





Bibliography



D

Bibliography

Introduction	529
Previous state-of-the-environment reports	530
Signals reports	531
Reports 2000–2005, by theme:	
Air pollution	532
Climate change	534
Terrestrial environment and biodiversity	536
Waste and material flows	537
Water	539
Agriculture	542
Energy	543
Transport	544
Other issues	546
Policy measures and instruments	549
Eionet development and information systems, by theme	552
Condensed list of reports 2000–2005, by series:	
Environmental assessment reports (2000–2003)	566
Environmental issue reports (2000–2004)	566
EEA reports (2004–2005)	567
EEA briefings (2003–2005).....	567
Topic reports (2000–2003).....	567
Technical reports (2000–2003)	568
EEA technical reports (2004–2005)	570



Introduction

The EEA founding regulation mandates the Agency 'to publish a report on the state of, trends in and prospects for the environment every five years, supplemented by indicator reports focusing upon specific issues'.

Part D provides an overview of the reports EEA has published since the previous five-year report, *Environment in the European Union at the turn of the century*. It covers all environmental reports issued in the period January 2000 to November 2005 and the electronic version also includes hyperlinks to the products. Corporate reports, such as annual reports and yearly work programmes, as well as promotional brochures, are excluded from this overview.

Until 2003, EEA reports were published in four series: Environmental assessment reports, Environmental issue reports, Topic reports and Technical reports. In 2004, these were replaced by two new series: EEA reports and EEA technical reports. In addition, EEA briefings were introduced in 2003.

Although the EEA continues its publication of indicator reports, the regular indicator reporting is increasingly undertaken via the Internet only. The core set of indicators presented in parts B and C of this report will be regularly updated on the EEA web site.

Most of the reports are presented with either the full or slightly shortened version of the summary text as written at the time of their launch on the web site. Reports that have been published by other organisations under licence agreements with the EEA, and are not available on the EEA web site, are not included in this overview.

The reports are arranged as follows. After presenting all previous state-of-the-environment reports and Signals reports, the reports are listed by theme in line with the groups in the Core set of indicators. Titles that are of a more technical nature and contribute to the development of Eionet and information systems are listed separately at the end. They are also grouped by theme.

Within each theme, the reports are listed chronologically and even though a report cuts across two or more themes it is listed only once. This is contrary to the Report section of the EEA web site where reports are assigned to all the themes they cover. When a report exists in more than one language version, a link is provided to each. Finally, all the reports are listed again in a more condensed list, grouped by the series they belong to.

These reports, and the previous state-of-the-environment reports, establish the knowledge base upon which the present report relies. In addition, the 2005 report is built on nine sub-reports which are in the process of being published. The first three reports are included in this overview, marked as 'Sub-report to the present report'.

The EEA web site (www.eea.eu.int) has a comprehensive list of all the EEA products and services and includes reports issued prior to the period covered by this overview, as well as future productions.

Previous state-of-the-environment reports



Europe's environment: the third assessment

This is the third Pan-European state-of-the-environment report produced by the EEA. It was prepared for the 'Environment for Europe' Ministerial Conference

being held under the auspices of the UN Economic Commission for Europe in Kiev, Ukraine on 21–23 May 2003. This assessment is the most comprehensive up-to-date overview currently available of the state of the environment on this continent.

Published on: 12 May 2003
Environmental assessment report No 10

Languages available: EN RU

Summary available in: BG CS DA DE EL EN ES ET FI FR HU IS IT LT LV NL NO PL PT RO RU SK SL SV TR



Environment in the European Union at the turn of the century

The EEA founding regulation mandates EEA to publish a report on the state of, trends in and prospects for the environment

every five years. This report is published when EEA has operated in Copenhagen for close to five years. Earlier (November 1995), EEA has published *Environment in the European Union 1995* (not available on the web).

Published on: 1 June 1999
Environmental assessment report No 2

Languages available: EN FR IT

Summary available in: DA DE EL EN ES FI FR IS IT NL NO PT SV



Europe's environment: The second assessment

A report on the changes in the Pan-European environment as a follow-up to *Europe's environment – The Dobris assessment (1995)* requested by the environment ministers for the whole of Europe to prepare for

the fourth ministerial conference in Aarhus, Denmark, June 1998.

Published on: 23 June 1998

Languages available: DA DE EL EN ES FI FR IS IT NL NO PT RU SV

Summary available in: DA DE EL EN ES FI FR IS IT NL NO PT RU SV



Europe's environment – The Dobris assessment

This report is a result of more than three years' work following the request of the first Pan-European conference of environment ministers, which took place at

Dobris Castle, near Prague, from 21 to 23 June 1991. This conference called for the preparation of a state-of-the-environment report for Europe and invited the European Commission to take responsibility for the work.

Published on: 12 September 1995

Languages available: EN

Summary available in: DA DE EN ES FI FR IS IT NT NO PT SV

Signals reports



EEA Signals 2004

The 2004 edition of the EEA's regular survey of environmental trends in its member countries covers aspects of agriculture, water pollution, nature protection, packaging waste, energy, transport, air pollution and climate change.

It also provides an environmental perspective on the economic and social situation in Europe, including trends in demography and resource use, in the context of progress towards sustainability.

Published on: 1 June 2004

Languages available: BG CS DA DE EL EN ES ET FI FR HU IS IT LT LV MT NL NO PL PT RO SK SL SV TR



Environmental signals 2002 – Benchmarking the millennium

This, the third of the EEA's Environmental signals reports, provides an insight into the state of Europe's environment and is targeted at high-level

policy-makers in EEA member countries and the EU, as well as the wider public. The publication of this report demonstrates that the annual routine of reporting on the state of the environment, and above all the progress that has been made, is now well established.

Published on: 14 May 2002
Environmental assessment report No 9

Languages available: EN

Summary available in: BG CS DA DE EL EN ES ET FI FR HU IS IT LT LV NL NO PL PT RO SK SL SV



Environmental signals 2001

Environmental signals 2001 is the second issue in the series of regular indicator-based reports produced by the EEA for high-level policy-makers in EEA member countries and the EU. The main aim is to present key

environmental indicators in order to report, on a regular and consistent basis, on progress in a number of policy areas at the European level. The report also presents a benchmark of countries' performance ('name and shame, name and fame').

Published on: 29 May 2001
Environmental assessment report No 8

Languages available: EN

Summary available in: DA DE EL EN ES FI FR IS IT NL NO PT SV



Environmental signals 2000

This first edition of Environmental signals marks the beginning of a new period in reporting on the environment for policy-makers and the public by the EEA.

Previous reports such as *Europe's environment – The second assessment* and *Environment in the European Union at the turn of the century* are comprehensive documents containing detailed information to support the development of strategic, long-term environmental policies and to provide general public information.

Published on: 2 May 2000
Environmental assessment report No 6

Languages available: DE EL EN ES FR IT NL

Air pollution



Air pollution by ozone in Europe in summer 2004

In summer 2004, the levels of ground-level ozone were high in southern Europe with widespread exceedances of the information threshold value (180 µg/m³), based on data submitted to the European

Commission under the EU ozone directive.

Published on: 8 June 2005
Technical report No 3/2005

Languages available: [EN](#)

Previous 'Air pollution by ozone in Europe' reports:

Topic report 3/2003, 28 October 2003 (summer 2003)
Topic report 6/2002, 16 October 2002 (summer 2002)
Topic report 13/2001, 26 October 2001 (summer 2001)
Topic report 1/2001, 28 May 2001 (1999 and summer 2000)
Topic report 10/2000, 20 November 2000 (1998 and summer 1999)



Annual European Community CLRTAP emission inventory 1990–2002

This report is the annual European Community CLRTAP emission inventory presenting the European Community air pollution data from

the years 1990 to 2002.

Published on: 5 January 2005
Technical report No 6/2004

Languages available: [EN](#)

Previous 'EC CLRTAP emission inventory' reports:

Technical report 91, 13 December 2002 (1990–2000)
Technical report 73, 10 June 2002 (1990–1999)
Technical report 52, 13 December 2000 (1980–1998)



Air pollution and climate change policies in Europe: exploring linkages and the added value of an integrated approach

There is an increasing awareness in both the science and policy communities of the importance

of addressing the linkages between the traditional air pollutants and greenhouse gases. Many of the traditional air pollutants and greenhouse gases have common sources, their emissions interact in the atmosphere, and separately or jointly they cause a variety of environmental impacts on the local, regional and global scales.

Published on: 16 November 2004
Technical report No 5/2004

Languages available: [EN](#)



Exploring the ancillary benefits of the Kyoto Protocol for air pollution in Europe

This report explores the potential ancillary benefits for air pollution — in terms of reductions in pollutant emissions and changes in

control costs and environmental impacts — resulting from different ways of implementing the Kyoto Protocol on climate change in Europe. It is based on a comparison of three climate policy scenarios, which differ in their use of the Kyoto mechanisms, with a baseline scenario for 2010.

Published on: 13 April 2004
Technical report No 93

Languages available: [EN](#)



Air pollution in Europe 1990–2000

This report provides an overview and analysis of the air pollution situation in Europe in the year 2000 and the preceding decade. It is based on indicators for underlying driving forces, emissions, air

quality, deposition of pollutants and the effectiveness of policies and measures. The report covers the 31 EEA member countries and Switzerland.

Published on: 31 March 2004
Topic report No 4/2003

Languages available: [EN](#)

Previous related report:

Topic report 4/2002, 20 February 2003 (Air quality in Europe: state and trends 1990–1999)



Emissions of atmospheric pollutants in Europe, 1990–1999

An analysis of trends in emissions of the main air pollutants in EU Member States and candidate countries between 1990 and 1999 is presented in this report. Emissions

data are shown and analysed by country and economic sector. They are also compared with agreed international emission ceilings and reduction targets.

Published on: 30 January 2003
Topic report No 5/2002

Languages available: [EN](#)

Previous related report:

Topic report 9/2000, 19 October (Emissions of atmospheric pollutants in Europe, 1980–1996)



Air quality in larger cities in the European Union

In this report, the air quality in about 200 urban agglomerations within the EU is calculated for a reference year (1995 or 1990) and for the year 2010, assuming the 'Auto-Oil II' programme base

case scenarios. The parameter calculated is the urban background air pollution concentration, which is representative of the concentration in most of the urban area, with the exception of places under direct influence of emission sources, such as street traffic.

Published on: 20 June 2001
Topic report No 3/2001

Languages available: [EN](#)

Climate change



How much biomass can Europe use without harming the environment?

Extending biomass use to produce energy (bioenergy) will both help reduce greenhouse gas emissions and meet the European renewable energy targets. However, biomass production may create additional environmental pressures, such as on biodiversity, soil and water resources.

