

# Is there a «Mediterranean model» for Smart Cities?

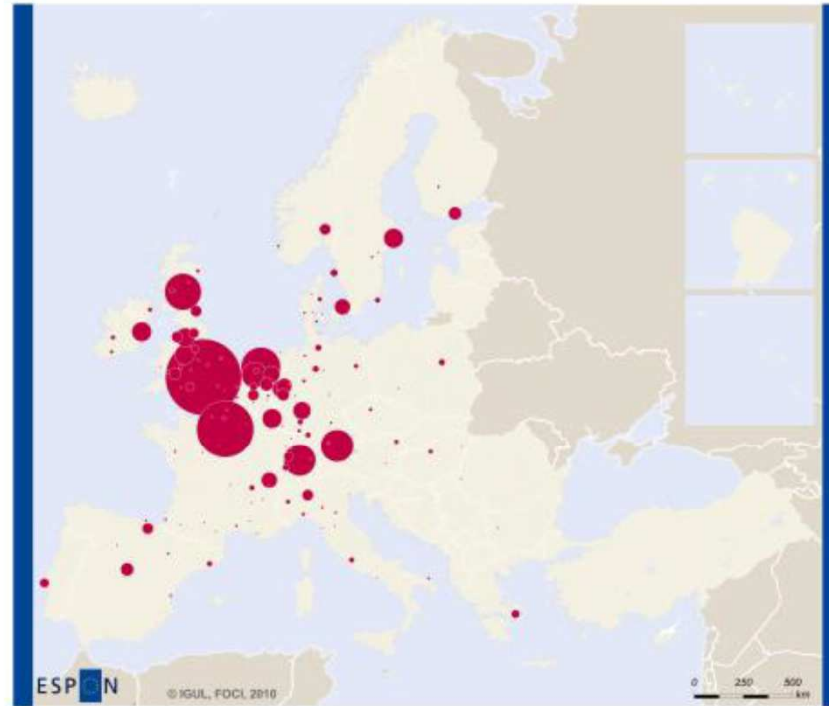
Based on ESPON – European Spatial Planning Observatory Network –  
studies

<http://www.espon.eu/>

Europe's  
great cities  
are the  
gateways for  
international  
networks...

ESPON FOCI

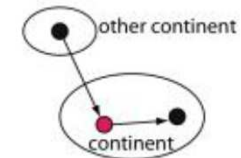
### Continental FUA Gatekeepers for Worldwide networks of multinational firms



