WHAT HAS BEEN MEASURED?

ICT Activities

HOW ARE THE ACTIVITIES MEASURED?

3 characteristics per activity

THREE TOP POLES

Munich, London and Paris are the best performing regions in all indicators. Another 34 regions show intensive ICT Activity (out of the 1303 EU regions observed).

GEOGRAPHICAL CONCENTRATION

ICT R&D, Innovation and Business activities are concentrated in 34 EU regions (poles) across 12 countries.

STRONG CLUSTERING

The areas with intensive ICT activity are clustered together around the best performing locations.

EXCELLENCE = HIGH PERFORMANCE

Excellence is the result of high and balanced performance across all activities (ICT R&D, Innovation and Business).

DIVERSITY

The top performers are not the same: London, Munich and Paris (and all the other poles) show different values in ICT R&D, Innovation and Business, degree of internationalisation, specialisation, etc.

BEING CONNECTED MATTERS

Being connected with the international innovative poles (e.g. Silicon Valley, Tokyo) is crucial for Research, Innovation and Business creation. Global connection of EU pole of excellence is highly unequal and only the best locations play key roles in these networks.

EUROPEAN ICT POLES OF EXCELLENCE

Best performing EU regions in ICT R&D, ICT Innovation and ICT Business activities with a central role in global international networks.

Key Findings

1303 REGIONS ANALYSED

42 INDICATORS USED

DATA-SOURCES CONSULTED

8

34 POLES OF EXCELLENCE

Over 1303 regions analysed
- 34 regions score 41 to 100
- 143 regions score 21 to 40
- 1126 regions score below 20

Cambridgeshire
London
Uusimaa
Stockholm
Skane
Berkshire
Hampshire
Oxfordshire
Edinburgh
Dublin
Munich
Karlsruhe
Darmstadt
Heidelberg
Bonn
Zuidoost
Amsterdam
Frankfurt
Bruxelles
Aachen
Stuttgart
Dresden
Kaiserlautem
Hauts
Madrid
Wien
Milano
Isere
Erlangen
Paris
Surrey
Leuven

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Wien
Milano
Isere
Erlangen
Paris
Surrey
Leuven

ICT R&D

How is ICT R&D distributed in Europe?
Which locations are more R&D carried out?

ICT INNOVATION

How is ICT Innovation distributed across Europe?
In which locations do more innovations emerge?

ICT BUSINESS ACTIVITY

How is ICT economic activity distributed in Europe?
Which locations are attracting new investments?

AGGLOMERATION

The concentration and the intensity of ICT R&D, Innovation or Business in the region analysed compared to others.

INTERNATIONALISATION

The level of international presence (foreign researchers, foreign firms, foreign direct investments).

NETWORKING

Intensity and quality of contacts/interconnections at global level: programme networks, collaboration in patented co-inventions, and location of business affiliates.