Published on: 18 October 2005
Briefing No 2/2005

Languages available: [EN](#)



Climate change and a European low-carbon energy system

This report presents an assessment of possible greenhouse gas emission reduction pathways made feasible by global action and a transition to a low-carbon energy system in Europe by 2030. It analyses trends and projections for emissions of greenhouse gases and the development of underlying trends in the energy sector. It also describes the actions that could bring about the transition to a low-carbon energy system in the most cost-effective way.

Sub-report to the present report

Published on: 29 June 2005
EEA Report No 1/2005

Languages available: [EN](#)



Annual European Community greenhouse gas inventory 1990–2003 and inventory report 2005

This report is the annual submission of the greenhouse gas inventory of the European Community to the United Nations Framework Convention on climate change. It presents greenhouse gas emissions between 1990 and 2003 by individual member state and by economic sector.

Published on: 21 June 2005
Technical report No 4/2005

Languages available: [EN](#)

Previous 'EC GHG inventory' reports:

Technical report 2/2004, 14 July 2004 (1990–2002, rep. 2004)
Technical report 95, 5 May 2003 (1990–2001, rep. 2003)
Technical report 75, 29 April 2002 (1990–2000, rep. 2002)
Technical report 60, 23 April 2001 (1990–1999)
Technical report 41, 23 May 2000 (1990–1998)

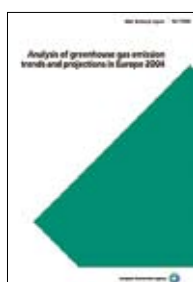


Climate change and river flooding in Europe

Extreme floods are the most common type of natural disaster in Europe. Climate change, including the increasing intensity of heavy rainfall, is projected to make extreme river floods even more frequent in some areas, especially in central, northern and northeastern Europe.

Published on: 6 April 2005
Briefing No 1/2005

Languages available: [BG](#) [CS](#) [DA](#) [DE](#) [EL](#) [EN](#) [ES](#) [ET](#) [FI](#)
[FR](#) [HU](#) [IS](#) [IT](#) [LT](#) [LV](#) [MT](#) [NL](#) [NO](#) [PL](#) [PT](#) [RO](#) [SK](#) [SL](#) [SV](#) [TR](#)



Analysis of greenhouse gas emission trends and projections in Europe 2004

This report provides a detailed analysis and background information for the EEA report *Greenhouse gas emission trends and projections in Europe 2004*.

Published on: 21 December 2004
Technical report No 7/2004

Languages available: [EN](#)

Previous related reports:

Technical report No 4/2004, 26 October 2004 (2003)
Technical report No 77, 1 July 2003 (Projections)
Topic report No 7/2002, 10 February 2003 (Trends)
Topic report 1/2002, 23 August 2002 (Comparison of national and EU-wide projections of GHG emissions)



Greenhouse gas emission trends and projections in Europe 2004

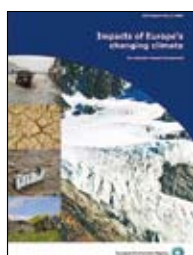
Projections show that the pre-2004 EU Member States (EU-15) could cut their total emissions to 7.7 % below 1990 levels by 2010 with existing domestic policies and measures already being implemented and additional policies and measures currently planned.

Published on: 21 December 2004
EEA Report No 5/2004

Languages available: [EN](#)

Previous 'GHG emission trends and projections' reports:

Environmental issue report 36, 5 December 2003 (2003)
Environmental issue report 33, 5 December 2002 (2002)
Topic report 10/2001, 24 October 2001 (trends 1990–1999)
Topic report 6/2000, 24 October 2001 (trends 1990–1998)



Impacts of Europe's changing climate

The impacts of climate change on Europe's environment and society are shown in this report. Past trends in the climate, its current state and possible future changes are presented using 22 selected indicators. For almost all of these a clear trend exists and impacts are already being observed. The report highlights the need to develop strategies at European, national, regional and local level for adapting to climate change.

Published on: 18 August 2004
EEA Report No 2/2004

Languages available: [EN](#) [TR](#)

Terrestrial environment and biodiversity



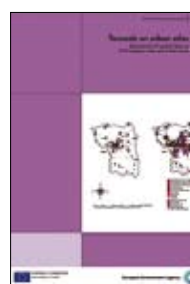
Halting the loss of biodiversity in Europe

This briefing focuses on the urgent need for information based on monitoring and indicators to support the achievement of a significant reduction in the rate of biodiversity loss by 2010 and

the EU's more ambitious goal of halting the loss of biodiversity by 2010.

Published on: 9 February 2004
Briefing No 1/2004

Languages available: [BG](#) [DE](#) [EL](#) [EN](#) [ES](#) [ET](#) [FI](#) [FR](#) [IS](#)
[LV](#) [NL](#) [NO](#) [PL](#) [PT](#) [SL](#) [SV](#) [TR](#)



Towards an urban atlas: Assessment of spatial data on 25 European cities and urban areas

The goal of this report is to disseminate the first results of a research project dedicated to measuring and assessing

urban dynamics through the creation of land use databases for 25 cities and urban areas within Europe. The report, published together with the Joint Research Centre, describes the work developed by the Murbandy/Moland project (Monitoring urban dynamics/Monitoring land use changes), with the aim of proposing a methodology for strategic monitoring of the impact of urban development on the environment.

Published on: 29 July 2002
Environmental issue report No 30

Languages available: [EN](#)



Europe's biodiversity – biogeographical regions and seas

This is the first report to describe the condition and main influences on main habitat types and species groups in the eleven

biogeographical regions and the seven seas around Europe. The report covers Europe from the Arctic to the Mediterranean and from the Atlantic to the Ural Mountains. It is based on expert contributions and national comments.

Published on: 31 May 2002
(10 chapters available on the web in November 2005. Publication of remaining chapters ongoing)

Languages available: [EN](#)



Down to earth: Soil degradation and sustainable development in Europe

This report is a broad assessment of soil conditions in the Pan-European region. It describes the degradation

of soil, its relevance in the European and global contexts, and the links between soil and sustainable development. The report is mainly addressed to policy makers and the general public.

Published on: 15 December 2000
Environmental issue report No 16

Languages available: [DE](#) [EN](#) [ES](#) [FR](#)

Waste and material flows



Case studies on waste minimisation practices in Europe

Ten successful case studies are presented in this report, which seeks to support and encourage waste minimisation in EEA countries. Focusing on waste

prevention and recycling, the case studies cover five themes: producer responsibility, voluntary agreements, legislative requirements, information programmes and waste taxes.

Published on: 29 January 2003
Topic report No 2/2002

Languages available: [EN](#)



Biodegradable municipal waste management in Europe

This report is intended as guidance to help decision-makers in their efforts to comply with the EU Landfill Directive's targets for reducing the landfilling of

biodegradable municipal waste. The first two parts of the report provide information on the strategies and instruments available to achieve this goal while the third part focuses on technology and market issues.

Published on: 22 March 2002
Topic report No 15/2001

Languages available: [EN](#)



Review of selected waste streams

Five waste streams are reviewed in this technical report: sewage sludge, construction and demolition waste, waste oils, waste from coal-fired power plants and

biodegradable municipal waste. The review focuses on the quantities of waste produced and on systems used to collect and treat them in several European countries and regions.

Published on: 25 January 2002
Technical report No 69

Languages available: [EN](#)



Material flow-based indicators in environmental reporting

This report explores in detail material flows in the economy which have a possible influence on the environment. It attempts

to define the parameters that need to be taken into account to steer human development towards ecological sustainability. The report proposes a measure for resource productivity in the economy and shows how quantitative targets for sustainable resource consumption can be derived and used to define performance indicators.

Published on: 15 October 2001
Environmental issue report No 14

Languages available: [EN](#)



Waste management facilities – Electronic catalogue

This report provides information about EEA member countries; facilities for the treatment of hazardous and non-hazardous wastes, including their type,

location and capacity. It is intended to support policy making since information about available treatment facilities is a prerequisite for setting realistic and achievable targets for the various waste management options. The report contains proposals for further data collection to expand current information.

Published on: 3 October 2001
Technical report No 65

Languages available: EN



Total material requirement of the European Union

Contains detailed outcomes of the total material requirement (TMR) study reported on in *Environmental signals 2000*. It describes the methodology to calculate aggregated material flow indicators

and presents a first application on the EU level. The study contains more complete time series than the *Environmental signals 2000* chapter. Technical details are in Technical report no 56.

Published on: 12 March 2001
Technical report No 55

Languages available: EN

Related report:
Technical report No 56, 20 February 2001 (Total material requirement of the European Union – Technical part)

Water



Priority issues in the Mediterranean environment

In 1999, recognising the lack of timely and targeted information for action, EEA and UNEP/MAP collaborated on a joint publication: *The State and pressures of the marine and coastal Mediterranean*

environment. Further cooperation to provide more in-depth assessments, which form the basis for global action to reverse the present trends in the region, has continued and is exemplified by this joint report.

Published on: 10 November 2005
EEA report 5/2005

Languages available: [EN](#)



Europe's water: An indicator-based assessment

This report assesses the quality and quantity of Europe's water. Its geographical scope is the EU, EFTA and EU accession and candidate countries. Four water issues are assessed: ecological quality, eutrophication and organic pollution of water, hazardous substances and water quantity. This is done on the basis of 57 indicators selected for their representativeness and relevance.

Published on: 27 November 2003
Topic report No 1/2003

Languages available: [EN](#)

Summary available in: [BG](#) [CS](#) [DA](#) [DE](#) [EL](#) [EN](#) [ES](#) [ET](#) [FI](#) [FR](#) [HU](#) [IS](#) [IT](#) [LV](#) [NL](#) [NO](#) [PL](#) [PT](#) [RO](#) [SK](#) [SL](#) [SV](#) [TR](#)



Status of Europe's water

This paper gives a brief overview of the state of Europe's water, highlighting the issues on which progress towards environmental improvement is and is not being made. The briefing is based on the

report *Europe's water: an indicator-based assessment*.

Published on: 27 November 2003
Briefing No 1/2003

Languages available: [BG](#) [CS](#) [DA](#) [DE](#) [EL](#) [EN](#) [ES](#) [ET](#) [FI](#) [FR](#) [HU](#) [IS](#) [IT](#) [LT](#) [LV](#) [NL](#) [NO](#) [PL](#) [PT](#) [RO](#) [SK](#) [SL](#) [SV](#) [TR](#)



Hazardous substances in the European marine environment – Trends in metals and persistent organic pollutants

This report provides an assessment of trends in concentrations of six hazardous substances in mussels and fish in Europe's seas since 1985. The trends are linked to reduction measures, foodstuff limit values and trends in inputs to coastal and marine waters. The results are presented in a series of maps.

