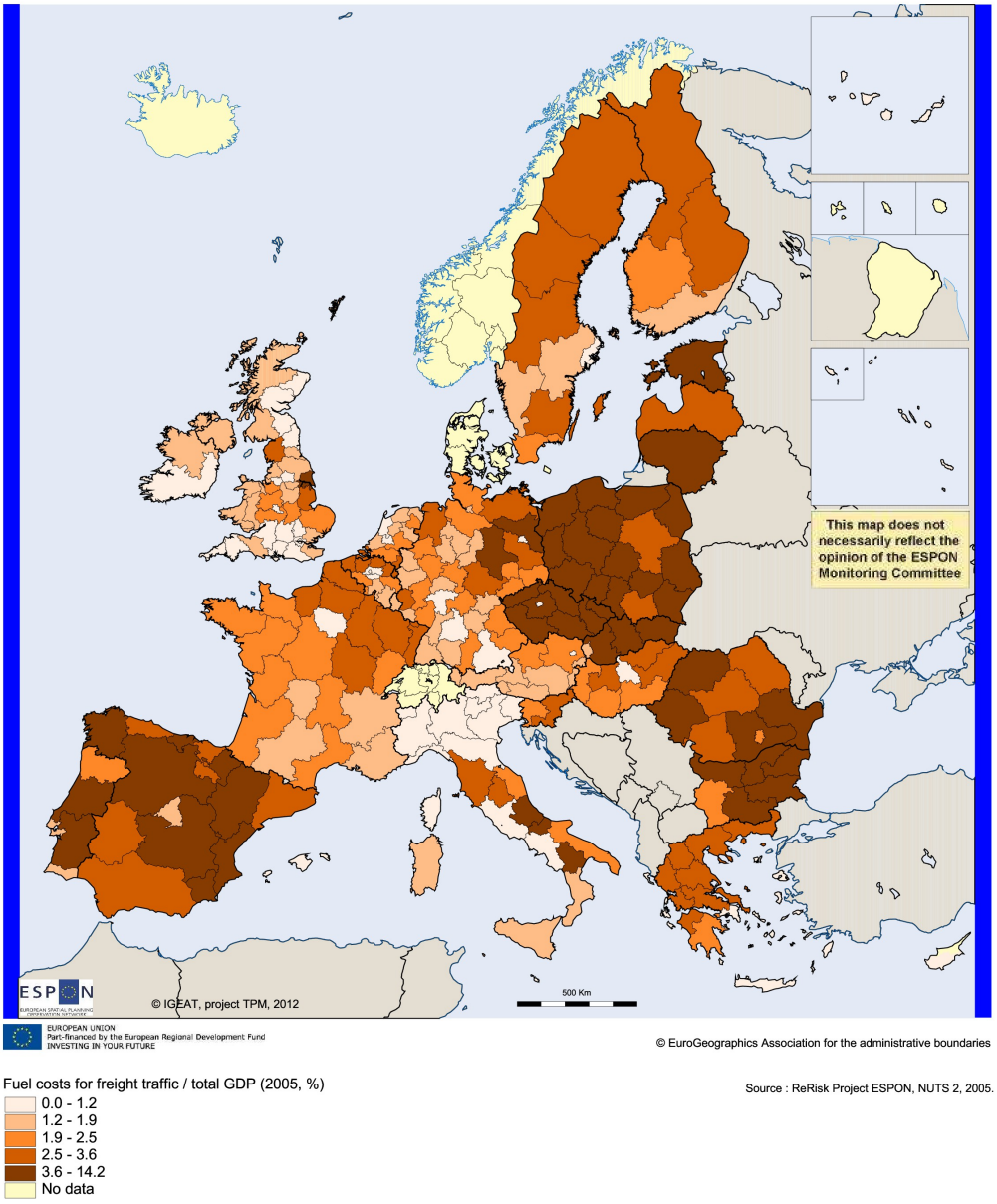
Wind energy potential.

