

# ESPON project 3.2

## Spatial Scenarios and Orientations in relation to the ESDP and Cohesion Policy

Final Report  
October 2006

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ESPON project 3.2  
Spatial Scenarios and Orientations in  
relation to the ESDP and Cohesion Policy

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Volume 7  
Annexes

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## Table of Contents

|  |    |
|--|----|
| List of Figures and Tables .....   | 5  |
| List of missing data.....  | 10 |
| List of Abbreviations .....  | 11 |
| References and Bibliography .....  | 13 |
| List of publications of the TPG members resulting from the research undertaken ..... | 20 |
| List of indicators developed and datasets provided to the ESPON Database.....        | 22 |
| Number of performance indicators achieved.....                                       | 31 |

# List of Figures and Tables

## Volume 1

|          |   |    |
|----------|---|----|
| Figure 1 | The axes defining the integrated policy scenarios . . . . .   | 21 |
| Figure 2 | The final image 2030 of the baseline scenario . . . . .   | 28 |
| Figure 3 | The final image 2030 of the cohesion-oriented scenario . . . . .  | 31 |
| Figure 4 | The final image 2030 of the competitiveness-oriented scenario . . . . .   | 34 |
| Table 1  | Overview of hypotheses for the baseline and prospective scenarios (unless otherwise stated, the hypotheses of the baseline scenario are also valid for the two other scenarios) . . . . . | 25 |

## Volume 2

|           |  |     |
|-----------|--|-----|
| Figure 1  | The axes defining the integrated prospective policy scenarios . . . . .  | 8   |
| Figure 2  | Cartograms showing size of regions in terms of population (left) and GDP (right) . . . . .   | 10  |
| Figure 3  | Population potentials in world regions and economic inequalities in Europe's neighbourhood . . . . .   | 12  |
| Figure 4  | Intra-regional trade in world economic blocks and external trade openness of European countries . . . . .  | 14  |
| Figure 5  | Innovation gap of the EU to the USA and Japan and innovation performance of European countries . . . . .   | 18  |
| Figure 6  | Information society performance - ESPON 1.2.3 IS Index . . . . .   | 20  |
| Figure 7  | Vulnerability of European regions to globalisation . . . . .   | 22  |
| Figure 8  | Energy intensity of European national economies . . . . .  | 25  |
| Figure 9  | Life expectancy, median age and index of sustainable demographic development . . . . .   | 26  |
| Figure 10 | Europe's neighbourhood: Economic polarisation and number of migrants . . . . .   | 28  |
| Figure 11 | Major urban area, their accessibility and qualitative profiles . . . . .   | 35  |
| Figure 12 | Degree of rurality . . . . .   | 38  |
| Figure 13 | Polarisation and dispersal areas . . . . .   | 41  |
| Figure 14 | Types of demographic development (PT=Total population variation; PM= migration balance; PN= Natural population variation) . . . . .  | 43  |
| Figure 15 | Population ageing . . . . .  | 51  |
| Figure 16 | Demographic potential (ISDD) . . . . .   | 52  |
| Figure 17 | Smoothed maps based on MASST results: cumulative growth (left) and change in relative position (right) - 2002-2015 . . . . .   | 55  |
| Figure 18 | Road and rail investments until 2030 (KTEN Model) . . . . .  | 59  |
| Figure 19 | Multimodal accessibility 2000 and 2030 as mean travel cost (KTEN Model) . . . . .  | 60  |
| Figure 20 | Schematic map of the final 2030 image of the baseline scenario . . . . .   | 64  |
| Figure 21 | Median age: difference between the cohesion-oriented and the baseline scenario . . . . .   | 88  |
| Figure 22 | Index of sustainable demographic development: difference between the cohesion-oriented and the baseline scenario . . . . .   | 89  |
| Figure 23 | Smoothed maps based on MASST results: cumulative growth (left) and change in relative position (right) - 2002-2015 - Difference between the cohesion-oriented and the baseline scenario . . . . .        | 92  |
| Figure 24 | Rail and road investment until 2030 - Difference between the cohesion-oriented and the baseline scenario (KTEN Model) . . . . .  | 96  |
| Figure 25 | Multimodal accessibility as mean travel cost (left) and accessible GDP in less than 10 hours - 2030 - Difference between the cohesion-oriented and the baseline scenario (KTEN Model) . . . . .          | 97  |
| Figure 26 | CO2 emissions (T/Km2) - 2030 - Difference between the cohesion-oriented and the baseline scenario (KTEN Model) . . . . .   | 99  |
| Figure 27 | Schematic map of the final 2030 image of the cohesion-oriented scenario . . . . .  | 102 |
| Figure 28 | Median age - 2015 + 2030 - difference between the competitiveness-oriented and the baseline scenario . . . . .   | 120 |
| Figure 29 | Index of sustainable demographic development - 2015 + 2030 - difference between the competitiveness-oriented and the baseline scenario . . . . .   | 121 |
| Figure 30 | Smoothed maps based on MASST results: cumulative growth (left) and change in relative position (right) - 2002-2015 - Difference between the competitiveness-oriented and the baseline scenario . . . . . | 124 |
| Figure 31 | Rail and road investment until 2030 - Difference between the cohesion-oriented and the baseline scenario (KTEN Model) . . . . .  | 127 |
| Figure 32 | CO2 emissions (T/Km2) - 2030 - Difference between the competitiveness-oriented and the baseline scenario (KTEN Model) . . . . .  | 129 |
| Figure 33 | Multimodal accessibility as mean travel cost (left) and accessible GDP in less than 10 hours - 2030 - Difference between the competitiveness-oriented and the baseline scenario (KTEN Model) . . . . .   | 130 |
| Figure 34 | Schematic map of the final 2030 image of the competitiveness-oriented scenario . . . . .   | 134 |

|           |   |     |
|-----------|---|-----|
| Figure 35 | ISDD in 2030 in the "petite couronne" of Ile-de-France (Paris, Hauts de Seine, Seine Saint Denis and Val de Marne) . . . . .  | 152 |
| Figure 36 | Difference between Membership Values of LAU 1 and 2 Territories to Maternity Hospitals (Cohesive and Competitive scenarios) . . . . .   | 154 |
| Figure 37 | Growth of residential areas by regions for (A) Baseline, (B) Cohesive and (C) Competitive scenarios. Numbers correspond to the numbers of new cells (200x200 meters or 4 ha). . . . . | 155 |