Published on: 27 October 2003
Topic report No 2/2003

Languages available: [EN](#)



The rivers of the Black Sea

This report presents the results of a study of the discharge of river water and river sediment load into the Black Sea. Intended for Black Sea researchers, it is published in English and Russian as a contribution to cooperation

between EEA and the Black Sea Commission. The volume of river water and load is investigated by individual river, by region and in total over the whole area.

Published on: 7 August 2002
Technical report No 71

Languages available: [EN](#) [RU](#)



Eutrophication in Europe's coastal waters

Eutrophication is the enhanced primary production of marine algae due to excessive supply of nutrients from human activities, independent of the natural productivity level of the sea

area in question. The main objectives of this report are to evaluate the causes, state and development of eutrophication in European coastal waters and identify areas where more monitoring data are needed to improve the assessment.

Published on: 18 October 2001
Topic report No 7/2001

Languages available: [EN](#)



Sustainable water use in Europe – Part 3: Extreme hydrological events: floods and droughts

This report gives an overview of the main natural and artificial causes and impacts of floods and droughts in western and central

European countries, as well as policy responses. It aims to help policy- and decision-makers in their work on preventing and managing such extreme events, as well as the European Commission's work in the field of civil protection.

Published on: 10 August 2001
Environmental issue report No 21

Languages available: [EN](#)



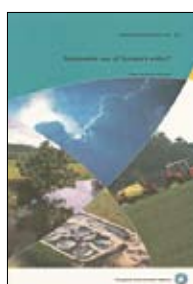
Sustainable water use in Europe – Part 2: Demand management

The EEA and its European Topic Centre on Inland Waters is undertaking an assessment of the sustainable use of water in Europe. This report describes the

second part of that assessment and looks in particular at demand-side management of water across Europe. It is intended that the report will serve as a source of comparative data to support the assessment of policies in place and a source of information for the development of new demand management policies.

Published on: 5 April 2001
Environmental issue report No 19

Languages available: [EN](#)



Sustainable use of Europe's water? State, prospects and issues

This report is intended to give ministers, senior civil servants, other policy-makers and others with an interest to protect our waters a broad overview of

the major water issues in Europe. It represents a distillation of the work undertaken by the EEA and its European Topic Centre for Inland Waters (ETC/IW). The report provides, for each issue, a summary of our scientific and technical knowledge of the problem, an analysis of its causes, an indication of the actions taken and their effects, and an assessment of what further needs to be done.

Published on: 13 October 2000
Environmental assessment report No 7

Languages available: [DA](#) [DE](#) [EN](#) [ES](#) [FI](#) [FR](#) [IS](#) [IT](#) [NL](#)
[NO](#) [PT](#) [SV](#)



State and pressure of the marine and coastal Mediterranean environment

Human activity, including tourism, puts increasing pressure on a Mediterranean Sea that is still remarkably alive in spite of many problems, particularly in

coastal areas. The report, prepared by the EEA and its European Topic Centre on the Marine and Coastal Environment in cooperation with the Mediterranean action plan, presents an overview of the Mediterranean marine and coastal environment.

Published on: 28 February 2000
Environmental assessment report No 5

Languages available: [EN](#) [ES](#)

Summary available in: [DA](#) [DE](#) [EL](#) [EN](#) [ES](#) [FI](#) [FR](#) [IS](#) [IT](#)
[NL](#) [NO](#) [PT](#) [SV](#)



Nutrients in European ecosystems

This report presents a Pan-European overview of the geographical distribution, and severity of adverse effects, of excessive anthropogenic inputs of nutrients in European ecosystems.

Published on: 11 January 2000
Environmental assessment report No 4

Languages available: [EN](#)



Groundwater quality and quantity in Europe

This report presents the first Pan-European overview of groundwater quality and quantity based on measured data. Data and information provided from 37 countries have been used in this

assessment report. Different indicators have been used to assess the pressures on groundwater quality and quantity related to, in particular, nitrate, pesticides and groundwater abstraction. The report also identifies a need for improved information on groundwater across Europe.

Published on: 7 January 2000
Environmental assessment report No 3

Languages available: [EN](#)

Agriculture

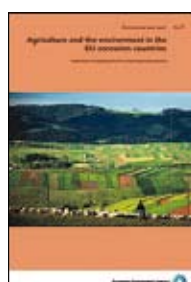


High nature value farmland – Characteristics, trends and policy challenges

Farmland supports many habitats and species of European conservation concern. In 2003, Europe's environment ministers agreed to identify all farmland areas with high nature value and take conservation measures. This report shows that these areas cover roughly 15–25 % of the European countryside and suffer from land abandonment and intensification. Current policy measures appear insufficient to prevent further biodiversity decline.

Published on: 29 April 2004
EEA Report No 1/2004

Languages available: [EN](#) [TR](#)



Agriculture and the environment in the EU accession countries – Implications of applying the EU common agricultural policy

Agriculture is a key influence on the environment in the acceding countries. This report reviews the pressures from agriculture on water, soil and air. It also shows the importance of agricultural management for biodiversity and landscapes. Introduction of the CAP will bring positive and negative changes. Which tendency will predominate depends largely on policy implementation by the new EU Member States.

Published on: 28 April 2004
Environmental issue report No 37

Languages available: [EN](#)



Genetically modified organisms (GMOs): The significance of gene flow through pollen transfer

This report, written for the EEA by experts from the European Science Foundation, considers the significance of the transfer by pollen of genes from six major genetically modified (GM) crop types that are close to commercial release in the EU. Oilseed rape, sugar beet, potatoes, maize, wheat and barley are reviewed in detail using recent and current research findings to assess their potential environmental and agronomic impacts. The report also includes a short review of the current status of GM fruit crops in Europe.

Published on: 21 March 2002
Environmental issue report No 28

Languages available: [EN](#)

Energy



Energy subsidies and renewables

This briefing presents the main findings from the EEA technical report *Energy subsidies in the European Union: A brief overview*.

While solid fuels received the largest share of subsidies,

renewables received significantly higher support per unit of energy produced. Governments seem therefore to recognise that renewable energy is a much less mature industry with a greater need for technological and market support to enable full commercial development.

Published on: 4 June 2004
Briefing No 2/2004

Languages available: BG CS DA DE EL EN ES ET FI
FR HU IS IT LT LV NL NO PL PT RO SK SL SV



Energy subsidies in the European Union: A brief overview

This report synthesises data from a range of sources to estimate the size of subsidies to the energy sector in the 15 pre-2004 Member States of the EU. It finds that the level of subsidies to fossil fuels remains high despite their environmental impacts, while support for renewable energy sources is increasing steadily.

Published on: 3 June 2004
Technical report No 1/2004

Languages available: EN



Energy and environment in the European Union

This report provides policy-makers with the information needed to assess how effectively environmental policies and concerns are being integrated into energy policies. This is achieved

with the help of selected indicators measuring progress. The report concludes that, while there have been some successes, overall progress has so far been insufficient.

Published on: 30 May 2002
Environmental issue report No 31

Languages available: EN

Summary available in: BG CS DA DE EL EN ES ET FI
FR HU IS IT LT LV NL NO PL PT RO SK SL SV



Renewable energies: success stories

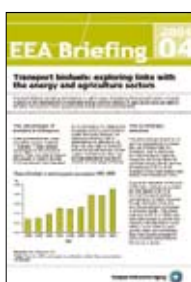
Based on a series of case studies, this study identifies the factors that can influence successful implementation of specific renewable energy technologies in EU Member States. It aims to

facilitate greater use of renewable energy sources and contribute to efforts by the EU and its Member States to meet targets for increasing power from renewables by 2010.

Published on: 6 December 2001
Environmental issue report No 27

Languages available: EN

Transport



Transport biofuels: exploring links with the energy and agriculture sectors

Transport biofuels are being promoted as a useful means of greening the transport sector.

However, impacts on the development of renewable energy and the intensity of agricultural land use need to be taken into account when assessing the overall environmental benefits.

Published on: 10 November 2004
Briefing No 4/2004

Languages available: BG CS DA DE EL EN ES ET FI FR HU IS IT LT LV MT NL NO PL PT RO SK SL SV TR



Ten key transport and environment issues for policy-makers

Transport volumes are growing at a rate where many of the improvements brought about by new technology are being partly or fully negated. Emissions

of harmful pollutants are decreasing steadily, but there are indications that the test cycles, on which the emissions are calculated, fail to represent real world driving conditions. Therefore air quality is not improving as would be expected from the emission figures. The TERM 2004 report looks at trends in transport emissions and other transport impacts over the decade from the early 1990s to the early 2000s.

Published on: 19 October 2004
EEA Report No 3/2004

Languages available: EN TR



Transport and environment in Europe

Growing transport volumes are leading to increased pressure on the environment especially in relation to climate change and biodiversity loss. Present efforts to counteract these trends are at best

only slowing down the rate of increase. On the positive side, technological improvements are delivering reductions in air pollution from road transport despite the growth in traffic volumes. Even so, more is needed to solve the problem of urban air pollution. This briefing looks at developments from the early 1990s to the early 2000s.

Published on: 19 October 2004
Briefing No 3/2004

Languages available: BG CS DA DE EL EN ES ET FI FR HU IS IT LT LV MT NL NO PL PT RO SK SL SV TR



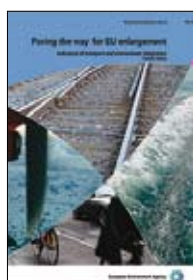
Transport price signals

The EEA, jointly with the Commission's Directorate-General for the environment, Directorate-General for transport and energy and the statistical office Eurostat, developed the transport and environment reporting mechanism

(TERM). TERM aims to monitor progress in integrating environmental concerns into transport policy throughout Europe and comprises 40-odd indicators, which cover all relevant aspects of the transport and environment system.

Published on: 20 September 2004
Technical report No 3/2004

Languages available: EN



Paving the way for EU enlargement – Indicators of transport and environment integration

This third report developed under the EU's transport and environment reporting mechanism (TERM) is the first to include the

13 accession countries (ACs). As in previous reports, the TERM indicators are used to answer a set of policy questions related to the integration of environmental concerns into transport policies.

Published on: 28 November 2002
Environmental issue report No 32

Languages available: [EN](#)

Summary available in: [BG](#) [CS](#) [DA](#) [DE](#) [EL](#) [EN](#) [ES](#) [ET](#) [FI](#)
[FR](#) [HU](#) [IS](#) [IT](#) [LT](#) [LV](#) [NL](#) [NO](#) [PL](#) [PT](#) [RO](#) [SK](#) [SL](#) [SV](#)



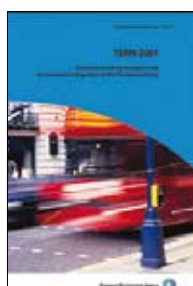
Road freight transport and the environment in mountainous areas

This report was developed to support an analysis by the European Commission of the effectiveness of the 'ecopoints' system for limiting

the environmental impact of heavy-duty vehicles transiting through Austria. The analysis culminated in a communication issued by the Commission in February 2001. The report takes stock of the environmental pressures that growing freight transport by road is exerting on the environment in the EU and investigates the specific problems of traffic impacts in sensitive mountain areas.