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Level: FUA  
Source: IGLU-LAUSANNE, Ruzenbat, 2010  
Origin of data: ORBIS, BVD, 2007  
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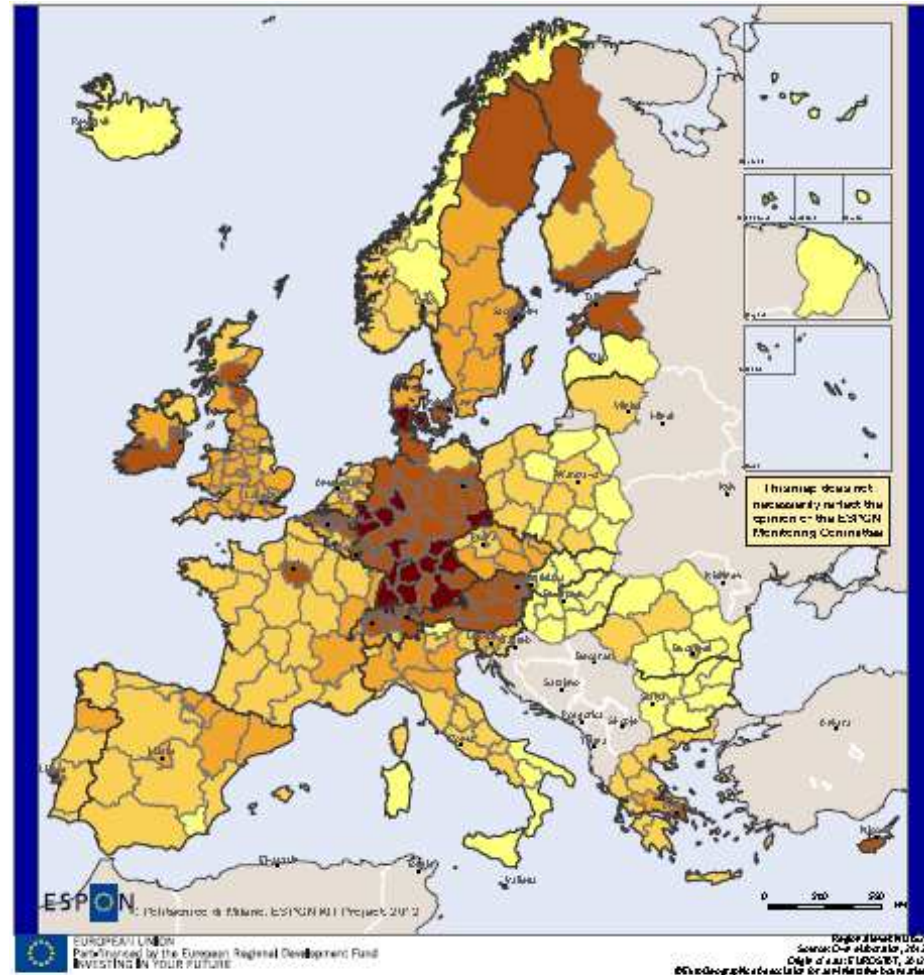
Total number of Intercontinental  
subsidiary links passing by  
the FUA to another  
European city:



\* in the sample of the 600,000 direct or indirect subsidiaries in the world of  
the first 3,000 first worldwide multinational firms