### Volume 3

|           |  |     |
|-----------|--|-----|
| Figure 1  | Giant oil field discovery per decade . . . . .   | 62  |
| Figure 2  | Oil and gas liquids - 2004 scenario . . . . .  | 62  |
| Figure 3  | Potential resources in solar energy in Europe . . . . .  | 63  |
| Figure 4  | Biomass: current use and potential (Source: European Commission) . . . . .   | 63  |
| Figure 5  | 'Market' Scenario : Simulation of GDP per capita (PPS) in the 10+2 states, plus Turkey and Croatia 2005-2030 . . . . .                             | 140 |
| Figure 6  | Market Scenario : Simulation of GDP per head (PPS) in the EU27 + PAC countries 2005-2030 . . . . .   | 143 |
| Figure 7  | Europe as a 'Marketplace' - The Impact of Widening . . . . .   | 144 |
| Figure 8  | 'Temple Scenario' : Simulation of GDP per capita (PPS) in the 10+2 countries plus Turkey and Croatia 2005-2030 . . . . .                           | 149 |
| Figure 9  | 'Temple' Scenario : Simulation of GDP per head (PPS) in the EU27 + PAC countries 2005-2030 . . . . .   | 150 |
| Figure 10 | Europe as a 'Temple' - The Impact of Deepening . . . . .   | 152 |
| Table 1   | World population growth (millions) . . . . .   | 17  |
| Table 2   | Key population statistics by region (millions): annual averages 2000-2005* . . . . .   | 17  |
| Table 3   | Current rate of 'natural population increase' (excess of births over deaths in the indigenous population in % - EU15 (average 2000, 1.8) . . . . . | 17  |
| Table 4   | Natural population increase: Total population increase (by '000 inhabitants - selection of EU29 (average 2003, 0.8: 3.4) . . . . .                 | 18  |
| Table 5   | Demographic Typology of Regions . . . . .  | 18  |
| Table 6   | Total Fertility Rate - EU15 (average 1960: 2.7, 2001: 1.4) . . . . .   | 18  |
| Table 7   | Ageing Patterns - EU25 . . . . .   | 18  |
| Table 8   | EU25 population change (%) (Eurostat projected) . . . . .  | 24  |
| Table 9   | Structural Funds and Framework Programme policy periods . . . . .  | 85  |
| Table 10  | The share of capital regions in the increment of GDP in the candidate countries 1995-2001 . . . . .  | 98  |
| Table 11  | The most dynamic NUTS2 regions of the European Union and the change of their relative development level 1995-2001 . . . . .                        | 98  |
| Table 12  | Impacts of previous enlargements of the EU as well as the PAC accession . . . . .  | 141 |
| Table 13  | Possible indicators . . . . .  | 195 |

### Volume 4

|           |  |     |
|-----------|--|-----|
| Figure 1  | MASST Model Specification . . . . .  | 13  |
| Figure 2  | Regional Disparities in the Baseline Scenario . . . . .  | 51  |
| Figure 3  | Regional Disparities in the Competitive Scenario . . . . .   | 51  |
| Figure 4  | Regional Disparities in the Cohesive Scenario . . . . .  | 52  |
| Figure 5  | Scheme of interrelation between KTEN and MASST models . . . . .                                    | 56  |
| Figure 6  | Main interface of KTEN passenger Trip generation module . . . . .                                  | 71  |
| Figure 7  | Trip rates interface of KTEN passenger Trip generation module . . . . .                            | 72  |
| Figure 8  | Leisure and Personal trips by GDP of the KTEN passenger Trip generation module . . . . .           | 73  |
| Figure 9  | Relation between Leisure and Personal trips of the KTEN passenger Trip generation module . . . . . | 73  |
| Figure 10 | Interface of KTEN passenger Trip distribution module . . . . .                                     | 74  |
| Figure 11 | Modal split for interregional trips. Source: ESPON Project 1.2.1, Mcrit. . . . .                   | 75  |
| Figure 12 | Road freight generation at NUTS3 level . . . . .   | 78  |
| Figure 13 | Road freight traffics . . . . .  | 78  |
| Figure 14 | Dummy variable combination map . . . . .   | 81  |
| Figure 15 | Calibration of developed model against ETIS matrix . . . . .                                       | 82  |
| Figure 16 | Main interface of KTEN freight module . . . . .  | 84  |
| Figure 17 | Road project evaluation for Baseline scenario . . . . .  | 86  |
| Figure 18 | Rail project evaluation for Baseline scenario . . . . .  | 87  |
| Figure 19 | Road project evaluation for Cohesive scenario . . . . .  | 88  |
| Figure 20 | Rail project evaluation for Cohesive scenario . . . . .  | 89  |
| Figure 21 | Road projects CBA proxy analysis for Competitive scenario . . . . .                                | 90  |
| Figure 22 | Rail projects CBA proxy analysis for Competitive scenario . . . . .                                | 90  |
| Figure 23 | The Statistical Dimension of the research on ETCI . . . . .  | 113 |
| Figure 24 | The spatial dimension of the research on ETCI . . . . .  | 115 |
| Figure 25 | Compared discontinuities in terms of health expenditure and GDP per capita around 2000 in          |     |

