Fields targeted by the SOP Environment	Potential context indicators resulting from the SOP ENV analysis	Context indicators targeted by the OP "Infrastructure and Environment" - Poland	Context indicators targeted by the SOP CF-ERDF - Spain	Context indicators targeted by the OP Environment - Slovakia
1. Water sector covers issues like water resources, waste water treatment, public network for water supply, sewage network, pollution of surface and underground waters, water management units	 Percentage of untreated or insufficiently treated wastewater that flows directly into natural receivers Population connected to water and sewage services Percentage of wastewater treatment plants functioning adequately Percentage of urban agglomerations with wastewater treatment plants Length of drinking water supply network Volume of supplied water Percentage of localities endowed with sewerage networks Length of sewerage network Percentage of total wastewater Population affected by intermittent water supply risk Percentage of non-compliant public systems supplying drinking water Average consumption of chemical fertilisers Areas vulnerable from percolation of nitrates to free aquifers 	 Population using water supply network Population using sewage network Loads of pollutants in municipal waste carried away after treatment to waters or to the ground: BOD5, COD, Suspension, General nitrogen, General phosphor 	 Volume of distributed water / capita Volume of treated waste water / volume of collected waste water Volume of treated waste water / capita – day Volume of reused water / capita – day Percentage of water lost in the distribution Average tariffs for urban water supply services Average tariffs for urban water sanitation services Payments for irrigation services in intercommunity water basins (total of groundwater and surface water) Surface waters Annual variation in surface waters Groundwater 	 Population connected to public sewers Percentage of population connected to Waste Water Treatment Plants (WWTP) Share of population supplied with drinking water from public water supply network
2. Waste management and soil protection covers issues like municipal waste generation, management and disposal, management of	 Waste generated yearly, out of which, by source: mining, production, municipal, medical Municipal waste recovered Non-compliant municipal landfills and dumping sites in rural areas Municipal waste generated in EU countries Average annual increase ratio of municipal waste generated 	- Municipal waste collected selectively	 Waste selectively collected / capita Waste selectively collected / total of waste collected Mixed waste / capita Non-hazardous industrial waste / gross added value in industry 	 Waste generation Amount of waste disposal Rate of waste recovery

Fields targeted by the SOP Environment	Potential context indicators resulting from the SOP ENV analysis	Context indicators targeted by the OP "Infrastructure and Environment" - Poland	Context indicators targeted by the SOP CF-ERDF - Spain	Context indicators targeted by the OP Environment - Slovakia
the waste resulting from construction and demolition activities, medical activities, soil pollution and contaminated areas	 Ratio of urban population covered by sanitation services Ratio of rural population covered by sanitation services Medical waste disposed by incineration and through thermal sterilization Non-compliant medical waste treatment installations Surface of polluted soil and contaminated sites 		 Production of urban waste / household Waste collection: glass / mixed waste Waste collection: plastic / mixed waste Waste collection: paper and carton / mixed waste 	
3. Air quality and climate changes covers issues like dust, emission of SO ₂ and NOx, Large Combustion Plants (LCP)	 Pollutant emissions Commitment to emission reduction in accordance with Gothenburg Protocol Consumption of energy from renewable sources Increase of energy efficiency Non-compliant LCP 	No context indicators established	- Emissions of greenhouse effect gases	- Greenhouse gas emissions
4. Nature protection and biodiversity conservation covers issues like natural habitats, species of flora and fauna, protected areas,	 Surface of virgin forests Percentage of natural and seminatural habitats out of country surface Surface covered by Natural Parks, National Parks and Biosphere Reserves 	No context indicators established	- Surface of protected natural areas / total area	- Number of NATURA 2000 declared areas
5. Natural risks covers issues like floods, situation of sea environment and coastal areas	 Victims and material losses of floods Seaside losses due to erosion Endangered and vulnerable species 	- Volume of water stored in artificial reservoirs	No context indicators established	- Area of the territory with flood protection measures

OVERVIEW OF CONTEXT INDICATORS IN OTHER OPERATIONAL PROGRAMMES

1. Operational Programme "Infrastructure and Environment" 2007 - 2013 - Poland

Context indicators were established at the level of Priority Axis, but not all PAs were assigned such indicators. In the table below we only present the PAs for which context indicators were established.