Published on: 7 December 2001
Technical report No 68

Languages available: [EN](#)



TERM 2001 – Indicators tracking transport and environment integration in the European Union

Main report, presentation by Domingo Jiménez-Beltrán, Executive Director at the Joint transport and environment

Informal Council, 14–16 September 2001, Leuven, Ottignies- Louvain-la-Neuve and presentation of key findings in English and summaries in all official languages.

Published on: 11 September 2001
Environmental issue report No 23

Languages available: [EN](#)

Summary available in: [DA](#) [DE](#) [EL](#) [EN](#) [ES](#) [FI](#) [FR](#) [IS](#) [IT](#)
[NL](#) [NO](#) [PT](#) [SV](#)



Are we moving in the right direction? Indicators on transport and environmental integration in the EU

The transport and environment reporting mechanism (TERM) was set up to enable policy-makers to gauge how this integration is progressing in the transport sector. At the core of this first TERM report is a set of 31 indicators that are benchmarked against a number of policy objectives and targets.

Published on: 20 July 2000
Environmental issue report No 12

Languages available: [EN](#)

Summary available in: [DA](#) [DE](#) [EL](#) [EN](#) [ES](#) [FI](#) [FR](#) [IS](#) [IT](#)
[NL](#) [NO](#) [PT](#) [SV](#)

Other issues



European environment outlook report

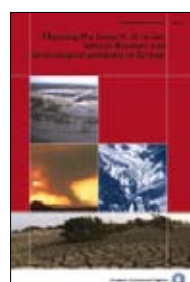
Protecting our environment is a key element in ensuring sustainable livelihoods for today's and future generations. Indeed, the most recent Eurobarometer surveys show that as Europeans

we regard the protection of our environment to be one of the six key priorities for the EU. Issues of particular concern are water and air pollution, man-made disasters, and climate change. In addition, new challenges arising from diffuse sources of pollution, changing consumption patterns, and the possibility of sudden extreme environmental changes all need to be addressed.

Sub-report to the present report

Published on: 11 September 2005
EEA Report No 4/2005 ☺

Languages available: [EN](#)



Mapping the impacts of recent natural disasters and technological accidents in Europe

This is the first EEA publication to address the impacts of natural disasters and technological accidents across Europe. Focusing

on major events between 1998 and 2002, the report adds value to existing studies by bringing together available information on their human and economic costs and adding the environmental perspective. The impacts of these events are documented through a large number of maps, illustrations and case studies.

Published on: 23 March 2004
Environmental issue report No 35

Languages available: [EN](#) [TR](#)



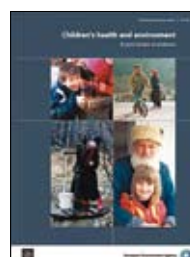
Arctic environment: European perspectives

The Arctic is one of the planet's last pristine areas where indigenous peoples pursue their traditional lifestyles. However, as Europe's dependence on the Arctic's

resources grows, the region is coming under increasing pressure from unsustainable development, land fragmentation, climate change and pollution. EEA and UNEP have jointly prepared this report to raise awareness among policy makers and the public about the issues involved and why Europe should care.

Published on: 15 March 2004
Environmental issue report No 38/2004

Languages available: [EN](#)



Children's health and environment: A review of evidence.

This publication provides an overview of the available evidence of the relationship between the physical environment and

children's health. It identifies both research needs and policy priorities to protect children's health from environmental hazards. The report was prepared by the WHO European Centre for Environment and Health, Rome Operational Division, with support from the EEA. It is based on background papers prepared for the Third Ministerial Conference on Environment and Health, held in London in 1999.

Published on: 12 April 2002
Environmental issue report No 29

Languages available: [EN](#)



Late lessons from early warnings: the precautionary principle 1896–2000

This report is about gathering information on the hazards raised by human economic activities and its use in taking action to protect better the environment

and the health of the species and ecosystems that are dependent on it. The study aims to contribute to better and more accessible science-based information and more effective stakeholder participation in the governance of economic activity so as to help minimise environmental and health costs and maximise innovation.

Published on: 10 January 2002
Environmental issue report No 22

Languages available: [DE](#) [EN](#) [ES](#) [FR](#)



Designing effective assessments: The role of participation, science and governance, and focus

This publication reports on a workshop held in March 2001 to discuss how environmental assessments can be conducted

more effectively. The Copenhagen workshop focused on the issues of participation, science and governance, and scope. It was co-organised by the Global environmental assessment project and the EEA, with contributions from the European forum on integrated environmental assessment (EFIEA).

Published on: 3 December 2001
Environmental issue report No 26

Languages available: [EN](#)



Scenarios as tools for international environmental assessments

Scenarios can be useful tools in international environmental assessments for evaluating future environmental problems, and

this report is intended to contribute to improving scenario-building and analysis for decision-makers. It proposes a step-wise approach to scenario development and draws on some relevant scenario-building exercises, including recent activities of the Intergovernmental Panel on climate change and World Water Commission.

Published on: 6 November 2001
Environmental issue report No 24

Languages available: [EN](#)



Environmental benchmarking for local authorities: From concept to practice

This report addresses the use of benchmarking as a management tool in the context of local authority

actions towards sustainability management. The growing interest at the European policy-making level in stimulating the use of sustainability management tools and exchange of best practices among local authorities has motivated its publication. It is also a recognition that local authority's actions play a vital role in responding to the challenges of enhancing the state of the environment not only through policy-making, but also in the provision of better services and in a better informed planning process.

Published on: 30 July 2001
Environmental issue report No 20

Languages available: [EN](#)



Cloudy crystal balls: An assessment of recent European and global scenario studies and models

This report presents an inventory of existing scenarios studies relevant for Europe in the context of sustainable development, including European and global models. It also provides a useful review of a selected number of scenarios and pinpoints their strengths and weaknesses.

Published on: 15 December 2000
Environmental issue report No 17

Languages available: [EN](#)



The dissemination of the results of environmental research

This report reviews relevant knowledge and identifies issues for consideration in implementing the EEA's mission to facilitate the dissemination of policy-relevant environmental scientific research. It begins by examining and analysing literature relating to research-policy interactions, primarily from the social sciences; it then relates experiences from disseminating the research of the UK Global environmental change programme. After summarising existing European environmental research and dissemination efforts, it concludes by offering recommendations to the EEA on how to proceed with its mandate.

Published on: 22 November 2000
Environmental issue report No 15

Languages available: [EN](#)



Information tools for environmental policy under conditions of complexity

This report contains a description of environmental policy tools, gives an overview of post-Normal science (bridge between complex systems and environmental policy), ecological economics, the incommensurability principle, the multicriteria evaluation and the NAIDE method (fuzzy information).

Published on: 10 March 2000
Environmental issue report No 9

Languages available: [EN](#)

Policy measures and instruments



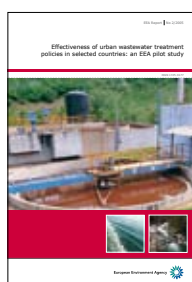
Effectiveness of packaging waste management systems in selected countries: an EEA pilot study

Packaging waste is an important and growing waste stream. The amended packaging and packaging

waste directive has recently been adopted, and work is underway to develop EU thematic strategies on waste prevention and recycling and on the sustainable use and management of natural resources. The packaging and packaging waste directive is one of the few environmentally-related directives to contain directly measurable, quantitative targets.

Published on: 7 October 2005
EEA Report No 3/2005

Languages available: [EN](#)



Effectiveness of urban wastewater treatment policies in selected countries: an EEA pilot study

Water pollution caused by wastewater persists despite three decades of effort to clean up

European surface waters and despite the requirements of the urban waste water treatment directive (UWWTD). Several EU Member States have yet to satisfy the requirements of the directive. A European Commission report released in 2004 noted that several countries had failed to designate sensitive areas and were behind schedule in establishing the capacity of sewage treatment as required by the directive deadlines in 1998 and 2000.

Published on: 7 October 2005
EEA Report No 2/2005

Languages available: [EN](#)



Environmental policy integration in Europe – Administrative culture and practices

This paper presents an overview of administrative culture and practices for EPI in Europe, and investigates some of the main

management styles used. It reviews institutional structures and practices in the EU-25, the candidate and applicant countries, the countries of the European free trade area (EFTA) and the countries of eastern Europe, Caucasus and central Asia (EECCA).

Sub-report to the present report

Published on: 6 July 2005
Technical report No 5/2005

Languages available: [EN](#)



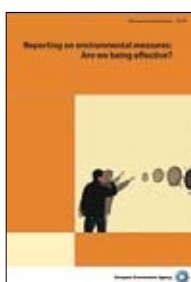
Environmental policy integration in Europe – State of play and an evaluation framework

Article 6 of the European Community treaty states that 'environmental protection requirements must be integrated

into the definition and implementation of the Community policies and activities (...) in particular with a view to promoting sustainable development'. Environmental policy integration (EPI) involves a continual process to ensure environmental issues are reflected in all policy-making.

Published on: 27 May 2005
Technical report No 2/2005

Languages available: [EN](#)



Reporting on environmental measures: Are we being effective?

Assessing the effects of EU environmental legislation, and whether specific measures have actually been effective in delivering expected results, is an essential task, yet one that is not always carried out. The REM report examines this issue and tries to respond to a set of questions on why, what and how effects and effectiveness should be assessed. The report aims to contribute to the development of a more effective and streamlined future regime for reporting on environmental measures.

Published on: 29 November 2001
Environmental issue report No 25

Languages available: [EN](#)



Business and the environment: current trends and developments in corporate reporting and ranking

This report is aimed at the business and financial sectors, which are beginning to develop strategies on integrating the environment into their activities, following the current legal and political moves to promote the 'integration' of environmental issues into economic activities. It provides an overview of these and other developments in corporate environmental reporting (CER), in corporate environmental performance indicators (EPIs), and in corporate environmental performance ranking tools (EPRTs).

Published on: 19 February 2001
Technical report No 54

Languages available: [EN](#)



Environmental taxes – Recent developments in tools for integration

The use of environmental taxes in Europe is widening and more tax bases are being used. The EEA reports on developments in the use and impact of environmental taxes and on progress made with ecological tax reform.

Published on: 13 December 2000
Environmental issue report No 18

Languages available: [EN](#) [FR](#)



Eionet development and information systems, by theme

Air quality

EMEP/Corinair emission inventory guidebook – Third edition

This third edition of the emission inventory guidebook prepared by the UNECE/EMEP task force on emissions inventories and projections provides a comprehensive guide to state-of-the-art atmospheric emissions inventory methodology. Its intention is to support reporting under the UNECE Convention on Long-range Transboundary Air Pollution and the EU directive on national emission ceilings.

