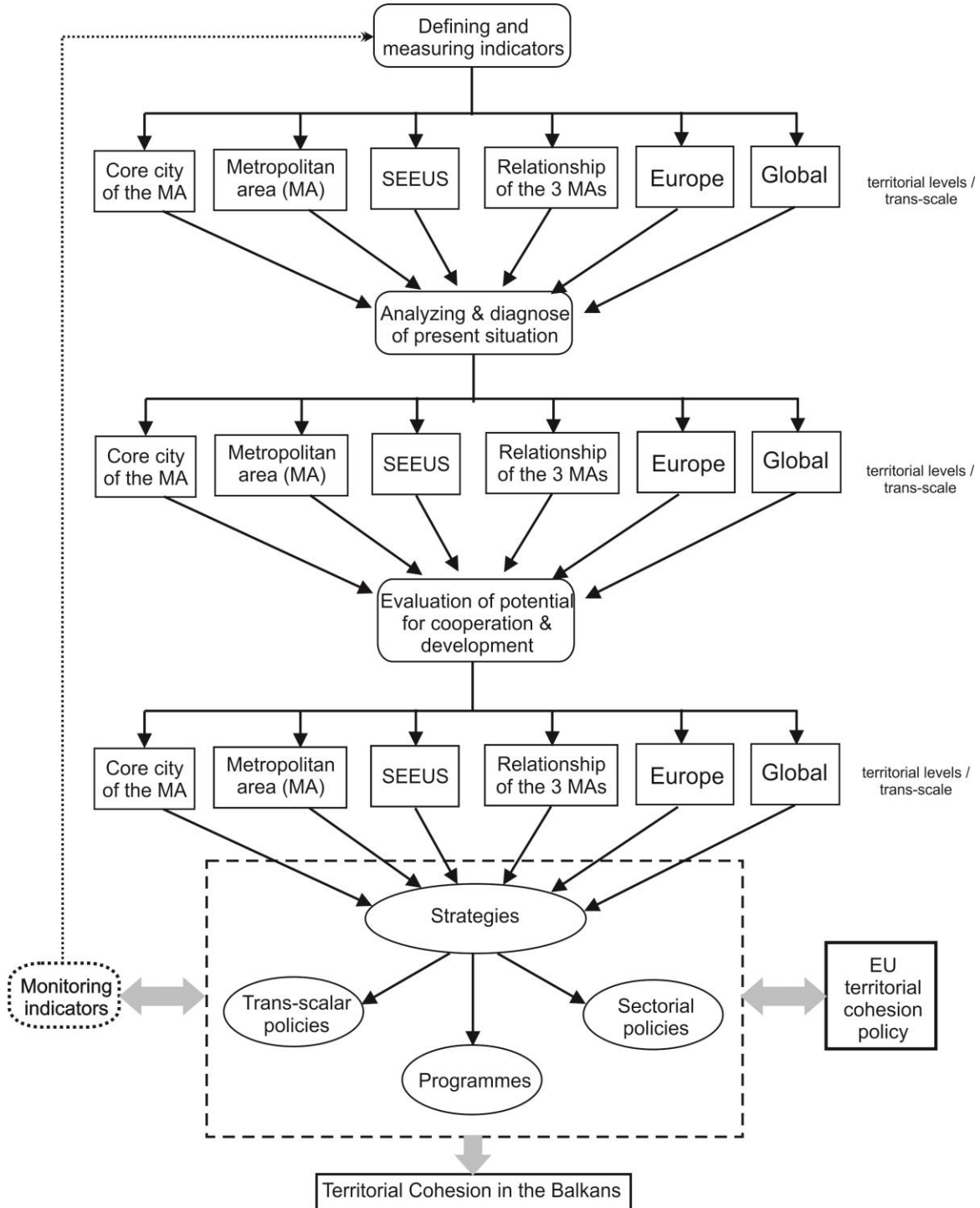


ANNEX I

General methodological scheme of the project



ANNEX II

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ANNEX III – List of GROSEE Indicators