|           |   |      |
|-----------|---|------|
|           | ESPON area  | .119 |
| Figure 26 | Typical demographic trajectories  | .127 |
| Figure 27 | World demographic trajectory (3 UNPP hypothesis)  | .129 |
| Figure 28 | ESPON area's trajectory compared to United States, Japan and China's  | .130 |
| Figure 29 | ESPON area and neighbourhoods trajectories  | .131 |
| Figure 30 | ESPON 4 big regions trajectories  | .132 |
| Figure 31 | Median age in ESPON area in 2000 and in 2030 according to the 3 scenarios - Smoothed maps   | .135 |
| Figure 32 | Median age in ESPON area in 2000 and in 2030 according to the 3 scenarios - Maps of discontinuities   | .136 |
| Figure 33 | Life expectancy at birth in ESPON area in 2000 and in 2030 according to the 3 scenarios - Smoothed maps   | .139 |
| Figure 34 | Median age in ESPON area in 2000 and in 2030 according to the 3 scenarios - Maps of discontinuities   | .140 |
| Figure 35 | Index of sustainable demographic development in ESPON area in 2000 and in 2030 according to the 3 scenarios - Smoothed maps   | .142 |
| Figure 36 | Index of sustainable demographic development in ESPON area in 2000 and 2030 according to the 3 scenarios - Maps of discontinuities  | .143 |
| Figure 37 | Compared ISDD in 2030 according to the 3 scenarios: former communist-capitalist countries and urban-rural areas   | .145 |
| Figure 38 | Uncertainty for the estimation of Life expectancy : The example of Russia and Southern Africa   | .153 |
| Figure 39 | International beta-convergence of life expectancy in ESPON 29 (1980-2000)   | .156 |
| Figure 40 | Evolution of life expectancy in ESPON countries with market economy in 1980   | .158 |
| Figure 41 | Evolution of life expectancy in ESPON countries with socialist economy in 1980  | .158 |
| Figure 42 | Evolution of life expectancy in liberal and cohesive scenarios  | .160 |
| Figure 43 | ISDD in 2030 in the 'petite couronne' of Ile-de-France (Paris, Hauts de Seine, Seine Saint Denis and Val de Marne)  | .172 |
| Figure 44 | ISDD around 2000 in the 'Grande Région'   | .174 |
| Figure 45 | The relevance of LAU 1/2 levels to represent the accessibility to public services   | .178 |
| Figure 46 | Maternity Hospitals Predominant Service Areas   | .182 |
| Figure 47 | The Overlaps between Maternity Hospitals Service Areas  | .183 |
| Figure 48 | Difference Between Membership Values of LAU 1 and 2 to Maternity Hospitals (Competitive Scenario Values Minus Current Scenario Values)  | .185 |
| Figure 49 | Difference Between Membership Values of LAU 1 and 2 to Maternity Hospitals (Cohesive Scenario Values Minus Current Scenario Values)   | .186 |
| Figure 50 | The Competitive Scenario  | .189 |
| Figure 51 | The Cohesive Scenario   | .191 |
| Figure 52 | Difference Between Membership Values of LAU 1 and 2 to Maternity Hospitals (Cohesive Scenario Values Minus Current Scenario Values)   | .193 |
| Figure 53 | Difference Between Membership Values of LAU 1 and 2 to Maternity Hospitals (Competitive Scenario Values Minus Current Scenario Values)  | .194 |
| Figure 54 | Growth of residential areas by regions for (A) Baseline, (B) Cohesive and (C) Competitive scenarios. Numbers correspond to the numbers of new cells (200x200 meters or 4 ha). | .199 |
| Figure 55 | Land use development around Prague. A Basesine scenario; B Cohesive scenario; C competitive scenario  | .201 |
| Figure 56 | Development of low density residential areas around Dresden from 1998 to 2015 (Competitive scenario)  | .202 |
| Figure 57 | GDP growth projected by MASST model for study area  | .203 |
| Figure 58 | Variations of land use patterns in the three simulated scenarios, with reference to the actual situation in year 1998   | .204 |
| Figure 59 | Development of Commercial areas around Prague from 1998 to 2015 (Competitive scenario)  | .205 |
| Figure 60 | Development of Commercial sites around Dresden from 1998 to 2015 (Competitive scenario)   | .206 |
| Figure 61 | Unsmoothed and smoothed map on the basis of the same MASST output   | .212 |
| Figure 62 | Combining different model results for scenario visualisation  | .213 |
| Figure 63 | Indicator of sustainable demographic development, baseline scenario 2000-2015-2030  | .214 |
| Figure 64 | Examples of conceptual schematic maps elaborated during initial brainstorming period  | .215 |
| Figure 65 | Almost final draft of the synthetic schematic map of the baseline scenario image 2030   | .216 |
| Figure 66 | K+C website at <a href="http://www.mcrit.com/scenarios">www.mcrit.com/scenarios</a>   | .218 |
| Figure 67 | User-interface for dynamic visualisation of maps at <a href="http://www.mcrit.com/scenarios">www.mcrit.com/scenarios</a>  | .220 |
| Figure 68 | Animations at <a href="http://www.mcrit.com/scenarios">www.mcrit.com/scenarios</a>  | .222 |
| Figure 69 | Animations at <a href="http://www.mcrit.com/scenarios">www.mcrit.com/scenarios</a>  | .223 |
| Table 1   | Outline of the MASST sub-national blocks of equations   | .16  |
| Table 2   | Outline of the MASST sub-regional blocks of equations   | .17  |
| Table 3   | Variables used by the MASST at national level   | .20  |
| Table 4   | Territorial and socio-economic data   | .21  |
| Table 5   | Specific spatial effects indicators   | .23  |
| Table 6   | Traditional economic variables  | .24  |

|          |   |      |
|----------|---|------|
| Table 7  | National estimates  | .26  |
| Table 8  | Regional estimates  | .29  |
| Table 9  | List of variables in the sr equation  | .30  |
| Table 10 | List of variables in the migration equations  | .32  |
| Table 11 | List of variables in the population growth equation   | .32  |
| Table 12 | Logic of the simulation procedure   | .35  |
| Table 13 | Difference in DGP growth rates in 2015 between the three scenarios  | .50  |
| Table 14 | Demand scenarios variables  | .59  |
| Table 15 | Infrastructure definition parameters for competitive scenario   | .60  |
| Table 16 | Infrastructure definition parameters for competitive scenario   | .61  |
| Table 17 | Infrastructure definition parameters for baseline scenario  | .61  |
| Table 18 | Occupation rates  | .67  |
| Table 19 | CO2 emission ratios   | .67  |
| Table 20 | Comparison between ETIS and COMEXT exportation databases  | .76  |
| Table 21 | Comparison between ETIS and COMEXT importation databases  | .77  |
| Table 22 | Model parameters after calibration  | .83  |
| Table 23 | Difference between indexes of " remaining lifetime " and ISDD in various regions of the world in 2000                   | .128 |
| Table 24 | Correlation between indexes of " remaining lifetime " and ISDD in ESPON area in 2000 (nuts 2)                           | .128 |
| Table 25 | Regional variations of median age in ESPON area (nuts2)   | .134 |
| Table 26 | Regional variations of life expectancy at birth in ESPON area (nuts2)   | .138 |
| Table 27 | Regional variations of ISDD in ESPON area (nuts2)   | .141 |
| Table 28 | Compared ISDD in 2030 according to the 3 scenarios: former communist/capitalist countries and urban/rural areas         | .144 |
| Table 29 | Example of computation of life expectancy in baseline scenario  | .155 |
| Table 30 | The relative changes in population and GDP for Cohesive and Competitive scenarios with respect to the Baseline scenario | .199 |

## Volume 5

|           |  |     |
|-----------|--|-----|
| Figure 1  | Alternative scaling from quantitative to qualitative assessment                    | .72 |
| Figure 2  | The dimensions of territorial cohesion   | .77 |
| Figure 3  | An integrated strategy for territorial cohesion objectives and assessment criteria | .78 |
| Figure 4  | The main presentation sheet: weights and general results                           | .81 |
| Figure 5  | The main presentation sheet: the regional impacts                                  | .82 |
| Figure 6  | The Territorial Impact chart: Territorial Efficiency                               | .83 |
| Figure 7  | Potential impacts on regions (PIMs)  | .84 |
| Figure 8  | Sensitivity to impacts in regions (S)  | .85 |
| Figure 9  | Desirability of impacts in regions (D: utility function)                           | .86 |
| Figure 10 | Indicators of Potential Impact (PIM)   | .90 |
| Figure 11 | Indicators of Sensitivity and Desirability   | .92 |
| Figure 12 | Impact of TEN Policies (priority) on territorial efficiency                        | .93 |
| Figure 13 | Impact of TEN policies (priority) on territorial quality                           | .94 |
| Figure 14 | Impact of TEN Policies (priority) on territorial identity                          | .95 |
| Figure 15 | General impact of TEN policies   | .96 |

## Volume 6

|           |  |     |
|-----------|--|-----|
| Figure 1  | Flowchart input to the ESPON database  | .7  |
| Figure 2  | Content of the ESPON database by thematic fields                               | .8  |
| Figure 3  | Content of the ESPON database by NUTS level                                    | .9  |
| Figure 4  | Example for table name   | .11 |
| Figure 5  | Main window  | .12 |
| Figure 6  | Thematic selection - start window  | .12 |
| Figure 7  | Thematic selection - step 1: select theme                                      | .13 |
| Figure 8  | Thematic selection - step 1: select subtheme                                   | .13 |
| Figure 9  | Thematic selection - step 1: select NUTS level                                 | .14 |
| Figure 10 | Thematic selection - step 1: select NUTS level                                 | .14 |
| Figure 11 | Thematic selection - step 2: select record by double-click                     | .15 |
| Figure 12 | Thematic selection - step 3: check selection and export to Excel               | .15 |
| Figure 13 | Sample of arranging the NUTS 99 shape files: NUTS 2 regions in the narrow view | .22 |
| Figure 14 | Sample of arranging the NUTS 2003 shape files: NUTS 2 regions                  | .23 |
| Figure 15 | General structure of the application   | .28 |
| Figure 16 | The LTDB database schema   | .30 |
| Table 1   | Number of regions according to NUTS version and NUTS level                     | .10 |
| Table 2   | Folder structure and content of ESPON map kit                                  | .17 |
| Table 3   | Content of "NUTS_1999"   | .19 |



## List of missing data

- MCRIT

### *Transport:*

Key missing data is a time-serie with "passenger and freight flows between regions", "traffics in main infrastructure links and international terminals", "infrastructure investments", "accidents attached to links". We worked with estimates... there is a need for a basic paneuropean database with these basic data. It is well known in the transport sector.