# ...feeding the diffusion of innovation in Europe

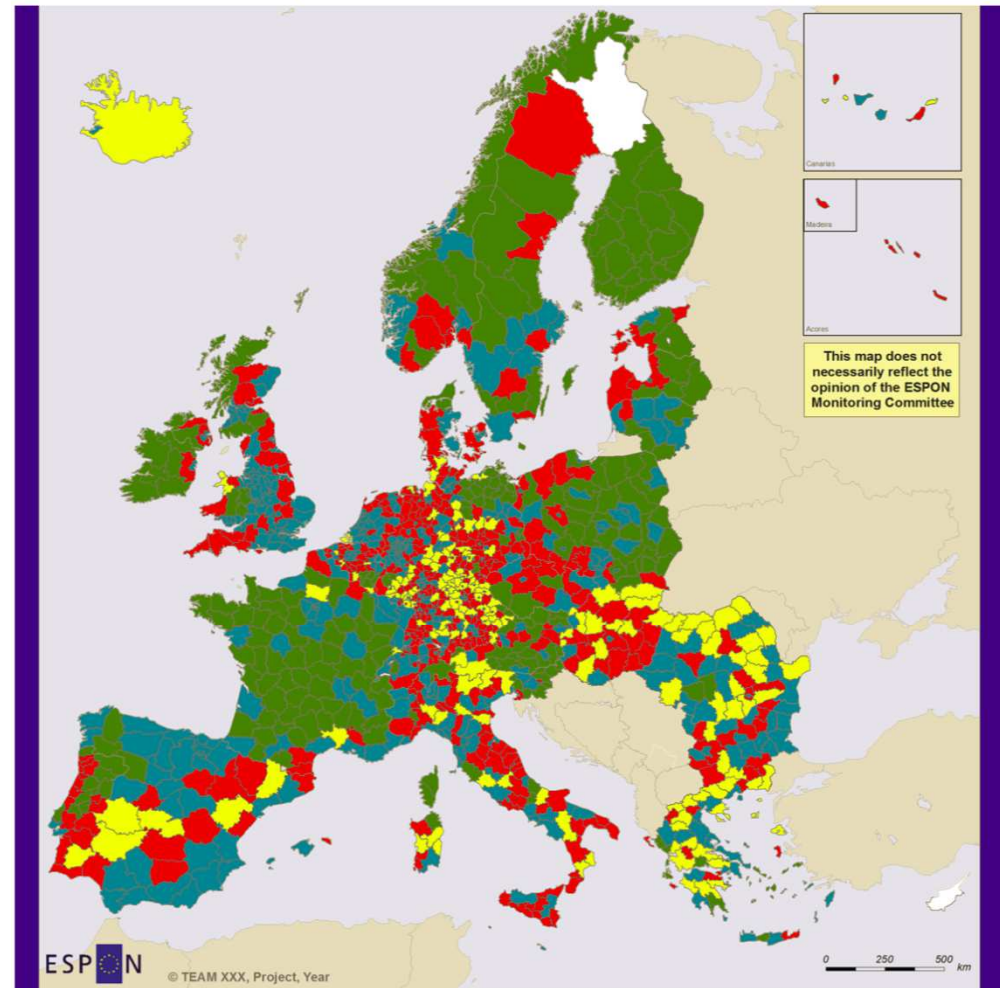
ESPON KIT



Map 1. Territorial patterns of innovation in Europe

... but the  
«carrying»  
system of small  
and medium  
cities is in the  
NMS and the  
Mediterranean

ESPON TOWN



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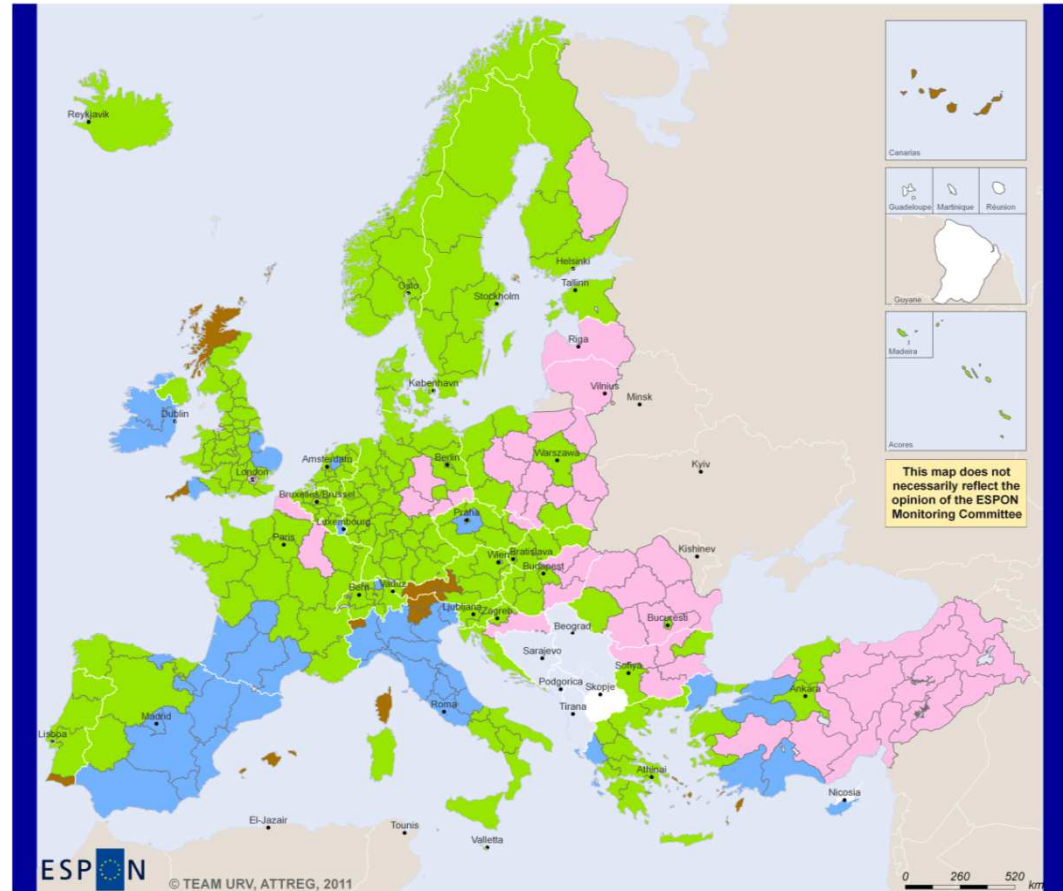
Regional level: NUTS 3  
Source: Own elaboration on EUROSTAT/LFS data  
Origin of data: EUROSTAT/LFS data  
Authors: F. Brandajs, A.P. Russo, D. Serrano Giné  
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Typology: prevailing type of settlements for larger share of population

