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ISCH COST Action IS1104

The EU in the new complex geography of economic systems: models, tools and policy evaluation

The uneven geographical distribution of economic activities is a huge worldwide challenge. For the EU regions this is shown by the deep differences within and across nations. Spatial inequalities are evolving through time following complex patterns determined by economic, geographical, institutional and social factors. The New Economic Geography approach, which was initiated by P. Krugman in the early 1990s, describes economic systems as very simplified spatial structures. The Action aims at developing a more sophisticated modelling of the EU visualised as an evolving trade network with a specific topology determined by the number and strength of national, regional and local links. Economic policies should be specifically designed to take into account this pervasive network structure assessing the position of backward locations within the network and focusing on instruments that favour interconnections. The expected results will provide a basis for an improved evaluation of such policies, in particular for the European Cohesion policy, considering their impact on the welfare level of EU citizens and its geographical distribution. To achieve this objective this Action will enhance interdisciplinary networking combining recent approaches in economics with the most advanced mathematical and computational methods for analysing complex and non-linear systems.

(Descriptions are provided by the Actions directly via e-COST.)

Individuals, Societies, Cultures and Health COST Action IS1104

- ▶ **Description**
- ▶ Parties
- ▶ Management Committee

General Information*

- Chair of the Action:**
[Prof Pasquale COMMENDATORE](#) (IT)
- Vice Chair of the Action:**
[Prof Ingrid KUBIN](#) (AT)
- Science officer of the Action:**
[Dr Rossella MAGLI](#)
- Administrative officer of the Action:**
[Ms Nathalie WARENGHIEN](#)

Downloads*

- Action Fact Sheet**
[Download AFS as .RTF](#)
- Memorandum of Understanding**
[Download MoU as PDF](#)

Websites*

- Action website:**
<http://www.gecomplexity-cost.eu/>

* content provided by e-COST.
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