- DIG

### *At NUTS 0*

- interest rates;
- unit labour cost;
- inflation rate (only missing for Switzerland).

### *At NUTS 2*

- share of people working in S&T on population;
- number of self-employed persons on total employment;
- unemployed people;
- GDP at current prices;
- elasticity of GDP to energy price (only missing for Switzerland).

## List of Abbreviations

|                |   |
|----------------|---|
| ADS            | Accelerator Driven Systems                              |
| ADS            | Accelerator Driven Systems                              |
| AWU            | agricultural working unit                               |
| BSE            | Bovine Spongiform Encephalopathy                        |
| BSR            | Baltic Sea Region                                       |
| CAHP           | European Population Committee                           |
| CAP            | common agricultural policy                              |
| CBA            | Cost-Benefit Analysis                                   |
| CEECs          | Central and Eastern European Countries                  |
| CHP            | Combined Heat and Power                                 |
| DGP            | Direct Government Payments                              |
| EASR           | European Association of Survey Research                 |
| ECSC           | European Coal and Steel Community                       |
| EEA            | European Arenas Association                             |
| EFTA           | European Free Trade area                                |
| ENP            | European Neighbourhood Policy                           |
| EPCC           | European Program on Climate Change                      |
| ESPON          | European Spatial Planning Observation Network           |
| ETCI           | European Territorial Cohesion Index                     |
| FDI            | Foreign direct investment                               |
| FMD            | Foot-and-Mouth Disease                                  |
| FNR            | Fast Neutron Reactors                                   |
| FNR            | Fast Neutron Reactors                                   |
| FUAs           | Functional Urban Areas                                  |
| GDP            | Gross Domestic Product                                  |
| GHG            | greenhouse gas  |
| GIS            | Geographic information system                           |
| GU             | Geographic unit   |
| GVA            | Gross Added Value                                       |
| HDI            | Human Development Index                                 |
| HDR            | Human Developments Report                               |
| HST            | high-speed train  |
| HTGR           | High Temperature Gas Reactors                           |
| ICT            | Information and Communication Technology                |
| IPCC           | Intergovernmental Panel on Climate Change               |
| ISDD           | Index of Sustainable Demographic Development            |
| JRC            | Joint Research Centre                                   |
| KTEN           | Know trans-European Networks                            |
| LAU            | local administrative unit                               |
| LDP            | Local demographic polarisation                          |
| LEMA           | Life Expectancy at Median Age                           |
| LEP            | Local economic polarisation                             |
| LFAs           | Less Favoured Areas                                     |
| LTDB           | Long-Term Database                                      |
| MASST          | Macroeconomic, Sectoral, Social and Territorial (model) |
| MDP            | Medium demographic polarisation                         |
| MEDA countries | Mediterranean Partner countries                         |
| MEGAs          | Metropolitan European Growth Areas                      |
| MEP            | Medium economic polarisation                            |
| MFTA           | Mediterranean Free Trade Area                           |
| MLE            | Mean Life Expectancy                                    |
| MOLAND         | Monitoring Land Use / Cover Dynamics                    |
| MRDL           | mean remaining duration of life                         |
| NSR            | North Sea Region  |
| NWE            | North-West Europe                                       |
| OGS            | Open GIS Consortium                                     |
| OLS            | Ordinary Least-Squares                                  |
| PACs           | Potential Accession Countries                           |
| PIA            | Polycentric Integration Area                            |
| PPM            | parts per million                                       |
| PPPs           | Purchasing power parities                               |
| PRB            | Population Reference Bureau                             |
| PUSH           | Potential Urban Strategic Horizon (Area)                |
| RCE            | Regional Classification of Europe                       |
| SGM            | Standard Gross Margin                                   |
| SGM            | Share of gross margin                                   |

|                     |   |
|---------------------|---|
| SII                 | Summary Innovation Index  |
| SPESP               | Study Programme on European Spatial Planning  |
| TENs                | Trans-European Networks   |
| TEN-STAC<br>Network | Scenarios, Traffic Forecasts, and Analyses of Corridors on the Trans-European Transport |
| TFR                 | Total fertility rate  |
| TIA                 | Territorial Impact Assessment   |
| TPG                 | Transnational Project Group   |
| UAA                 | Utilised agricultural area  |
| UNDP                | United Nations Development Programme  |
| UNECE               | United Nations Economic Commission for Europe   |
| UNPP                | United Nations Population Prospect  |
| USPTO               | US Patent and Trademark Office  |
| WTO                 | World Trade Organization  |

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## List of indicators developed and datasets provided to the ESPON Database

| Model 3.2 | Variable name   | Regional reference | Time reference | Source of data |
|-----------|---|--------------------|----------------|----------------|
| ISDD      | Median age (years)  | NUTS2              | 2000           | UMS RIATE      |
| ISDD      | Life expectancy at birth (years)  | NUTS2              | 2000           | UMS RIATE      |
| ISDD      | Index of sustainable demographic development                                  | NUTS2              | 2000           | UMS RIATE      |
| ISDD      | Median age, estimation baseline scenario (years)                              | NUTS2              | 2015           | UMS RIATE      |
| ISDD      | Life expectancy at birth, estimation baseline scenario (years)                | NUTS2              | 2015           | UMS RIATE      |
| ISDD      | Median age, estimation baseline scenario (years)                              | NUTS2              | 2030           | UMS RIATE      |
| ISDD      | Life expectancy at birth, estimation baseline scenario (years)                | NUTS2              | 2030           | UMS RIATE      |
| ISDD      | Median age, estimation cohesion scenario (years)                              | NUTS2              | 2015           | UMS RIATE      |
| ISDD      | Life expectancy at birth, estimation cohesion scenario (years)                | NUTS2              | 2015           | UMS RIATE      |
| ISDD      | Median age, estimation cohesion scenario (years)                              | NUTS2              | 2030           | UMS RIATE      |
| ISDD      | Life expectancy at birth, estimation cohesion scenario (years)                | NUTS2              | 2030           | UMS RIATE      |
| ISDD      | Median age, estimation competitive scenario (years)                           | NUTS2              | 2015           | UMS RIATE      |
| ISDD      | Life expectancy at birth, estimation competitive scenario (years)             | NUTS2              | 2015           | UMS RIATE      |
| ISDD      | Median age, estimation competitive scenario (years)                           | NUTS2              | 2030           | UMS RIATE      |
| ISDD      | Life expectancy at birth, estimation competitive scenario (years)             | NUTS2              | 2030           | UMS RIATE      |
| ISDD      | Index of sustainable demographic development, estimation baseline scenario    | NUTS2              | 2015           | UMS RIATE      |
| ISDD      | Index of sustainable demographic development, estimation baseline scenario    | NUTS2              | 2030           | UMS RIATE      |
| ISDD      | Index of sustainable demographic development, estimation cohesion scenario    | NUTS2              | 2015           | UMS RIATE      |
| ISDD      | Index of sustainable demographic development, estimation cohesion scenario    | NUTS2              | 2030           | UMS RIATE      |
| ISDD      | Index of sustainable demographic development, estimation competitive scenario | NUTS2              | 2015           | UMS RIATE      |
| ISDD      | Index of sustainable demographic development, estimation competitive scenario | NUTS2              | 2030           | UMS RIATE      |
| KTEN      | Main road length 2000   | NUTS 2, 3          | 2000           | MCRIT          |
| KTEN      | Express road length 2000  | NUTS 2, 3          | 2000           | MCRIT          |
| KTEN      | Motorway length 2000  | NUTS 2, 3          | 2000           | MCRIT          |
| KTEN      | Main rail length 2000   | NUTS 2, 3          | 2000           | MCRIT          |
| KTEN      | High speed rail length 2000   | NUTS 2, 3          | 2000           | MCRIT          |
| KTEN      | Inland waterway length 2000   | NUTS 2, 3          | 2000           | MCRIT          |