- 1: SMSTs
- 2: HDUC
- 3: VST
- other settlements
- NO DATA

...with a high level of attractiveness

ESPON ATTREG



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Regional level: NUTS 2  
Source: Own elaboration by I. Smith  
Origin of data: ATTREG database  
Author: A. Magarinos  
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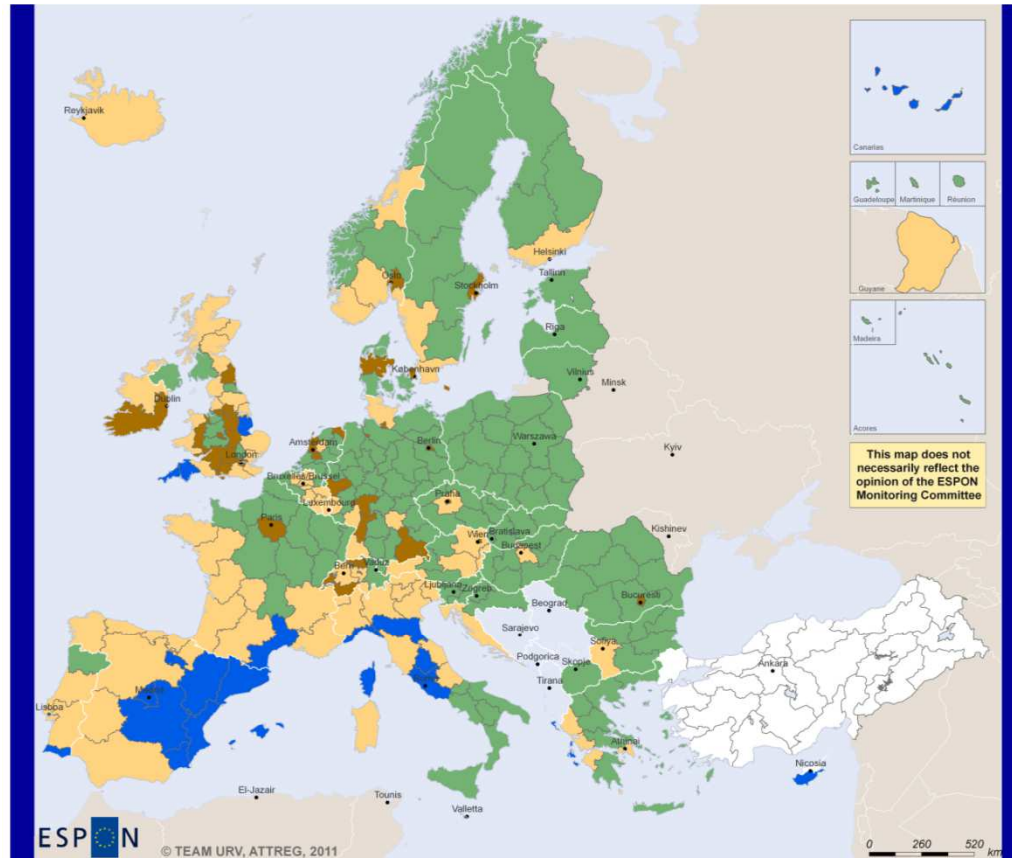
### Typology classes \*

\* Ward's method hierarchical clustering algorithm based on normalised MM2\_20 and MT2\_43 indicators (4 cluster solution retained).