Published on: 19 January 2004

Technical report No 30

Euroairnet – Status report 2000

This is the latest status report on Euroairnet, the Europe-wide air quality monitoring network coordinated by the EEA. Euroairnet's main goal is to improve significantly the extent and quality of reporting of air quality in Europe, and thus to improve the basis for representative assessments of European air quality. The report describes the network's status as of November 2000.

Published on: 20 February 2003

Technical report No 90

Air quality in the Phare countries 1997

This report provides an overview of the state of air quality in 13 central and eastern European countries involved in the European Union's Phare programme. Based on Euroairnet monitoring network data for 1997 as reported by these countries, it also provides information on emission sources and economic sectors contributing to air pollution, impacts on health and ecosystems as well as measures taken to reduce the air pollution and its impacts.

Published on: 8 February 2002

Topic report No 16/2001

Air quality – Annual topic update 2000

This report provides an overview of work in the field of air quality conducted in 2000 by the EEA's European Topic Centre on Air Quality in cooperation with the Phare Topic Link on Air Quality.

Published on: 3 October 2001

Topic report No 9/2001

Air emissions – Annual topic update 2000

This report provides a summary of the activities and products of the EEA's European Topic Centre on Air Emissions (ETC/AE) during 2000. These include assistance to countries through provision of software tools for compiling and reporting emission estimates, analysis of air emission trends from sectors such as energy and transport, and analysis of progress towards achieving emission reduction targets.

Published on: 13 August 2001

Topic report No 5/2001

Eionet workshop on air quality monitoring and assessment

The fourth Eionet workshop on air quality management and assessment was held in Santorini 23–24 September 1999. This report deals with the discussions on the current European air quality issues and the work of the EEA's European Topic Centre on Air Quality (ETC/AQ) and its partners in the Phare Topic Link on Air Quality (PTL/AQ) with institutions and experts from European countries, the European Commission, and with collaborating international institutions.

Published on: 31 May 2001

Technical report No 57

Air quality — Annual topic update 1999

This report provides an overview of work in the field of air quality conducted in 1999 by the EEA's European Topic Centre on Air Quality in cooperation with the Phare Topic Link on Air Quality as part of the EEA work programme. Products are listed and plans for 2000 are described.

Published on: 10 October 2000

Topic report No 7/2000

Evaluation of the air quality model documentation system

The Internet air quality model documentation system (MDS) has been developed by the ETC-AQ to provide information and guidance to users in selection of air pollution models for a specified application. After three years of operation, its functionality and utility is evaluated through a survey of its users. The report summarises answers to a questionnaire from 41 respondents.

Published on: 4 October 2000

Technical report No 48

Air emissions — Annual topic update 1999

This report presents a summary of the activities and products of the EEA's European Topic Centre on Air Emissions in 1999. The EEA's European Topic Centre (ETC/AE) was appointed in December 1994 by EEA to act as a centre of expertise on air emissions for use by the Agency in support of its mission.

Published on: 13 September 2000

Topic report No 8/2000

Biodiversity

An inventory of biodiversity indicators in Europe, 2002

This review of biodiversity-related indicators was undertaken to support the development of a core set of environmental indicators by the EEA. Among its main conclusions is that a great variety of indicators has been developed to assess aspects of biodiversity at the national, international or global scale, but only a limited number of them are actually in use on a regular basis. The main content of the report is a summary of 655 such indicators.

Published on: 12 May 2004

Technical report No 92

Nature conservation annual topic update 2000

The work of the EEA's European Topic Centre for Nature Conservation between 1995 and 2000 is presented in this report. The EEA's European Topic Centre's main activities were support to the European Commission and Member States on the EU Birds and Habitats Directives, contributions to EEA reporting and development of EUNIS (European nature information system database on selected species, habitat types and sites).

Published on: 13 December 2002

Topic report No 3/2002

Towards a global biological information infrastructure

This report describes the state of the art in biodiversity informatics in the field of entomology. The seven papers in this volume are the results of a one-day symposium that was held during the XXI International Congress of Entomology in Iguassu Falls, Brazil, on 24 August 2000.

Published on: 18 February 2002

Technical report No 70

The global biodiversity information facility – Architectural and implementation issues

This paper supports the OECD Megascience forum for biological informatics on the technical aspects of its plan for the Global biological information facility. The paper identifies the capacity to produce homepages for all species of organisms as the main goal of GBIF, but in such a way that the homepages are dynamically derived from online databases.

Published on: 5 October 2000

Technical report No 34

Nature conservation – Annual topic update 1999

Over the year, ETC on Nature conservation has continued to develop the European nature information system UNIS. The EEA's European Topic Centre has also provided support to the NATURA 2000 network and to the EEA's reporting activities.

Published on: 13 August 2000

Topic report No 5/2000

Climate change

The EU reporting obligations under the United Nations framework convention on climate change (UNFCCC) and the monitoring mechanism

This report is part of the project undertaken with the participation of the firm Garrigues and Andersen to carry out for the EEA the study of the reporting obligations in the framework of environmental conventions and provide support to international activities, also to support the European Commission (Environment DG) as representative of the European Community as party to the conventions.

Published on: 29 January 2001

Technical report No 46

Terrestrial environment

Assessment and reporting on soil erosion

This report presents the results of a peer review of work on soil erosion carried out by the EEA up until 2001. It also summarises the conclusions of an expert workshop on indicators for soil erosion, held in Copenhagen in March 2001.

Published on: 27 May 2003

Technical report No 94

Corine land cover update 2000: Technical guidelines

This report has been prepared for those interested in updating the Corine land cover database. The document describes the methodological steps to be followed in developing an update in a consistent and harmonised way to ensure comparability among results across Europe.

Published on: 18 December 2002

Technical report No 89

Assessment of data needs and data availability for the development of indicators on soil contamination

Information on the national relevance and data availability of a proposed list of policy-relevant indicators on soil contamination from local and diffuse sources is provided in this report. It constitutes the final output of a working group on soil contamination indicators and analyses the results of a consultation of partners within the European environment information and observation network (Eionet). The outcomes of this consultation are feeding into the establishment of a regular process of data collection and assessment.

Published on: 13 November 2002

Technical report No 81

Proceedings of the technical workshop on indicators for soil sealing

This report contains the proceedings of a technical workshop on soil sealing indicators held in Copenhagen in March 2001. The report also presents the results of a European information and observation network consultation on a series of 'hot-spot' maps for soil degradation and provides recommendations to the EEA for further activities. The outcomes feed into the work of the EEA's European Topic Centre on Terrestrial Environment.

Published on: 18 September 2002

Technical report No 80

Eionet technical workshop on indicators for soil contamination

This report contains the proceedings of a European environmental information and observation network (Eionet) workshop on indicators for soil contamination held in Vienna in January 2001. The main objectives of the workshop were to: 1) discuss the development of a selection of soil contamination indicators; 2) get information on national data availability. The outcome of the workshop feeds into the work of the EEA's European Topic Centre on Terrestrial Environment.

Published on: 2 September 2002

Technical report No 78

Second technical workshop on contaminated sites

This report contains the proceedings and follow-up to date of the second workshop on contaminated sites held in Dublin in November 1999. The report analyses the results of a test regional data collection and presents a proposal for regional indicators on contaminated sites.

Published on: 29 August 2002

Technical report No 76

European soil monitoring and assessment framework

This report contains a summary of EEA work on the development of a European soil monitoring and assessment framework for soil since 1999. The framework is being designed as a basis for the work needed to support policy developments within the European Community as well as the EEA reporting activities on soil. In particular the report contains the proceedings and summarises the results of an Eionet workshop organised by the EEA's European Topic Centre on Soil in Vienna in November 1999, which started off the development of the framework.

Published on: 6 December 2001

Technical report No 67

Towards agri-environmental indicators: integrating statistical and administrative data with land cover information

This publication is the result of a close collaboration between four services of the European Commission – Directorates-General for agriculture, environment, Eurostat and the Joint Research Centre (Ispra) – and the EEA. It presents work carried out by the teams for integrating statistical and administrative data with land cover information. The different articles are a contribution to the development of agri-environment indicators using geo-referenced information.

Published on: 26 October 2001

Topic report No 6/2001

Land cover — Annual topic update 2000

This report summarises the work and products of the EEA's former European Topic Centre on Land Cover (ETC/LC) in 2000 and its achievements since 1995. The report also looks briefly at the main objectives of the new European Topic Centre on Terrestrial Environment (ETC/TE), which has now replaced the ETC/LC.

Published on: 9 August 2001

Topic report No 4/2001

Towards spatial and territorial indicators using land cover data

The present report focuses on the state of development of spatial and territorial indicators based on land cover as contribution to the environmental indicator based reporting. The report summarises the joint efforts during 1999–2000 of the EEA's European Topic Centre on Land Cover (ETC/LC) and the Phare Topic Link for Land Cover (PTL/LC) in this area.

Published on: 6 July 2001

Technical report No 59

Proposal for a European soil monitoring and assessment framework

This report has been prepared in the framework of the EEA annual work programme, as part of the work plan of the former EEA's European Topic Centre on Soil. It contains a proposal for the establishment of a comprehensive framework for monitoring, assessing and reporting on soil conditions in Europe.

Published on: 6 July 2001

Technical report No 61

Land cover — Annual topic update 1999

The *Land cover — annual topic update 1999* provides an overview of progress made in 1999 on monitoring, data collection, information, assessment and reporting on land cover related environmental issues. Special attention is given to the plans for updating the Corine land cover (CLC) database and providing information on land cover and use changes for different policy areas. The report includes a list of available products prepared by ETC/LS during 1999 and plans for further development during 2000.

Published on: 26 October 2000

Topic report No 4/2000

Corine land cover technical guide — Addendum 2000

This technical guide is an addendum to the Corine land cover technical guide, published by the European Commission within the frame of the Corine programme (CEC, 1994). This addendum 2000 was prepared by the EEA's European Topic Centre on Land Cover and Phare Topic Link on Land Cover to support the land cover monitoring activities of the EEA (EEA multi-annual work programme 1998–2002, project 1.3.5 Land cover).

Published on: 29 May 2000

Technical report No 40

Waste and material flows

Assessment of information related to waste and material flows — a catalogue of methods and tools

A brief overview of available tools for assessing information relevant to waste and material flows is given in this technical report. Its objective is to help practitioners select the appropriate methodological tools for addressing the main policy questions related to waste and material flows.