1. Competitiveness

Sub-themes	Headline indicators	Indicator	Source of indicator	5th Coh. Rep.*	Source of data	Europe 2020 target
GDP, FDI, Income	Headline	GDP per capita in PPS	INTERCO		Eurostat	
		GDP, in PPS per inhabitant, in percentage of the EU average	Eurostat		Eurostat	
		GDP in Euros, per capita	Eurostat		Eurostat	
		GDP, in Euros, in percentage of the EU average per inhabitant	Eurostat		Eurostat	
	Headline	Dispersion of regional GDP per inhabitant	Eurostat		Eurostat	
		Gross Value Added (GVA)	Eurostat		Eurostat	
		Real growth rate of regional Gross Value Added (GVA)	Eurostat		Eurostat	
		Turnover for enterprises by activity sectors	Eurostat		National data - Eurostat	
		Gross Fixed Capital Formation	Eurostat		Eurostat	
	Headline	FDI / Foreign direct investments (per inhabitant)	INTERCO		Eurostat	
	Headline	Income / Disposable household income	Eurostat		Eurostat	
		Tourism intensity	Eurostat		Eurostat	
		Arrivals in tourist accommodation establishments	Eurostat		Eurostat	
		Number of establishments, bedrooms and bed-places	Eurostat		Eurostat	
	employment		Total employment	Eurostat		Eurostat

Sub-themes	Headline indicators	Indicator	Source of indicator	5th Coh. Rep.*	Source of data	Europe 2020 target
		Total employment rates by sex and age (%)			Eurostat	
	Headline	Employment rate by sex, age group 20-64	Eurostat / Europe 2020 headline		Eurostat / Europe 2020	75% of the population aged 20-64 should be employed
		Balance between female and male employment			Eurostat	
		Employed persons in all NACE	Eurostat		Eurostat	
		Employment by economic activity	Eurostat		Eurostat	
	Headline	Unemployment rates per sex and age (%)	INTERCO (Top ind.)		Eurostat	
		Development of unemployment rate (male, female, young, total, 99-04)	INTERCO		Eurostat	
	Headline	Labour productivity in industry and services	INTERCO (Top ind.)		Eurostat	
		Productivity growth within sectors - Increase in average productivity due to higher productivity within sectors	Eurostat	+	Eurostat	
		Productivity growth through employment shifts between sectors	Eurostat	+	Eurostat	
Technological readiness & Innovation	Headline	Persons aged 30-34 with tertiary education attainment	Eurostat / Europe 2020 headline		Eurostat / Europe 2020	At least 40% of 30-34 years old should have completed a tertiary education
	Headline	Total expenditure on R&D - % of regional GDP	Eurostat / Europe 2020 headline		Eurostat / Europe 2020	3% of expenditure on research and development
		Total intramural R&D expenditure (GERD)	INTERCO (Top ind.)		Eurostat	

Sub-themes	Headline indicators	Indicator	Source of indicator	5th Coh. Rep.*	Source of data	Europe 2020 target
		Human Resources in Science & Technology	Eurostat		Eurostat	
		Employment in technology and knowledge-intensive sectors	Eurostat		Eurostat	
	Headline	Households with broadband access (% of the entire population)	Eurostat / Europe 2020		Eurostat	
	Headline	Households with access to the Internet at home	POLYCE		Eurostat	
Human potential	Headline	Share of early school leavers	Europe 2020 headline			The share of early school leavers should be under 10%

2. Demography, social structure and well-being

Sub-themes	Headline indicators	Indicator	Source of indicator	5th Coh. Rep.*	Source of data	Europe 2020 target
Demography		Annual average population by sex	Eurostat		Eurostat	
		Population by sex and age groups on 1 January	Eurostat		Eurostat	
		Gender imbalances	INTERCO (Top ind.)		Eurostat	
		Ageing index (persons 65+ / persons 0-14)	INTERCO		Eurostat	
	Headline	Old age dependency ratio	INTERCO (Top ind.)		Eurostat	
		Young age dependency ratio				
		Total dependency rate				
		Fertility rate (total and by age)	Eurostat		Eurostat	
	Headline	Life expectancy at birth	INTERCO (Top ind.)		Eurostat	
		Average number of children per women				

Sub-themes	Headline indicators	Indicator	Source of indicator	5th Coh. Rep.*	Source of data	Europe 2020 target
		Number of illegally entered migrants				
	Headline	Net migration rate	INTERCO (Top ind.)		Eurostat	
		Population density	INTERCO / Eurostat		Eurostat	
Social structure & well being	Headline	At persistent risk of Poverty rate (population share with 60% of the national equivalent medium income)	Europe 2020 headline		Eurostat	Reducing the number of people at risk of poverty or exclusion by 20 million in the EU
Provision of services of general interest		Number of doctors by 10.000 inhabitants				