- CLASS 1: low net migration rate (2001-07) and low visitor rate (2001-04)
- CLASS 2: mid-level net migration rate (2001-07) and mid-level visitor rate (2001-04)
- CLASS 3: high net migration rate (2001-07) and mid-level visitor rate (2001-04)
- CLASS 4: high net migration rate (2001-07) and high visitor rate (2001-04)
- NO DATA

# ...and retention

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Regional level: NUTS 2  
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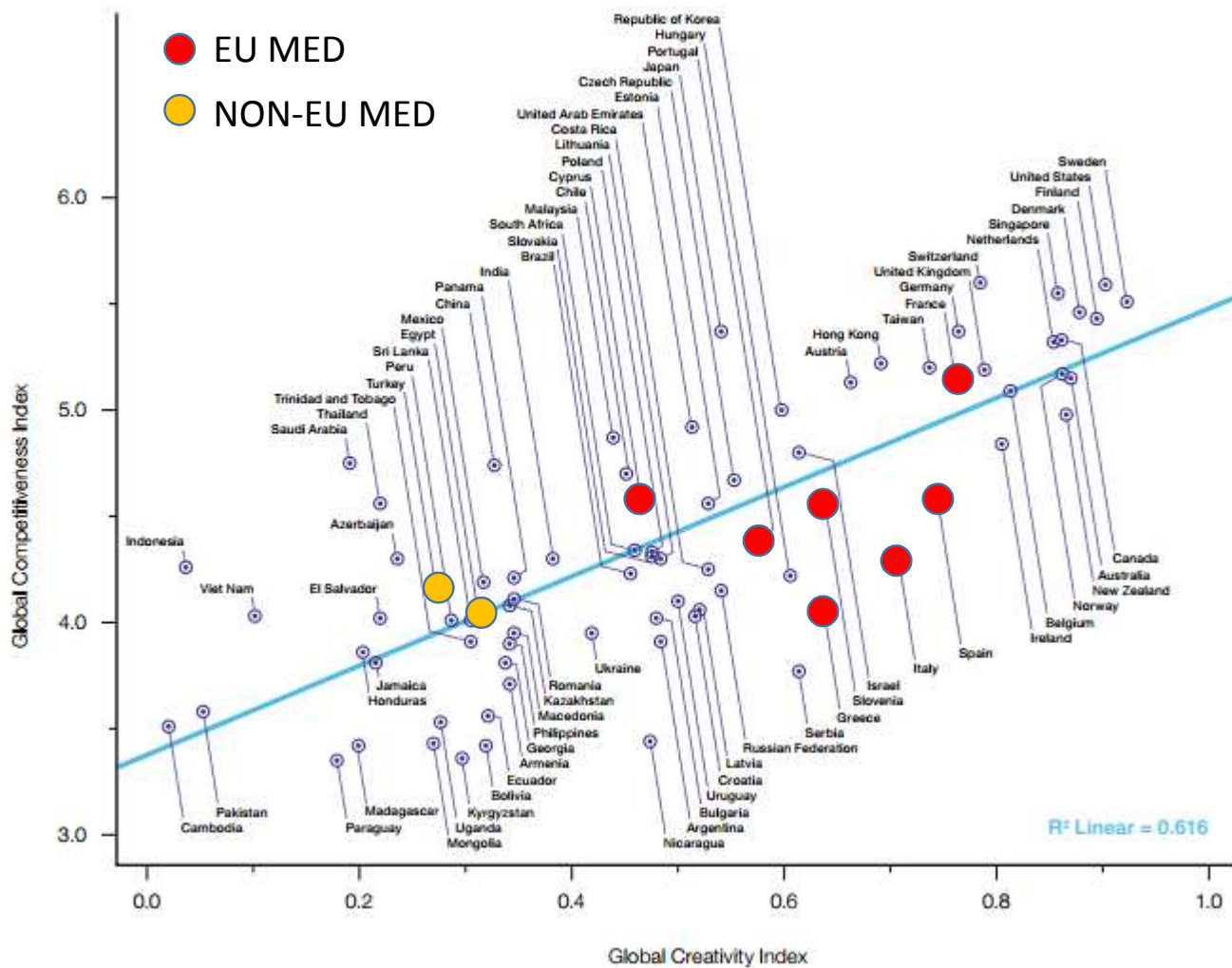
### Typology classes \*