Published on: 17 June 2003

Technical report No 96

Eionet workshop on waste and material flows

This report reflects the content of the 4th annual Eionet waste workshop held in Bratislava, Slovak Republic in October 2001. It covers the main presentations and the outcomes of the discussions held during the various sessions of the workshop, which was attended for the first time by representatives of the new EEA member countries.

Published on: 18 April 2002

Technical report No 63

Hazardous waste generation in EEA member countries

The purpose of this report is to review existing data on hazardous waste in Europe and assess their comparability. Drawing on data from 15 EEA countries and two regions, it uses the European Union's hazardous waste list as a common classification basis for comparing them.

Published on: 15 February 2002

Topic report No 14/2001

Waste — Annual topic update 2000

This report outlines the activities and achievements of the EEA's European Topic Centre on Waste (ETC/W) in 2000, its last year of operation before its mandate was widened to include material flows.

Published on: 3 October 2001

Topic report No 8/2001

Information about waste management facilities in EEA member countries

This study describes the present situation on available data and databases for waste management facilities in EEA countries based on a questionnaire inquiry. Strong and weak points are discussed and possible requirements for improvements are evaluated.

Published on: 26 October 2000

Technical report No 43

Household and municipal waste: Comparability of data in EEA member countries

The report investigates comparability between existing household and municipal waste data for the years 1993–1996 in EEA member countries except Liechtenstein.

Published on: 10 October 2000

Topic report No 3/2000

Waste — Annual topic update 1999

This report outlines the objectives and results of the EEA's European Topic Centre on Waste during 1999.

Published on: 28 August 2000

Topic report No 2/2000

Development and application of waste factors — an overview

The immediate objective of the report is to provide an overview on waste factors, their derivation and application and the experiences made, based on reports and literature available. This report has been prepared by the EEA's European Topic Centre on Waste (ETC/W) as part of the work programme of the EEA.

Published on: 28 August 2000

Technical report No 37

Dangerous substances in waste

This report focuses specifically on environmental risks associated with the main final disposal technologies, landfilling and incineration.

Published on: 14 February 2000

Technical report No 38

Water

Eurowaternet quantity – Technical guidelines for implementation

It is difficult to obtain a comparable overview of how much water is available in Europe due to huge differences in the way countries estimate their water resources. These guidelines propose a new approach to assessing water quantity, which will make national comparisons easier. They form part of Eurowaternet, the EEA's water monitoring and information network.

Published on: 8 September 2003

Technical report No 99

Eurowaternet: towards an index of quality of the national data in Waterbase

This report provides guidance to member countries on quality control procedures for Eurowaternet data which need to be taken into account at national and regional levels. The guidance focuses on quality control of sampling and analysis. It describes tests on the integrity of the data carried out by the EEA's European Topic Centre on Water before the data are uploaded to the Waterbase database. An attempt to develop a semi-quantifiable index of the quality of data held in Waterbase is also described.

Published on: 9 July 2003

Technical report No 98

Eurowaternet: Technical guidelines for implementation in transitional, coastal and marine waters

These technical guidelines detail the content and format of data required by the EEA from the marine conventions and national sources. The information collected on Europe's transitional, coastal and marine waters is used for the production of indicators in the EEA's core indicator set.

Published on: 7 July 2003

Technical report No 97

Testing of indicators for the marine and coastal environment in Europe – Part 3: Present state and development of indicators for eutrophication, hazardous substances, oil and ecological quality

This report describes the present state and development of policy-relevant indicators for eutrophication, hazardous substances, oil and ecological quality in the marine and coastal environment in Europe. The third of three volumes on development of coastal indicators, it focuses on pressure, state and impact indicators.

Published on: 4 July 2003

Technical report No 86

Testing of indicators for the marine and coastal environment in Europe – Part 2: Hazardous substances

This report, the second in a three-volume series on development of coastal indicators by EEA, explains the process and results of a study of potential state and pressure indicators for hazardous substances in coastal waters. Due to a lack of reliable and comparable European data, the testing mainly concentrated on the method for aggregating data on six substances monitored in the North East Atlantic Ocean. The report's primary aim is to test indicators for EEA reporting.

Published on: 5 February 2003

Technical report No 85

Testing of indicators for the marine and coastal environment in Europe. Part 1: Eutrophication and integrated coastal zone management

The development of coastal indicators by EEA in the period 1998–2001 is described in this report, the first of three volumes. It explains the process and results of a study of potential state and pressure indicators for eutrophication. The report also describes the development of, and information gathering for, a response indicator measuring progress in integrated coastal zone management at subnational (regional) level. The report's primary aim is to test indicators for EEA reporting and not to undertake assessments.

Published on: 19 December 2002

Technical report No 84

Remote sensing's contribution to evaluating eutrophication in marine and coastal waters

The aim of this report is to examine whether estimates of the plant pigment chlorophyll-a from satellite data can support the evaluation of eutrophication in European marine and coastal waters. Satellite images are a good indicator of the occurrence of algal blooms in relation to eutrophication but overestimate true chlorophyll-a concentrations in open sea areas by 60–70 % and even more in coastal waters. The report recommends using chlorophyll-a images from March to April/May as an indicator of eutrophication in the North Sea, Skagerrak and Kattegat since they reflect the magnitude of the spring bloom in these areas.

Published on: 13 December 2002

Technical report No 79

Marine and coastal environment — Annual topic update 2000

This report summarises the main activities carried out by the EEA's European Topic Centre on Marine and Coastal Environment in 2000, its final year of operation.

Published on: 14 November 2001

Topic report No 11/2001

Marinebase — Database on aggregated data for the coastline of the Mediterranean, Atlantic, North Sea, Skagerrak, Kattegat and Baltic

As a part of the work programme of the EEA, the Norwegian institute for water research (NIVA) has compiled a first version of a European marine database 'Marinebase'. This database on water quality parameters covers aggregated data related to eutrophication (nutrients, chlorophyll and oxygen in bottom water) and harmful substances (mainly metals in sediments and biota).

Published on: 6 August 2001

Technical report No 58

Inland waters — Annual topic update 2000

This report describes the work carried out by the EEA's European Topic Centre on Inland Waters in 2000 and highlights the progress made.

Published on: 29 June 2001

Topic report No 2/2001

Guidelines of the EC reporting obligations under the Barcelona convention and its protocols in force

The following report, carried out with the support of Garrigues & Andersen, is an in-depth study of the reporting obligations outlined in the framework of the Barcelona Convention on the protection of the Mediterranean Sea against pollution (Barcelona Convention). The report is one of three that the EEA has produced on reporting obligations of environmental conventions, as agreed with Directorate general environment of the European Commission (DG ENV).

Published on: 6 April 2001

Technical report No 45

Marine and coastal environment – Annual topic update 1999

This report presents a summary of the main activities carried out by the EEA's European Topic Centre on Marine and Coastal Environment (ETC/MCE) in 1999 including the development of the database Marinebase and thematic maps and indicators on eutrophication and hazardous substances in European coastal waters.

Published on: 22 January 2001

Topic report No 11/2000

Inland waters – Annual topic update 1999

This report describes the work carried out by the EEA's European Topic Centre on Inland Waters in 1999 and highlights the progress made.

Published on: 28 March 2000

Topic report No 1/2000

Pilot implementation Eurowaternet – Groundwater

Data and information for this report were provided by twelve countries to enable the Agency to successfully test the proposed Eurowaternet methodology for demonstrating the state and trends of groundwater in selected groundwater bodies with reference to nitrate, nitrite, ammonium and dissolved oxygen.

Published on: 28 March 2000

Technical report No 39

Agriculture

Towards agri-environmental indicators: integrating statistical and administrative data with land cover information.

This publication is the result of a close collaboration between four services of the European Commission – Directorates-General for agriculture, environment, Eurostat and the Joint research centre (Ispra) – and the EEA. It presents work carried out by the teams for integrating statistical and administrative data with land cover information. The different articles are a contribution to the development of agri-environment indicators using geo-referenced information.

Published on: 26 October 2001

Topic report No 6/2001

Calculation of nutrient surpluses from agricultural sources – Statistics spatialisation by means of Corine land cover

The assessment of potential losses of agricultural fertilisers to waters require prior calculation of nutrient balance (surplus). This study shows how the use of Corine land cover allows calculating comparable surplus values at the river catchment level, despite heterogeneity and high degree of aggregation of the available statistics for the two test basins (Loire, (F) and Elbe (D, CZ)).

Published on: 29 January 2001

Technical report No 51

Fisheries

An indicator-based approach to assessing the environmental performance of European marine fisheries and aquaculture

This scoping study forms the basis for the EEA's present and future development of indicators on fisheries and aquaculture. Based on a review of fisheries and aquaculture indicators developed by international and regional fisheries and environmental organisations, it presents a list of 52 potential candidate indicators. Twenty-nine of these are being recommended for inclusion in a core set of indicators on fisheries and aquaculture for coastal and marine as well as inland waters. A storyline links these indicators to each other and relates them to policy objectives.

Published on: 31 March 2003

Technical report No 87

Transport

National and central estimates for air emissions from road transport

This report evaluates emissions of greenhouse gases and air pollutants (CO₂, NO_x, VOCs) from road transport in the 15 EU Member States between 1981 and 1998 as well as emission projections to 2010/2020, based on information available at the end of 2000. It also compares different methods for preparing emission projections and proposes several actions to improve their quality. The report provides background information for transport emission indicators included in the EEA's publications *Environmental signals 2001* and *TERM 2001*.

Published on: 30 May 2002

Technical report No 74

Copert III Computer programme to calculate emissions from road transport – User manual

This report is designed in order to help Copert III users to produce in a short time a complete annual national emission data set from road transport (and off road machinery). The manual is divided in several chapters. The different chapters include all information needed to build a complete data set, assuming that the user has no former experience in using Copert III but he is quite familiar with the methodology and the terminology used.

Published on: 27 November 2000

Technical report No 50

Copert III Computer programme to calculate emissions from road transport – Methodology and emission factors

This report is the third update of the initial version for the Corinair 1985 emissions inventory (1989) and firstly updated in 1991 for the Corinair 1990 inventory (1993) and included in the *Atmospheric emission inventory guidebook* (1996). The second update of the methodology (1997) was introduced in the software tool Copert II (1997) and a further update of the Guidebook was prepared.

Published on: 22 November 2000

Technical report No 49

Information systems

EEA core set of indicators – Guide

This guide provides information on the quality of the 37 indicators in the EEA core set. Its primary role is to support improved implementation of the core set in the EEA, EEA's European Topic Centres and the European environment information and observation network (Eionet). In parallel, it is aimed at helping users outside the EEA/Eionet system make best use of the indicators in their own work. It is hoped that the guide will promote cooperation on improving indicator methodologies and data quality as part of the wider process to streamline and improve environmental reporting in the EU and beyond.