|      |   |           |      |       |
|------|---|-----------|------|-------|
| KTEN | Main road length baseline 2015          | NUTS 2, 3 | 2015 | MCRIT |
| KTEN | Express road length baseline 2015       | NUTS 2, 3 | 2015 | MCRIT |
| KTEN | Motorway length baseline 2015           | NUTS 2, 3 | 2015 | MCRIT |
| KTEN | Main rail length baseline 2015          | NUTS 2, 3 | 2015 | MCRIT |
| KTEN | High speed rail length baseline 2015    | NUTS 2, 3 | 2015 | MCRIT |
| KTEN | Inland waterway length baseline 2015    | NUTS 2, 3 | 2015 | MCRIT |
| KTEN | Main road length cohesive 2015          | NUTS 2, 3 | 2015 | MCRIT |
| KTEN | Express road length cohesive 2015       | NUTS 2, 3 | 2015 | MCRIT |
| KTEN | Motorway length cohesive 2015           | NUTS 2, 3 | 2015 | MCRIT |
| KTEN | Main rail length cohesive 2015          | NUTS 2, 3 | 2015 | MCRIT |
| KTEN | High speed rail length cohesive 2015    | NUTS 2, 3 | 2015 | MCRIT |
| KTEN | Inland waterway length cohesive 2015    | NUTS 2, 3 | 2015 | MCRIT |
| KTEN | Main road length competitive 2015       | NUTS 2, 3 | 2015 | MCRIT |
| KTEN | Express road length competitive 2015    | NUTS 2, 3 | 2015 | MCRIT |
| KTEN | Motorway length competitive 2015        | NUTS 2, 3 | 2015 | MCRIT |
| KTEN | Main rail length competitive 2015       | NUTS 2, 3 | 2015 | MCRIT |
| KTEN | High speed rail length competitive 2015 | NUTS 2, 3 | 2015 | MCRIT |
| KTEN | Inland waterway length competitive 2015 | NUTS 2, 3 | 2015 | MCRIT |
| KTEN | Main road length baseline 2030          | NUTS 2, 3 | 2030 | MCRIT |
| KTEN | Express road length baseline 2030       | NUTS 2, 3 | 2030 | MCRIT |
| KTEN | Motorway length baseline 2030           | NUTS 2, 3 | 2030 | MCRIT |
| KTEN | Main rail length baseline 2030          | NUTS 2, 3 | 2030 | MCRIT |
| KTEN | High speed rail length baseline 2030    | NUTS 2, 3 | 2030 | MCRIT |
| KTEN | Inland waterway length baseline 2030    | NUTS 2, 3 | 2030 | MCRIT |
| KTEN | Main road length cohesive 2030          | NUTS 2, 3 | 2030 | MCRIT |
| KTEN | Express road length cohesive 2030       | NUTS 2, 3 | 2030 | MCRIT |
| KTEN | Motorway length cohesive 2030           | NUTS 2, 3 | 2030 | MCRIT |
| KTEN | Main rail length cohesive 2030          | NUTS 2, 3 | 2030 | MCRIT |
| KTEN | High speed rail length cohesive 2030    | NUTS 2, 3 | 2030 | MCRIT |
| KTEN | Inland waterway length cohesive 2030    | NUTS 2, 3 | 2030 | MCRIT |
| KTEN | Main road length competitive 2030       | NUTS 2, 3 | 2030 | MCRIT |
| KTEN | Express road length competitive 2030    | NUTS 2, 3 | 2030 | MCRIT |
| KTEN | Motorway length competitive 2030        | NUTS 2, 3 | 2030 | MCRIT |
| KTEN | Main rail length competitive 2030       | NUTS 2, 3 | 2030 | MCRIT |

|      |   |           |      |       |
|------|---|-----------|------|-------|
| KTEN | High speed rail length competitive 2030     | NUTS 2, 3 | 2030 | MCRIT |
| KTEN | Inland waterway length competitive 2030     | NUTS 2, 3 | 2030 | MCRIT |
| KTEN | Road investment baseline 2015               | NUTS 2, 3 | 2015 | MCRIT |
| KTEN | Road investment cohesive 2015               | NUTS 2, 3 | 2015 | MCRIT |
| KTEN | Road investment competitive 2015            | NUTS 2, 3 | 2015 | MCRIT |
| KTEN | Road investment baseline 2030               | NUTS 2, 3 | 2030 | MCRIT |
| KTEN | Road investment cohesive 2030               | NUTS 2, 3 | 2030 | MCRIT |
| KTEN | Road investment competitive 2030            | NUTS 2, 3 | 2030 | MCRIT |
| KTEN | Rail investment baseline 2015               | NUTS 2, 3 | 2015 | MCRIT |
| KTEN | Rail investment cohesive 2015               | NUTS 2, 3 | 2015 | MCRIT |
| KTEN | Rail investment competitive 2015            | NUTS 2, 3 | 2015 | MCRIT |
| KTEN | Rail investment baseline 2030               | NUTS 2, 3 | 2030 | MCRIT |
| KTEN | Rail investment cohesive 2030               | NUTS 2, 3 | 2030 | MCRIT |
| KTEN | Rail investment competitive 2030            | NUTS 2, 3 | 2030 | MCRIT |
| KTEN | Inland waterway investment baseline 2015    | NUTS 2, 3 | 2015 | MCRIT |
| KTEN | Inland waterway investment cohesive 2015    | NUTS 2, 3 | 2015 | MCRIT |
| KTEN | Inland waterway investment competitive 2015 | NUTS 2, 3 | 2015 | MCRIT |
| KTEN | Inland waterway investment baseline 2030    | NUTS 2, 3 | 2030 | MCRIT |
| KTEN | Inland waterway investment cohesive 2030    | NUTS 2, 3 | 2030 | MCRIT |
| KTEN | Inland waterway investment competitive 2030 | NUTS 2, 3 | 2030 | MCRIT |
| KTEN | Infrastructure investment baseline 2015     | NUTS 2, 3 | 2015 | MCRIT |
| KTEN | Infrastructure investment cohesive 2015     | NUTS 2, 3 | 2015 | MCRIT |
| KTEN | Infrastructure investment competitive 2015  | NUTS 2, 3 | 2015 | MCRIT |
| KTEN | Infrastructure investment baseline 2030     | NUTS 2, 3 | 2030 | MCRIT |
| KTEN | Infrastructure investment cohesive 2030     | NUTS 2, 3 | 2030 | MCRIT |
| KTEN | Infrastructure investment competitive 2030  | NUTS 2, 3 | 2030 | MCRIT |
| KTEN | Road freight traffic 2000                   | NUTS 2, 3 | 2000 | MCRIT |
| KTEN | Road freight traffic baseline 2015          | NUTS 2, 3 | 2015 | MCRIT |
| KTEN | Road freight traffic cohesive 2015          | NUTS 2, 3 | 2015 | MCRIT |
| KTEN | Road freight traffic competitive 2015       | NUTS 2, 3 | 2015 | MCRIT |
| KTEN | Road freight traffic baseline 2030          | NUTS 2, 3 | 2030 | MCRIT |
| KTEN | Road freight traffic cohesive 2030          | NUTS 2, 3 | 2030 | MCRIT |
| KTEN | Road freight traffic competitive 2030       | NUTS 2, 3 | 2030 | MCRIT |
| KTEN | Rail freight traffic 2000                   | NUTS 2, 3 | 2000 | MCRIT |