\* K-means clustering algorithm based on normalised variables MM2\_06, MM2\_12, MM2\_18

- CLASS 1 = unretentive region for young (15-24) and medium (25-49) working age groups, medium retentiveness for older working age group (50-64)
- CLASS 2 = region with average retentiveness for all working age groups
- CLASS 3 = highly retentive for all working age groups
- CLASS 4 = highly retentive region for the young working age group, averagely retentive for the medium working age group, unretentive for the older working age group
- NO DATA

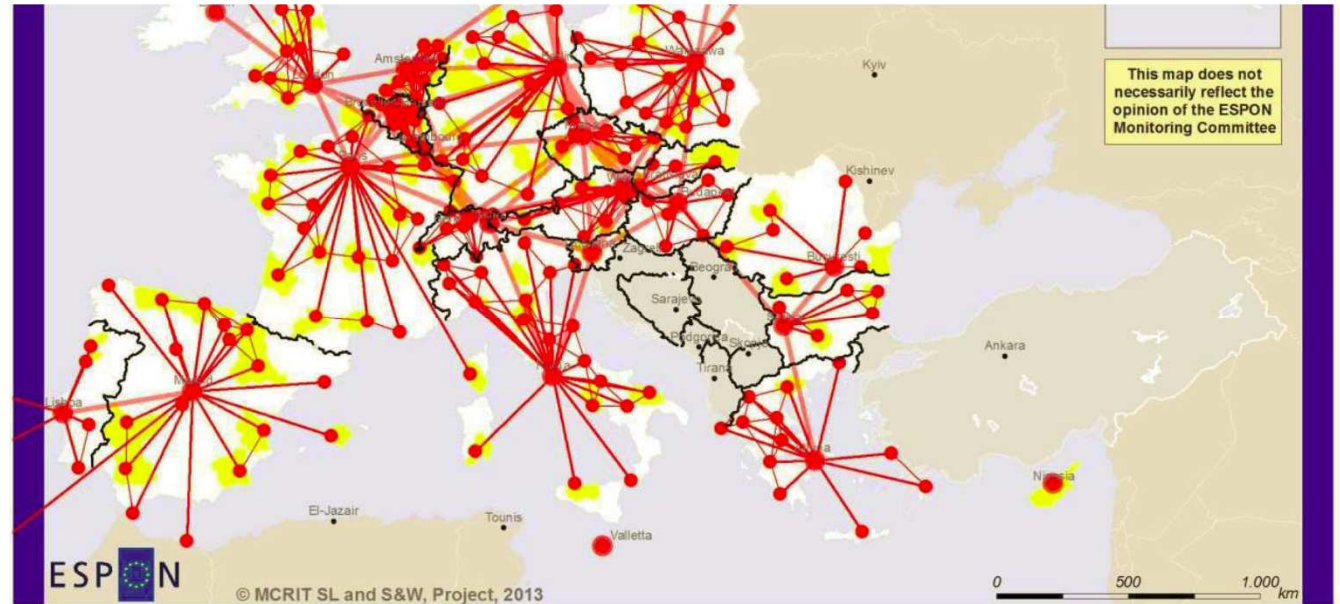
... with a good positioning on creativity and competitiveness indexes

Global Creativity Index,  
Martin Prosperity  
Institute



... and good prospects in both 2050 scenarios:  
«Cities» and «Regions»

ESPON ATTREG



EUROPEAN UNION Detailed level: NUTS 2