Published on: 6 April 2005

Technical report No 1/2005

Development of common tools and an information infrastructure for the shared European environment information system

The elements of a new data collection network called Reportnet are described in this report, which reflects a shared concern among the major stakeholders that European environmental reporting needs to be revised. The elements described consist of developing of an environmental information infrastructure and a set of new services based on it, aimed at streamlining reporting as well as making it less burdensome.

Published on: 13 December 2002

Technical report No 83

Land and commerce registry as an instrument for sustainability

This 'experts corner' report examines how land and mercantile registries can be used as legal instruments for environmental protection. It comprises a set of coordinated papers analysing different aspects of the issue.

Published on: 2 October 2002

Technical report No 88

Implications of EEA/EU enlargement for state-of-the-environment reporting in the EU and EEA Member States

This report examines the implications for national and European state-of-the-environment reports of the forthcoming enlargement of the EU from 15 Member States to as many as 28 over the next decade. It results from discussions among state-of-the-environment reporting practitioners from over 30 European countries gathered in the EEA expert group on guidelines and state-of-the-environment reporting.

Published on: 27 September 2002

Technical report No 82

DAFIA II – further development of data-flow analysis for integrated assessments

This report describes the further development of data-flow analysis for integrated assessment (DAFIA) as a tool for supporting data delivery and data manipulation. DAFIA focuses on visualisation of data flows for structuring the coherence of core indicators. It will be applicable as a planning tool in integrated assessments and for documenting data used and results achieved.

Published on: 24 May 2002

Technical report No 72

The ShAIR scenario

Recent efforts to improve the integrated assessment approach to air pollution and greenhouse gases are documented in this report. Among other things, the study evaluates the methodologies used in the baseline scenario developed for the EEA's report *Environment in the European Union at the Turn of the Century* and presents revised projections for air pollution and CO₂ emissions.

Published on: 8 March 2002

Topic report No 12/2001

Data collection guidelines for the Kiev report

This technical report aims to provide guidance to all involved in data collection for the indicator-based state of the environment report that the EEA has been asked to provide for the next conference of environment ministers of all European countries, to be held in Kiev in May 2003. The report summarises current knowledge of the contents of international databases to be used for the Kiev report.

Published on: 13 November 2001

Technical report No 66

Participatory integrated assessment methods

This report gives a critical appraisal of participatory methods of Integrated environmental assessment (IEA) and evaluates the applicability of these methods to the EEA's work on IEA's. The report is a background document on using participatory integrated assessments in the context of preparations for the EEA's next report on the state of and outlook for the Pan-European environment, scheduled for publication in 2004/2005.

Published on: 13 September 2001

Technical report No 64

EEA support to the European Community in reporting obligations within the framework of international environmental conventions

This report provides the first compendium of the 64 international environmental conventions signed and ratified by the European Community as well as a 'road map' of the main reporting obligations arising from them. The report is intended to clarify the obligations and to contribute to efforts initiated by UNEP to streamline them and thus prevent 'reporting fatigue' among public authorities.

Published on: 9 July 2001

Technical report No 62

Guide to tools

This technical report summarises the software developments performed by the ETC/CDS from the year 1996 to the year 2000. The available instruments form a well tested toolbox for anybody who wants to register environmental information for the purpose of facilitating and improving the access to this information.

Published on: 13 February 2001

Technical report No 44

Establishment of a European green (and sustainable) chemistry award

Green and sustainable chemistry is a new concept and research area. The EEA has taken the initiative to investigate the possibilities to establish a European green and sustainable chemistry award. This report illustrates the contest and the steps to establish such award.

Published on: 5 February 2001

Technical report No 53

Questions to be answered by a state-of-the-environment report – The first list

This document is the final report of a study undertaken by the EEA together with its expert group on guidelines and the state-of-the-environment reporting in 1999–2000. It lists questions of policy makers and the general public that could be used to set up a state of the environment report or an environmental indicator report. It should be seen as a 'living' document that can be amended in the future through new versions, and certainly not as a definitive and universal one.

Published on: 11 October 2000

Technical report No 47

Condensed list of reports 2000–2005, by series

Environmental assessment reports (2000–2003)

- 3 (2000): *Groundwater quality and quantity in Europe*
- 4 (2000): *Nutrients in European ecosystems*
- 5 (2000): *State and pressure of the marine and coastal Mediterranean environment*
- 6 (2000): *Environmental signals 2000*
- 7 (2000): *Sustainable use of Europe's water? State, prospects and issues*
- 8 (2001): *Environmental signals 2001*
- 9 (2002): *Environmental signals 2002 — Benchmarking the millennium*
- 10 (2003): *Europe's environment: the third assessment*

Environmental issue reports (2000–2004)

- 9 (2000): *Information tools for environmental policy under conditions of complexity*
- 12 (2000): *Are we moving in the right direction? Indicators on transport and environmental integration in the EU*
- 14 (2001): *Material flow-based indicators in environmental reporting*
- 15 (2000): *The dissemination of the results of environmental research*
- 16 (2000): *Down to earth: Soil degradation and sustainable development in Europe*
- 17 (2000): *Cloudy crystal balls: An assessment of recent European and global scenario studies and models*
- 18 (2000): *Environmental taxes — Recent developments in tools for integration*
- 19 (2001): *Sustainable water use in Europe — Part 2: Demand management*
- 20 (2001): *Environmental benchmarking for local authorities: From concept to practice*
- 21 (2001): *Sustainable water use in Europe — Part 3: Extreme hydrological events: floods and droughts*
- 22 (2002): *Late lessons from early warnings: the precautionary principle 1896–2000*
- 23 (2001): *TERM 2001 — Indicators tracking transport and environment integration in the European Union*
- 24 (2001): *Scenarios as tools for international environmental assessments*
- 25 (2001): *Reporting on environmental measures: Are we effective?*
- 26 (2001): *Designing effective assessments: The role of participation, science and governance, and focus*
- 27 (2001): *Renewable energies: success stories*
- 28 (2002): *Genetically modified organisms (GMOs): The significance of gene flow through pollen transfer*
- 29 (2002): *Children's health and environment: A review of evidence*
- 30 (2002): *Towards an urban atlas: Assessment of spatial data on 25 European cities and urban areas*
- 31 (2002): *Energy and environment in the European Union*
- 32 (2002): *Paving the way for EU enlargement — Indicators of transport and environment integration*
- 33 (2002): *Greenhouse gas emission trends and projections in Europe, 2002*
- 35 (2004): *Mapping the impacts of recent natural disasters and technological accidents in Europe*
- 36 (2003): *Greenhouse gas emission trends and projections in Europe, 2003*
- 37 (2004): *Agriculture and the environment in the EU accession countries*
- 38 (2004): *Arctic environment: European perspectives*

EEA reports (2004–2005)

- 1/2004: *High nature value farmland — Characteristics, trends and policy challenges*
 2/2004: *Impacts of Europe's changing climate*
 3/2004: *Ten key transport and environment issues for policy-makers*
 5/2004: *Greenhouse gas emission trends and projections in Europe 2004*
 1/2005: *Climate change and a European low-carbon energy system*
 2/2005: *Effectiveness of urban wastewater treatment policies in selected countries: an EEA pilot study*
 3/2005: *Effectiveness of packaging waste management systems in selected countries: an EEA pilot study*
 4/2005: *European Environment Outlook*
 5/2005: *Priority issues in the Mediterranean environment*

EEA briefings (2003–2005)

- 1/2003: *Status of Europe's water*
 1/2004: *Halting the loss of biodiversity in Europe*
 2/2004: *Energy subsidies and renewables*
 3/2004: *Transport and environment in Europe*
 4/2004: *Transport biofuels: exploring links with the energy and agriculture sectors*
 1/2005: *Climate change and river flooding in Europe*
 2/2005: *How much biomass can Europe use without harming the environment?*

Topic reports (2000–2003)

- 1/2000: *Inland Waters — Annual topic update 1999*
 2/2000: *Waste — Annual topic update 1999*
 3/2000: *Household and municipal waste: Comparability of data in EEA member countries*
 4/2000: *Land Cover — Annual topic update 1999*
 5/2000: *Nature Conservation — Annual topic update 1999*
 6/2000: *European Community and Member States greenhouse gas emission trends 1990–1998*
 7/2000: *Air Quality — Annual topic update 1999*
 8/2000: *Air Emissions — Annual topic update 1999*
 9/2000: *Emissions of atmospheric pollutants in Europe, 1980–1996*
 10/2000: *Air pollution by ozone in Europe in 1998 and summer 1999*
 11/2000: *Marine and Coastal Environment — Annual topic update 1999*
 1/2001: *Air pollution by ozone in Europe in 1999 and the summer of 2000*
 2/2001: *Inland Waters — Annual topic update 2000*
 3/2001: *Air quality in larger cities in the European Union*
 4/2001: *Land cover — Annual topic update 2000*
 5/2001: *Air Emissions — Annual topic update 2000*
 6/2001: *Towards agri-environmental indicators: integrating statistical and administrative data with land cover information*
 7/2001: *Eutrophication in Europe's coastal waters*
 8/2001: *Waste — Annual topic update 2000*

-
- 9/2001: *Air Quality — Annual topic update 2000*
 - 10/2001: *European Community and Member States greenhouse gas emission trends 1990–1999*
 - 11/2001: *Marine and coastal environment — Annual topic update 2000*
 - 12/2001: *The ShAIR scenario*
 - 13/2001: *Air pollution by ozone in Europe in summer 2001*
 - 14/2001: *Hazardous waste generation in EEA member countries*
 - 15/2001: *Biodegradable municipal waste management in Europe*
 - 16/2001: *Air quality in the Phare countries 1997*
 - 1/2002: *Analysis and comparison of national and EU-wide projections of greenhouse gas emissions*
 - 2/2002: *Case studies on waste minimisation practices in Europe*
 - 3/2002: *Nature conservation Annual topic update 2000*
 - 4/2002: *Air quality in Europe: state and trends 1990–1999*
 - 5/2002: *Emissions of atmospheric pollutants in Europe, 1990–1999*
 - 6/2002: *Air pollution by ozone in Europe in summer 2002*
 - 7/2002: *Greenhouse gas emission trends in Europe, 1990–2000*
 - 1/2003: *Europe's water: An indicator-based assessment*
 - 2/2003: *Hazardous substances in the European marine environment — Trends in metals and persistent organic pollutants*
 - 3/2003: *Air pollution by ozone in Europe in summer 2003*
 - 4/2003: *Air pollution in Europe 1990–2000*

Technical reports (2000–2003)