3. Accessibility and connectivity

Sub-themes	Headline indicators	Indicator	Source of indicator	5th Coh. Rep.*	Source of data	Europe 2020 target
Transport flows / traffic, infrastructure, capacity	Headline	Airflights number			Eurostat	
	Headline	Existing Connections – number of trains	ESPON 1.1.1.			
	Headline	Length of motorways	Eurostat		Eurostat	
		Length of railway network, km			Eurostat	
		Length of road network (km)				
		Number of commercial airports				
		Total length of motorways	ESPON Project 1.2.1			
		Traffic in commercial airports (in million passengers/year)				
		Air transport of passengers			Eurostat	
		Air transport of freight*			Eurostat	
		Airports accessibility	FOCI			
		Air transport flows				
		Contactability through one trip day	FOCI			

Sub-themes	Headline indicators	Indicator	Source of indicator	5th Coh. Rep.*	Source of data	Europe 2020 target
		Existing Connections – number of trains – number of flights	ESPON 1.1.1.			
		Connectivity – daily links				
		Motorisation rate				
	Headline	Number of deaths in road accidents (road safety)	Europe 2020			33.8 fatalities per 1 million inhabitants
		Fleet of vehicles of public transport				
		Public transport passenger movements				
		Index of satisfaction with public transport in 2009				
		Share of passenger trips by public transport in the total of passenger trips				
Accessibility to services		Access to industrial zones				
		Access to grocery services				
		Access to hospitals	INTERCO			
		Access to universities	INTERCO			
Urban Transport		Speed				

4. Environment

Sub-themes	Headline indicators	Indicator	Similar indicator from Eurostat	Source of indicator	5th Coh. Rep.*	Source of data	Europe 2020 target
Water, waste		Consumption of water per capita		INTERCO			
		Percentage of treated wastewater					
		Annual wastes amount	Generation and treatment of municipal waste (1 000 t) by NUTS 2	Eurostat		Eurostat	

Sub-themes	Headline indicators	Indicator	Similar indicator from Eurostat	Source of indicator	5th Coh. Rep.*	Source of data	Europe 2020 target
			regions				
	Headline	Percentage of resident population connected to wastewaters collection and treatment systems		Europe 2020			
		Share of population with access to sewage					
		Share of waste recycling					
		Rate of production of household waste					
		Total waste amount					
	Headline	Solid waste collected per inhabitant					
Land use, Environment quality, natural assets		Land cover/land use		INTERCO		Eurostat / CORIN E LC	
		Agricultural areas	Areas harveste, yields, production by NUTS 2 regions			CORIN E LC	
		Surface of landfills				CORIN E LC	
		Percentage of green areas of total urban areas					
Protected areas	Headline	NATURA 2000 area		INTERCO		Eurostat	
Air pollution		Summer Smog: Number of days with ozone (O3) concentrations exceed 120 µg/m3					
		Air quality index					
		Days per year with levels of particulate matter above the					

Sub-themes	Headline indicators	Indicator	Similar indicator from Eurostat	Source of indicator	5th Coh. Rep.*	Source of data	Europe 2020 target
		normal					
		Total volume of emissions of sulphuric oxides					
		Nitrogen oxides					
		Methane emission					
		Carbon dioxide emissions					
Expenses / funding for environment protection		Public expenses for environment protection					
Risks and hazards		Intensity of multiple risks (number of challenges) for European Regions ("Regions 2020")		INTERCO			
		Percentage of surfaces vulnerable to landslides of total surface					
Energy	Headline	Share of renewable energy in gross final energy consumption (and increase needed to meet the 20% target)	Share of renewable energy in gross final energy consumption	Eurostat / Europe 2020 headline / INTERCO		Eurostat	20% of energy from renewables
	Headline			Europe 2020 headline			20% increase in energy efficiency
Climate change		Potential vulnerability to climate change [ESPON Climate]		INTERCO (Top ind.)			
	Headline	Total amount of greenhouse gases		Europe 2020 headline			Greenhouse gas emissions 20% (or even 30%,) lower than 1990

5. Territorial and urban structures and policies

Sub - themes	Headline indicators	INDICATOR	Source of indicator (ESPON projects etc)	5th Coh. Rep.*	Source of data
Cooperation	Headline	Cooperation intensity	INTERCO (Top ind.)		Eurostat
	Headline	Cooperation degree	INTERCO (Top ind.)		
Polycentricity, MEGAs		Population potential within 50 km	INTERCO (Top ind.)		Eurostat
		Student number in CC	Eurostat		Eurostat