

**Eurostat: Towards *Environmental pressure indicators for the EU***

*First edition 1999*

Issue	Indicators
<b>Air Pollution</b>	<ul style="list-style-type: none"> <li>• Emissions of nitrogen oxides (NO<sub>x</sub>)</li> <li>• Emissions of non-methane volatile organic compounds (NMVOCs)</li> <li>• Emissions of sulphur dioxides (SO<sub>2</sub>)</li> <li>• Emissions of particles</li> <li>• Consumption of petrol and diesel oil by road vehicles</li> <li>• Primary energy consumption</li> </ul>
<b>Climate change</b>	<ul style="list-style-type: none"> <li>• Emissions of carbon dioxides (CO<sub>2</sub>)</li> <li>• Emissions of methane (CH<sub>4</sub>)</li> <li>• Emissions of nitrous oxides (N<sub>2</sub>O)</li> <li>• Emissions of chlorofluorocarbons (CFCs)</li> <li>• Emissions of nitrogen oxides (NO<sub>x</sub>)</li> <li>• Emissions of sulphur dioxides (SO<sub>2</sub>)</li> </ul>
<b>Loss of biodiversity</b>	<ul style="list-style-type: none"> <li>• Protected area loss, damage and fragmentation</li> <li>• Wetland loss through drainage</li> <li>• Agriculture intensity: area used for intensive arable agriculture</li> <li>• Fragmentation of forests and landscape by roads/intersections</li> <li>• Clearance of natural and semi-natural forested areas</li> <li>• Change in traditional land-use practices</li> </ul>
<b>Marine environment and coastal zones</b>	<ul style="list-style-type: none"> <li>• Eutrophication - discharge of N &amp; P</li> <li>• Fishing pressure</li> <li>• Development along shore</li> <li>• Discharge of heavy metals</li> <li>• Oil pollution at coast and at sea</li> <li>• Discharge of halogenated organic compounds</li> </ul>
<b>Ozone layer depletion</b>	<ul style="list-style-type: none"> <li>• Emissions of bromofluorocarbons (halons)</li> <li>• Emissions of chlorofluorocarbons (CFCs)</li> <li>• Emissions of hydrochlorofluorocarbons (HCFCs)</li> <li>• Emissions of nitrogen oxides (NO<sub>x</sub>) by aircraft</li> <li>• Emissions of chlorinated carbons</li> <li>• Emissions of methyl bromide (CH<sub>3</sub>Br)</li> </ul>
<b>Resource depletion</b>	<ul style="list-style-type: none"> <li>• Water consumption</li> <li>• Energy use</li> <li>• Increase in territory permanently occupied by urbanisation</li> <li>• Nutrient balance at soil</li> <li>• Electricity production from fossil fuels</li> <li>• Timber balance</li> </ul>
<b>Dispersion of toxic substances</b>	<ul style="list-style-type: none"> <li>• Consumption of pesticides by agriculture</li> <li>• Emission of persistent organic pollutants (POPs)</li> <li>• Consumption of toxic chemicals</li> <li>• Index of heavy metals emissions to water</li> <li>• Index of heavy metals emissions to air</li> <li>• Emission of radioactive material</li> </ul>

<b>Urban environmental problems</b>	<ul style="list-style-type: none"><li>• Energy consumption</li><li>• Non-recycled municipal waste</li><li>• Non-treated waste water</li><li>• Share of private car transport</li><li>• People endangered by noise emissions</li><li>• Land use (change from natural to built-up land)</li></ul>
<b>Waste</b>	<ul style="list-style-type: none"><li>• Waste landfilled</li><li>• Waste incinerated</li><li>• Hazardous waste generated</li><li>• Municipal waste generated</li><li>• Waste per product during the lifetime of a number of products</li><li>• Waste recycled/material recovered</li></ul>
<b>Water Pollution</b>	<ul style="list-style-type: none"><li>• Nutrient (N+P) use (eutrophication equivalents)</li><li>• Ground water abstraction</li><li>• Pesticide used per hectare of utilised agricultural area</li><li>• Nitrogen quantity used per hectare of utilised agricultural area</li><li>• Water treated/water collected</li><li>• Emission of organic matter as BOD</li></ul>