- 30 (2004): *EMEP/Corinair Emission Inventory Guidebook. Third edition*
- 34 (2000): *The Global Biodiversity Information Facility — Architectural and Implementation Issues*
- 37 (2000): *Development and application of waste factors — an overview*
- 38 (2000): *Dangerous substances in waste*
- 39 (2000): *Pilot implementation Eurowaternet — Groundwater*
- 40 (2000): *Corine land cover technical guide — Addendum 2000*
- 41 (2000): *Annual European Community Greenhouse Gas Inventory 1990–1998*
- 43 (2000): *Information about waste management facilities in EEA member countries*
- 44 (2001): *Guide to Tools*
- 45 (2001): *Guidelines of the EC reporting obligations under the Barcelona convention and its protocols in force*
- 46 (2001): *The EU reporting obligations under the United Nations Framework Convention on Climate Change (UNFCCC) and the monitoring mechanism*
- 47 (2000): *Questions to be answered by a state-of-the-environment report — The first list*
- 48 (2000): *Evaluation of the Air Quality Model Documentation System*
- 49 (2000): *Copert III Computer programme to calculate emissions from road transport — Methodology and emission factors*
- 50 (2000): *Copert III Computer programme to calculate emissions from road transport — User manual*
- 51 (2001): *Calculation of nutrient surpluses from agricultural sources — Statistics spatialisation by means of Corine land cover*
- 52 (2000): *Annual European Community CLRTAP emission inventory 1980–1998*
- 53 (2001): *Establishment of a European Green (and Sustainable) Chemistry Award*
- 54 (2001): *Business and the environment: current trends and developments in corporate reporting and ranking*
- 55 (2001): *Total material requirement of the European Union*
- 56 (2001): *Total material requirement of the European Union — Technical part*

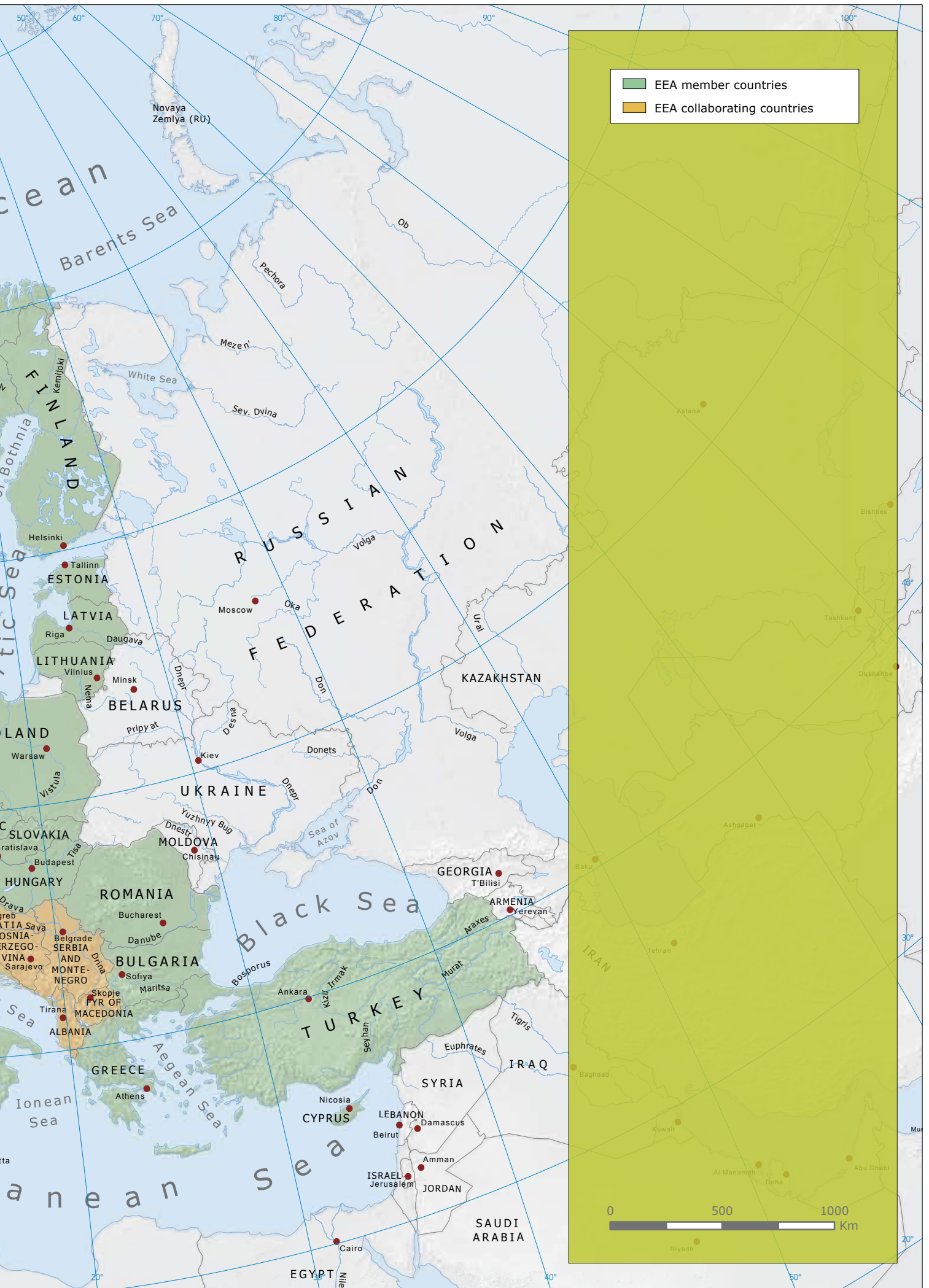
-
- 57 (2001): *Eionet workshop on air quality monitoring and assessment*
- 58 (2001): *Marinebase — Database on aggregated data for the coastline of the Mediterranean, Atlantic, North Sea, Skagerrak, Kattegat and Baltic*
- 59 (2001): *Towards spatial and territorial indicators using land cover data*
- 60 (2001): *Annual European Community Greenhouse Gas Inventory 1990–1999*
- 61 (2001): *Proposal for a European soil monitoring and assessment framework*
- 62 (2001): *EEA support to the European Community in reporting obligations within the framework of international environmental conventions*
- 63 (2002): *Eionet workshop on waste and material flows*
- 64 (2001): *Participatory integrated assessment methods*
- 65 (2001): *Waste management facilities — Electronic catalogue*
- 66 (2001): *Data collection guidelines for the Kiev report*
- 67 (2001): *European soil monitoring and assessment framework*
- 68 (2001): *Road freight transport and the environment in mountainous areas*
- 69 (2002): *Review of selected waste streams*
- 70 (2002): *Towards a global biological information infrastructure*
- 71 (2002): *The rivers of the Black Sea*
- 72 (2002): *DAFIA II — further development of data-flow analysis for integrated assessments*
- 73 (2002): *Annual European Community CLRTAP emission inventory 1990–1999*
- 74 (2002): *National and central estimates for air emissions from road transport*
- 75 (2002): *Annual European Community Greenhouse Gas Inventory 1990–2000 and Inventory Report 2002*
- 76 (2002): *Second technical workshop on contaminated sites*
- 77 (2003): *Greenhouse gas emission — projections for Europe*
- 78 (2002): *Eionet technical workshop on indicators for soil contamination*
- 79 (2002): *Remote sensing's contribution to evaluating eutrophication in marine and coastal waters*
- 80 (2002): *Proceedings of the Technical Workshop on Indicators for Soil Sealing*
- 81 (2002): *Assessment of data needs and data availability for the development of indicators on soil contamination*
- 82 (2002): *Implications of EEA/EU enlargement for state-of-the-environment reporting in the EU and EEA Member States*
- 83 (2002): *Development of common tools and an information infrastructure for the shared European environment information system*
- 84 (2002): *Testing of indicators for the marine and coastal environment in Europe. Part 1: Eutrophication and integrated coastal zone management*
- 85 (2003): *Testing of indicators for the marine and coastal environment in Europe — Part 2: Hazardous substances*
- 86 (2003): *Testing of indicators for the marine and coastal environment in Europe — Part 3: Present state and development of indicators for eutrophication, hazardous substances, oil and ecological quality*
- 87 (2003): *An indicator-based approach to assessing the environmental performance of European marine fisheries and aquaculture*
- 88 (2003): *Land and commerce registry as an instrument for sustainability*
- 89 (2003): *Corine land cover update 2000: Technical guidelines*
- 90 (2003): *Euroairnet — Status report 2000*
- 91 (2001): *Annual European Community CLRTAP emission inventory 1990–2000*
- 92 (2004): *An inventory of biodiversity indicators in Europe, 2002*
- 93 (2004): *Exploring the ancillary benefits of the Kyoto Protocol for air pollution in Europe*
- 94 (2003): *Assessment and reporting on soil erosion*
- 95 (2003): *Annual European Community greenhouse gas inventory 1990–2001 and inventory report 2003*
- 96 (2003): *Assessment of information related to waste and material flows — a catalogue of methods and tools*

-
- 97 (2003): *Eurowaternet: Technical guidelines for implementation in transitional, coastal and marine waters*
98 (2003): *Eurowaternet: towards an index of quality of the national data in Waterbase*
99 (2003): *Eurowaternet Quantity — Technical guidelines for implementation*

EEA technical reports (2004–2005)

- 1/2004: *Energy subsidies in the European Union: A brief overview*
2/2004: *Annual European Community greenhouse gas inventory 1990–2002 and inventory report 2004*
3/2004: *Transport price signals*
4/2004: *Analysis of greenhouse gas emission trends and projections in Europe 2003*
5/2004: *Air pollution and climate change policies in Europe: exploring linkages and the added value of an integrated approach*
6/2004: *Annual European Community CLRTAP emission inventory 1990–2002*
7/2004: *Analysis of Greenhouse gas emission trends and projections in Europe 2004*
1/2005: *EEA core set of indicators — Guide*
2/2005: *Environmental policy integration in Europe — State of play and an evaluation framework*
3/2005: *Air pollution by ozone in Europe in summer 2004*
4/2005: *Annual European Community greenhouse gas inventory 1990–2003 and inventory report 2005*
5/2005: *Environmental policy integration in Europe — Administrative culture and practices*





European Environment Agency

The European environment — State and outlook 2005

2005 — 576 pp. — 21 x 29.7 cm

ISBN 92-9167-776-0

SALES AND SUBSCRIPTIONS

Publications for sale produced by the Office for Official Publications of the European Communities are available from our sales agents throughout the world.

How do I set about obtaining a publication?

Once you have obtained the list of sales agents, contact the sales agent of your choice and place your order.

How do I obtain the list of sales agents?

- Go to the Publications Office website <http://publications.eu.int/>
- Or apply for a paper copy by fax +352 2929 42758

European Environment Agency
Kongens Nytorv 6
1050 Copenhagen K
Denmark

Tel.: +45 33 36 71 00
Fax: +45 33 36 71 99

Web: www.eea.eu.int
Enquiries: www.eea.eu.int/enquiries

Price (excluding VAT): EUR 55.00