|      |  |           |      |       |
|------|--|-----------|------|-------|
| KTEN | Rail freight traffic baseline 2015               | NUTS 2, 3 | 2015 | MCRIT |
| KTEN | Rail freight traffic cohesive 2015               | NUTS 2, 3 | 2015 | MCRIT |
| KTEN | Rail freight traffic competitive 2015            | NUTS 2, 3 | 2015 | MCRIT |
| KTEN | Rail freight traffic baseline 2030               | NUTS 2, 3 | 2030 | MCRIT |
| KTEN | Rail freight traffic cohesive 2030               | NUTS 2, 3 | 2030 | MCRIT |
| KTEN | Rail freight traffic competitive 2030            | NUTS 2, 3 | 2030 | MCRIT |
| KTEN | Inland waterway freight traffic 2000             | NUTS 2, 3 | 2000 | MCRIT |
| KTEN | Inland waterway freight traffic baseline 2015    | NUTS 2, 3 | 2015 | MCRIT |
| KTEN | Inland waterway freight traffic cohesive 2015    | NUTS 2, 3 | 2015 | MCRIT |
| KTEN | Inland waterway freight traffic competitive 2015 | NUTS 2, 3 | 2015 | MCRIT |
| KTEN | Inland waterway freight traffic baseline 2030    | NUTS 2, 3 | 2030 | MCRIT |
| KTEN | Inland waterway freight traffic cohesive 2030    | NUTS 2, 3 | 2030 | MCRIT |
| KTEN | Inland waterway freight traffic competitive 2030 | NUTS 2, 3 | 2030 | MCRIT |
| KTEN | Total freight traffic 2000                       | NUTS 2, 3 | 2000 | MCRIT |
| KTEN | Total freight traffic baseline 2015              | NUTS 2, 3 | 2015 | MCRIT |
| KTEN | Total freight traffic cohesive 2015              | NUTS 2, 3 | 2015 | MCRIT |
| KTEN | Total freight traffic competitive 2015           | NUTS 2, 3 | 2015 | MCRIT |
| KTEN | Total freight traffic baseline 2030              | NUTS 2, 3 | 2030 | MCRIT |
| KTEN | Total freight traffic cohesive 2030              | NUTS 2, 3 | 2030 | MCRIT |
| KTEN | Total freight traffic competitive 2030           | NUTS 2, 3 | 2030 | MCRIT |
| KTEN | Road passenger traffic 2000                      | NUTS 2, 3 | 2000 | MCRIT |
| KTEN | Road passenger traffic baseline 2015             | NUTS 2, 3 | 2015 | MCRIT |
| KTEN | Road passenger traffic cohesive 2015             | NUTS 2, 3 | 2015 | MCRIT |
| KTEN | Road passenger traffic competitive 2015          | NUTS 2, 3 | 2015 | MCRIT |
| KTEN | Road passenger traffic baseline 2030             | NUTS 2, 3 | 2030 | MCRIT |
| KTEN | Road passenger traffic cohesive 2030             | NUTS 2, 3 | 2030 | MCRIT |
| KTEN | Road passenger traffic competitive 2030          | NUTS 2, 3 | 2030 | MCRIT |
| KTEN | Rail passenger traffic 2000                      | NUTS 2, 3 | 2000 | MCRIT |
| KTEN | Rail passenger traffic baseline 2015             | NUTS 2, 3 | 2015 | MCRIT |
| KTEN | Rail passenger traffic cohesive 2015             | NUTS 2, 3 | 2015 | MCRIT |
| KTEN | Rail passenger traffic competitive 2015          | NUTS 2, 3 | 2015 | MCRIT |
| KTEN | Rail passenger traffic baseline 2030             | NUTS 2, 3 | 2030 | MCRIT |
| KTEN | Rail passenger traffic cohesive 2030             | NUTS 2, 3 | 2030 | MCRIT |
| KTEN | Rail passenger traffic competitive 2030          | NUTS 2, 3 | 2030 | MCRIT |