Name of indicator	Measurement Unit	Source	
Priority Axis I - The water and sewage management			
Population using water supply network	Thou. inhabitants	Central Statistical Office (CSO) "Communal Infrastructure"	
Population using sewage network	Thou. inhabitants	CSO "Communal Infrastructure"	
Loads of pollutants in municipal waste carried away after treatment to waters or to the ground: BOD5, COD, Suspension, General nitrogen, General phosphor	Thou. tons/year	CSO "Environment protection"	
Priority Axis II - Waste management and the protection of earth			
Municipal waste collected selectively	%	CSO "Municipal Infrastructure"	
Priority Axis III: Resource management and counteracting environmental risks			
Volume of water stored in artificial reservoirs	m3	Ministry of Environment (MoE)	
Priority Axis IX: Environment-friendly energy infrastructu	re and energy efficier	ncy	
Power of installed electric energy from renewable sources (RSE)	MW	The Energy Regulatory Office (ERO)	
Generation of electric energy from RSE		ERO	
Power of installed electric energy in professional power generating plants (co-generation)	MW	Energy Market Agency (EMA)	
Annual production of bio-components/bio-fuels (excluding bioethanol)	tones	Ministry of Economy (MoEc)	

2. Operational Programme "Cohesion Fund - ERDF" 2007 - 2013 - Spain

Context indicators are established at programme level. The ones related to Environment are included in the next table, divided into two sections: one for environment and one for environment sustainable development.

Name of indicator	Measurement Unit	Source
Environment		
Emissions of greenhouse effect gases*	1990 = 100	World Watch Magazine
Waste selectively collected / capita	Tons / capita	National Institute of Statistics (NIS)
Waste selectively collected / total of waste collected	%	NIS
Mixed waste / capita	Tons / capita	NIS
Non-hazardous industrial waste / gross added value in industry	Tons/mil. EUR	NIS
Production of urban waste / household	Tons/household	Ministry of Environment (MoE)
Waste collection: glass / mixed waste	%	NIS

Waste collection: plastic / mixed waste	%	NIS
Waste collection: paper and carton / mixed waste	%	NIS
Volume of distributed water / capita	m3/capita	NIS
Volume of treated waste water / volume of collected waste water	%	NIS
Volume of treated waste water / capita - day	m3/inhab./day	NIS
Volume of reused water / capita - day	m3/inhab./day	NIS
Percentage of water lost in the distribution	%	NIS
Average tariffs for urban water supply services	EUR/m3	MoE
Average tariffs for urban water sanitation services	EUR/m3	МоЕ
Payments for irrigation services in intercommunity water basins (total of groundwater and surface water)	EUR/m3	МоЕ
Surface of protected natural areas / total area	%	MoE
Investments of enterprises in environment protection / gross added value in industry	%	NIS
Investments of enterprises in environment protection / total gross added value	%	NIS
Environment sustainable development		
Current expenditures of companies for environment protection / no. of companies	EUR/enterprise	NIS
No. of patents related to environment sector / 1000 patents	%	Eurostat
European Patent Office (EPO) patents applications related to environment sector / million inhabitants	no. of applications/mil. inhabitants	Eurostat
Surface waters	Thou. m3	NIS
Annual variation in surface waters	%	NIS
Groundwater	Thou. m3	NIS

^{*}this indicator does not follow the criteria set for the rest of context indicators: unofficial source and periodicity of data publication

3. Operational Programme "Environment" 2007 - 2013 - Slovakia

Context indicators were established at the programme level, as shown in the table below:

Name of indicator	Measurement Unit	Source
Greenhouse gas emissions	Thousand tons CO ₂ eq ¹	Slovak Hydro- meteorological Institute
Waste generation	Million tons	Ministry of Environment (MoE)
Amount of waste disposal	Million tons	MoE
Rate of waste recovery	%	MoE
Population connected to public sewers	number (in thousand)	MoE
Percentage of population connected to Waste Water Treatment Plants (WWTP)	%	МоЕ
Share of population supplied with drinking water from public water supply network	%	МоЕ
Area of the territory with flood protection measures	Sq.km.	MoE
Number of NATURA 2000 declared territories		MoE

 $^{^{\}rm 1}$ Aggregated emissions of greenhouse gas expressed as $\text{CO}_{\rm 2}$ equivalent recalculated using GWP