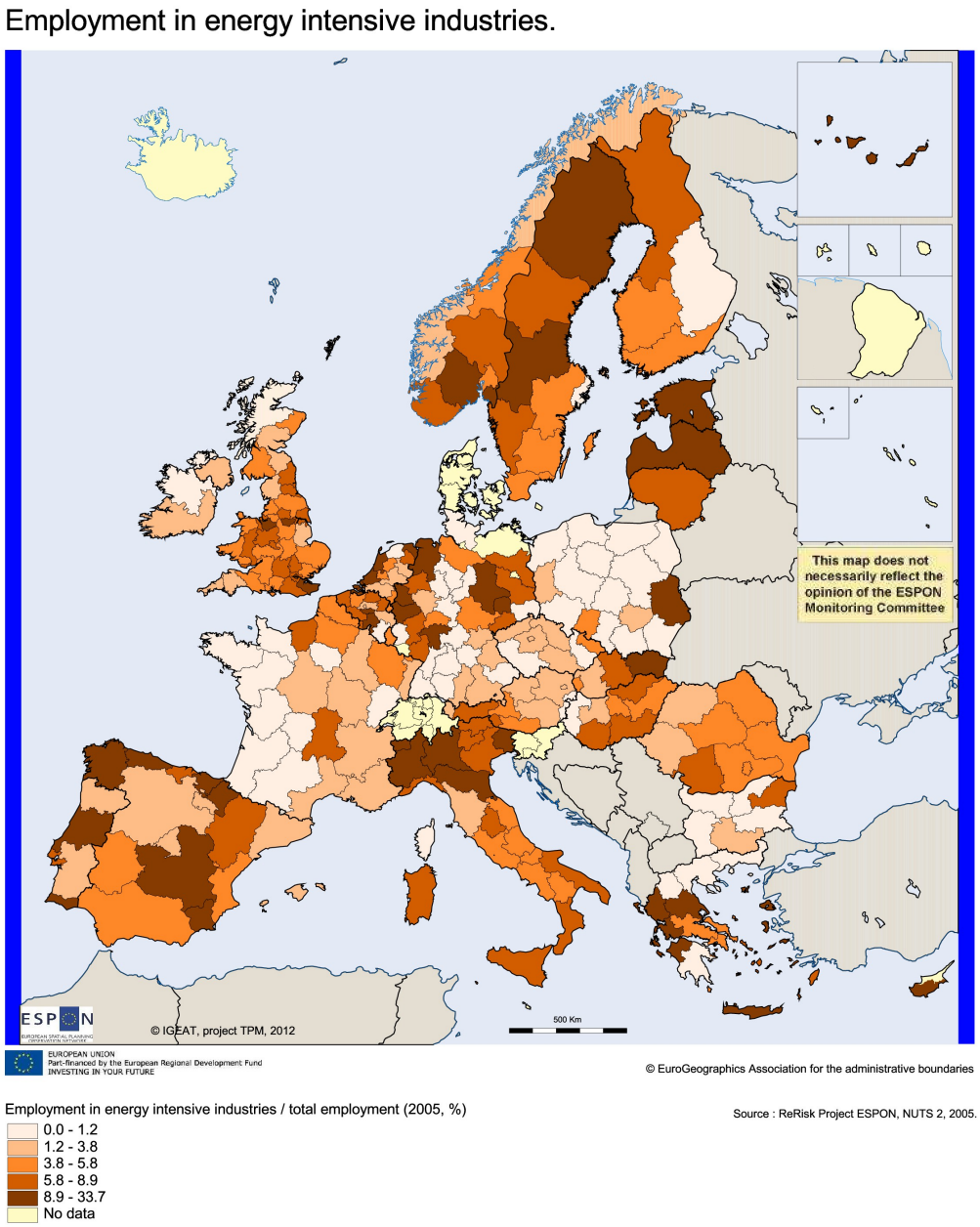


Map 5.2 : Wind energy potential

Fuel costs of freight traffic as % of GDP.



Map 5.3 : Fuel costs of freight traffic as % of GDP



Map 5.4 : Employment in energy intensive industries

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The ESPON 2013 Programme is part-financed by the European Regional Development Fund, the EU Member States and the Partner States Iceland, Liechtenstein, Norway and Switzerland. It shall support policy development in relation to the aim of territorial cohesion and a harmonious development of the European territory.

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