|      |   |           |      |       |
|------|---|-----------|------|-------|
| KTEN | Total passenger traffic 2000                | NUTS 2, 3 | 2000 | MCRIT |
| KTEN | Total passenger traffic baseline 2015       | NUTS 2, 3 | 2015 | MCRIT |
| KTEN | Total passenger traffic cohesive 2015       | NUTS 2, 3 | 2015 | MCRIT |
| KTEN | Total passenger traffic competitive 2015    | NUTS 2, 3 | 2015 | MCRIT |
| KTEN | Total passenger traffic baseline 2030       | NUTS 2, 3 | 2030 | MCRIT |
| KTEN | Total passenger traffic cohesive 2030       | NUTS 2, 3 | 2030 | MCRIT |
| KTEN | Total passenger traffic competitive 2030    | NUTS 2, 3 | 2030 | MCRIT |
| KTEN | TEN road length 2000                        | NUTS 2, 3 | 2000 | MCRIT |
| KTEN | TEN road length baseline 2015               | NUTS 2, 3 | 2015 | MCRIT |
| KTEN | TEN road length cohesive 2015               | NUTS 2, 3 | 2015 | MCRIT |
| KTEN | TEN road length competitive 2015            | NUTS 2, 3 | 2015 | MCRIT |
| KTEN | TEN road length baseline 2030               | NUTS 2, 3 | 2030 | MCRIT |
| KTEN | TEN road length cohesive 2030               | NUTS 2, 3 | 2030 | MCRIT |
| KTEN | TEN road length competitive 2030            | NUTS 2, 3 | 2030 | MCRIT |
| KTEN | TEN rail length 2000                        | NUTS 2, 3 | 2000 | MCRIT |
| KTEN | TEN rail length baseline 2015               | NUTS 2, 3 | 2015 | MCRIT |
| KTEN | TEN rail length cohesive 2015               | NUTS 2, 3 | 2015 | MCRIT |
| KTEN | TEN rail length competitive 2015            | NUTS 2, 3 | 2015 | MCRIT |
| KTEN | TEN rail length baseline 2030               | NUTS 2, 3 | 2030 | MCRIT |
| KTEN | TEN rail length cohesive 2030               | NUTS 2, 3 | 2030 | MCRIT |
| KTEN | TEN rail length competitive 2030            | NUTS 2, 3 | 2030 | MCRIT |
| KTEN | TEN inland waterway length 2000             | NUTS 2, 3 | 2000 | MCRIT |
| KTEN | TEN inland waterway length baseline 2015    | NUTS 2, 3 | 2015 | MCRIT |
| KTEN | TEN inland waterway length cohesive 2015    | NUTS 2, 3 | 2015 | MCRIT |
| KTEN | TEN inland waterway length competitive 2015 | NUTS 2, 3 | 2015 | MCRIT |
| KTEN | TEN inland waterway length baseline 2030    | NUTS 2, 3 | 2030 | MCRIT |
| KTEN | TEN inland waterway length cohesive 2030    | NUTS 2, 3 | 2030 | MCRIT |
| KTEN | TEN inland waterway length competitive 2030 | NUTS 2, 3 | 2030 | MCRIT |
| KTEN | Road CO2 emissions 2000                     | NUTS 2, 3 | 2000 | MCRIT |
| KTEN | Road CO2 emissions baseline 2015            | NUTS 2, 3 | 2015 | MCRIT |
| KTEN | Road CO2 emissions cohesive 2015            | NUTS 2, 3 | 2015 | MCRIT |
| KTEN | Road CO2 emissions competitive 2015         | NUTS 2, 3 | 2015 | MCRIT |
| KTEN | Road CO2 emissions baseline 2030            | NUTS 2, 3 | 2030 | MCRIT |
| KTEN | Road CO2 emissions cohesive 2030            | NUTS 2, 3 | 2030 | MCRIT |

|      |  |           |      |       |
|------|--|-----------|------|-------|
| KTEN | Road CO2 emissions competitive 2030                          | NUTS 2, 3 | 2030 | MCRIT |
| KTEN | Accessibility as mean travel cost 2000                       | NUTS 2    | 2000 | MCRIT |
| KTEN | Accessibility as mean travel cost baseline 2015              | NUTS 2    | 2015 | MCRIT |
| KTEN | Accessibility as mean travel cost cohesive 2015              | NUTS 2    | 2030 | MCRIT |
| KTEN | Accessibility as mean travel cost competitive 2015           | NUTS 2    | 2015 | MCRIT |
| KTEN | Accessibility as mean travel cost baseline 2030              | NUTS 2    | 2030 | MCRIT |
| KTEN | Accessibility as mean travel cost cohesive 2030              | NUTS 2    | 2015 | MCRIT |
| KTEN | Accessibility as mean travel cost competitive 2030           | NUTS 2    | 2030 | MCRIT |
| KTEN | Accessible population at less than 10 hours 2000             | NUTS 2    | 2000 | MCRIT |
| KTEN | Accessible population at less than 10 hours baseline 2015    | NUTS 2    | 2000 | MCRIT |
| KTEN | Accessible population at less than 10 hours cohesive 2015    | NUTS 2    | 2015 | MCRIT |
| KTEN | Accessible population at less than 10 hours competitive 2015 | NUTS 2    | 2015 | MCRIT |
| KTEN | Accessible population at less than 10 hours baseline 2030    | NUTS 2    | 2015 | MCRIT |
| KTEN | Accessible population at less than 10 hours cohesive 2030    | NUTS 2    | 2015 | MCRIT |
| KTEN | Accessible population at less than 10 hours competitive 2030 | NUTS 2    | 2015 | MCRIT |
| KTEN | Accessible GDP at less than 10 hours 2000                    | NUTS 2    | 2015 | MCRIT |
| KTEN | Accessible GDP at less than 10 hours baseline 2015           | NUTS 2    | 2030 | MCRIT |
| KTEN | Accessible GDP at less than 10 hours cohesive 2015           | NUTS 2    | 2030 | MCRIT |
| KTEN | Accessible GDP at less than 10 hours competitive 2015        | NUTS 2    | 2030 | MCRIT |
| KTEN | Accessible GDP at less than 10 hours baseline 2030           | NUTS 2    | 2030 | MCRIT |
| KTEN | Accessible GDP at less than 10 hours cohesive 2030           | NUTS 2    | 2030 | MCRIT |
| KTEN | Accessible GDP at less than 10 hours competitive 2030        | NUTS 2    | 2030 | MCRIT |
| KTEN | Road freight modal share 2000                                | NUTS 3    | 2000 | MCRIT |
| KTEN | Rail freight modal share 2000                                | NUTS 3    | 2000 | MCRIT |
| KTEN | Inland waterway freight modal share 2000                     | NUTS 3    | 2000 | MCRIT |
| KTEN | Road passenger modal share 2000                              | NUTS 3    | 2000 | MCRIT |
| KTEN | Rail passenger modal share 2000                              | NUTS 3    | 2000 | MCRIT |
| KTEN | Road freight modal share baseline 2015                       | NUTS 3    | 2015 | MCRIT |
| KTEN | Rail freight modal share baseline 2015                       | NUTS 3    | 2015 | MCRIT |
| KTEN | Inland waterway freight modal share baseline 2015            | NUTS 3    | 2015 | MCRIT |
| KTEN | Road passenger modal share baseline 2015                     | NUTS 3    | 2015 | MCRIT |
| KTEN | Rail passenger modal share baseline 2015                     | NUTS 3    | 2015 | MCRIT |
| KTEN | Road freight modal share cohesive 2015                       | NUTS 3    | 2015 | MCRIT |
| KTEN | Rail freight modal share cohesive 2015                       | NUTS 3    | 2015 | MCRIT |

