

# ET2050

## Territorial Scenarios and Visions for Europe

Project 2013/1/19

Draft Final Report | 28/02/2014



This report presents a more detailed overview of the analytical approach to be applied by the ET2050 ESPON project. This Applied Research Project is 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.

The approach presented in the report has been presented and discussed with the ESPON Monitoring Committee, and the indications made by the ESPON Monitoring Committee have been integrated, but still it may 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](http://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.

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## Note accompanying DFR

04-03-2014

This note accompanies the DFR delivered to the ESPON Coordination Unit on the 28<sup>th</sup> of February 2014.

It provides clarifications by Politecnico di Milano in relation to TIA analysis, and by IGEAT in relation to the reporting of the Participatory Plan of ET2050.

Valérie Biot – March 4, 2014

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### **Volume 15, IGEAT: 'A qualitative roadmap towards a territorial Vision for Europe in 2050': delivery postponed (MARCH 2014)**

In the current table of content of the DFR, the volume 15 has not been mentioned: IGEAT could not provide it for this deadline, but will certainly provide it in March. Volume 15 on the 'qualitative roadmap towards a territorial Vision' will be added, including the stakeholders involvement.

This issue is not forgotten at all: on the contrary, we intend to provide a comprehensive volume 15 including all the elements of the qualitative roadmap implemented during those 3 years, with a main focus on what happened since the second interim report.

Roberto Camagni – February 28, 2014

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### **About TIA elaborations and results in the Draft Final Report**

A relevant and complex task assumed by the project was to run a Territorial Impact Assessment on the four scenario results (Baseline Scenario + 3 Exploratory scenarios).

This task was accomplished running an advanced and simplified version of the existing Tequila model (namely Tequila 4) on the four scenarios taking 2030 as the time reference. 20 impact fields were agreed with the MC at the Paphos meeting, belonging to 4 macro fields (economy, society, environment and territorial identity), and summative impacts were calculated for each one of the 4 macro-fields and for total summative impact.

Impacts were mapped on Nuts2 regions in 100 maps (20x4 single impact maps and 5x4 summative impacts), and were commented in the Scientific Report together with the full presentation of the methodology. Impacts were calculated as far as possible through the econometric and simulation models available inside the TPG, and when not possible through experts judgments.

The 2030 assessment year was chosen on the basis of the following reasons and statistical constraints:

- it is one of the two time horizons assumed by the tender and by the project;
- it is sufficiently far from present days as to allow main feed-back processes to present conditions to take place and also to allow main effects of hypothesized actions, trends and policies to deploy their full effects;
- it is not too far as to allow sufficiently reliable quantitative forecasts;

- it is the only time horizon for which the entire spectrum of the 20 impact fields can be reliably computed.

The exercise could be rightly labeled as a substantially reliable, medium-long term, conditional forecast of comparable scenario impacts on the single EU regions.

Going towards the subsequent time horizon, namely 2050, would be subject to potential criticisms: no complex econometric model encompassing at the same time macro-economic, physical and territorial variables, monetary, fiscal and transportation policies would dare to present results for single regions at that long time horizon.

Nevertheless, considering the possibility that a demand for 2050 impacts could be demanded, the following reflections and proposals can be presented:

- concerning qualitative, experts' judgments on some impact fields, the present 2030 forecasts can be assumed to hold also for 2050 (the impacts being indicated in relative terms among regions). The group did not elaborate strong exogenous elements differentiating the two time spans;
- the only relevant difference between the two groups of scenarios refers to the different feelings about the trend in inter-regional disparities in GDP before and after 2030. In this case, maps and single coefficients are already available for 2050;
- concerning other variables (like accessibility or emissions), given the extrapolative nature of exogenous hypotheses, no differences would appear in the concerned maps;
- the only difference in results could refer to the aggregate impact on economy (and consequently, on the summative impacts): in this case, if the MC will consider these results as relevant and crucial, the relative maps (8) could be re-drawn for the Final Report.