|      |  |        |      |       |
|------|--|--------|------|-------|
| KTEN | Inland waterway freight modal share cohesive 2015    | NUTS 3 | 2015 | MCRIT |
| KTEN | Road passenger modal share cohesive 2015             | NUTS 3 | 2015 | MCRIT |
| KTEN | Rail passenger modal share cohesive 2015             | NUTS 3 | 2015 | MCRIT |
| KTEN | Road freight modal share competitive 2015            | NUTS 3 | 2015 | MCRIT |
| KTEN | Rail freight modal share competitive 2015            | NUTS 3 | 2015 | MCRIT |
| KTEN | Inland waterway freight modal share competitive 2015 | NUTS 3 | 2015 | MCRIT |
| KTEN | Road passenger modal share competitive 2015          | NUTS 3 | 2015 | MCRIT |
| KTEN | Rail passenger modal share competitive 2015          | NUTS 3 | 2015 | MCRIT |
| KTEN | Road freight modal share baseline 2030               | NUTS 3 | 2030 | MCRIT |
| KTEN | Rail freight modal share baseline 2030               | NUTS 3 | 2030 | MCRIT |
| KTEN | Inland waterway freight modal share baseline 2030    | NUTS 3 | 2030 | MCRIT |
| KTEN | Road passenger modal share baseline 2030             | NUTS 3 | 2030 | MCRIT |
| KTEN | Rail passenger modal share baseline 2030             | NUTS 3 | 2030 | MCRIT |
| KTEN | Road freight modal share cohesive 2030               | NUTS 3 | 2030 | MCRIT |
| KTEN | Rail freight modal share cohesive 2030               | NUTS 3 | 2030 | MCRIT |
| KTEN | Inland waterway freight modal share cohesive 2030    | NUTS 3 | 2030 | MCRIT |
| KTEN | Road passenger modal share cohesive 2030             | NUTS 3 | 2030 | MCRIT |
| KTEN | Rail passenger modal share cohesive 2030             | NUTS 3 | 2030 | MCRIT |
| KTEN | Road freight modal share competitive 2030            | NUTS 3 | 2030 | MCRIT |
| KTEN | Rail freight modal share competitive 2030            | NUTS 3 | 2030 | MCRIT |
| KTEN | Inland waterway freight modal share competitive 2030 | NUTS 3 | 2030 | MCRIT |
| KTEN | Road passenger modal share competitive 2030          | NUTS 3 | 2030 | MCRIT |
| KTEN | Rail passenger modal share competitive 2030          | NUTS 3 | 2030 | MCRIT |
| KTEN | Passenger flow 2000                                  | NUTS 3 | 2000 | MCRIT |
| KTEN | Passenger flow baseline 2015                         | NUTS 3 | 2015 | MCRIT |
| KTEN | Passenger flow cohesive 2015                         | NUTS 3 | 2015 | MCRIT |
| KTEN | Passenger flow competitive 2015                      | NUTS 3 | 2015 | MCRIT |
| KTEN | Passenger flow baseline 2030                         | NUTS 3 | 2030 | MCRIT |
| KTEN | Passenger flow cohesive 2030                         | NUTS 3 | 2030 | MCRIT |
| KTEN | Passenger flow competitive 2030                      | NUTS 3 | 2030 | MCRIT |
| KTEN | Freight flow 2000                                    | NUTS 3 | 2000 | MCRIT |
| KTEN | Freight flow baseline 2015                           | NUTS 3 | 2015 | MCRIT |
| KTEN | Freight flow cohesive 2015                           | NUTS 3 | 2015 | MCRIT |
| KTEN | Freight flow competitive 2015                        | NUTS 3 | 2015 | MCRIT |

|       |   |        |      |                            |
|-------|---|--------|------|----------------------------|
| KTEN  | Freight flow baseline 2030  | NUTS 3 | 2030 | MCRIT                      |
| KTEN  | Freight flow cohesive 2030  | NUTS 3 | 2030 | MCRIT                      |
| KTEN  | Freight flow competitive 2030   | NUTS 3 | 2030 | MCRIT                      |
| MASST | GDP 2015 Baseline scenario  | NUTS 2 | 2015 | Politecnico di Milano, DIG |
| MASST | GDP 2015 Difference between Cohesive and Baseline scenarios   | NUTS 2 | 2015 | Politecnico di Milano, DIG |
| MASST | GDP 2015 Difference between Competitive and Baseline scenarios  | NUTS 2 | 2015 | Politecnico di Milano, DIG |
| MASST | Average yearly % cumulative growth rate 2003-2015 - Baseline scenario                                     | NUTS 2 | 2015 | Politecnico di Milano, DIG |
| MASST | Average yearly % cumulative growth rate 2003-2015 - Difference between Cohesive and Baseline scenarios    | NUTS 2 | 2015 | Politecnico di Milano, DIG |
| MASST | Average yearly % cumulative growth rate 2003-2015 - Difference between Competitive and Baseline scenarios | NUTS 2 | 2015 | Politecnico di Milano, DIG |

- **EUROSTAT update**

| <b>Variable name</b>                            | <b>Regional reference</b> | <b>Time reference</b> | <b>Source</b> | <b>NUTS Version</b> |
|---|---------------------------|-----------------------|---------------|---------------------|
| Area in km2, 2003                               | NUTS 0, 1, 2, 3           | 2003                  | Eurostat      | 2003                |
| Population (01.01.) by agegroups                | NUTS 2                    | 1995 - 2004           | Eurostat      | 2003                |
| Average Population                              | NUTS 3                    | 1990 - 2003           | Eurostat      | 2003                |
| Population density                              | NUTS 3                    | 1995 - 2002           | Eurostat      | 2003                |
| Economically active population by sex           | NUTS 2                    | 1999 - 2004           | Eurostat LFS  | 2003                |
| Economically active population by education     | NUTS 2                    | 1999 - 2004           | Eurostat LFS  | 2003                |
| Economic activity rate                          | NUTS 2                    | 1999 - 2004           | Eurostat LFS  | 2003                |
| Employed persons by NACE branches               | NUTS 2                    | 1999 - 2004           | Eurostat LFS  | 2003                |
| Employed persons by education                   | NUTS 2                    | 1999 - 2004           | Eurostat LFS  | 2003                |
| Employed persons by professional status         | NUTS 2                    | 1999 - 2004           | Eurostat LFS  | 2003                |
| Employment rate by sex                          | NUTS 2                    | 1999 - 2002           | Eurostat LFS  | 2003                |
| Persons employed by sex                         | NUTS 2                    | 1999 - 2004           | Eurostat LFS  | 2003                |
| Long-term unemployment rate                     | NUTS 2                    | 1999 - 2003           | Eurostat LFS  | 2003                |
| Long-term unemployment, absolut number          | NUTS 2                    | 1999 - 2003           | Eurostat LFS  | 2003                |
| GDP in Millions of Euro                         | NUTS 0, 1, 2, 3           | 1995 - 2003           | Eurostat      | 2003                |
| GDP in Millions of Purchasing Power Parities    | NUTS 0, 1, 2, 3           | 1995 - 2003           | Eurostat      | 2003                |
| GDP in Purchasing Power Parities per inhabitant | NUTS 0, 1, 2, 3           | 1995 - 2003           | Eurostat      | 2003                |
| GDP in Euro per inhabitant                      | NUTS 0, 1, 2, 3           | 1995 - 2003           | Eurostat      | 2003                |
| Participation in life-long learning             | NUTS 2                    | 1999 - 2004           | Eurostat LFS  | 2003                |

## Number of performance indicators achieved

|   |     |
|---|-----|
| Number of spatial indicators developed:               |     |
| • in total  | 241 |
| covering  |     |
| • the EU territory                                    | 241 |
| • more than the EU territory                          |     |
| Number of spatial indicators applied:                 |     |
| • in total  | 241 |
| covering  |     |
| • the EU territory                                    | 241 |
| • more than the EU territory                          |     |
| Number of spatial concepts defined                    | 0   |
| Number of spatial typologies tested                   | 0   |
| Number of EU maps produced                            | 217 |
| Number of ESDP policy options addressed in that field | all |