

# **THE EUROPEAN ENVIRONMENT**

## **STATE AND OUTLOOK 2005**

# List of contents

<b>Foreword</b> .....	<b>8</b>
<b>Introduction</b> .....	<b>10</b>
<b>Executive summary</b> .....	<b>16</b>
<b>Setting the scene</b>	
1 Environment and quality of life.....	28
2 The changing face of Europe.....	36
<b>Atmospheric environment</b>	
3 Climate change.....	62
4 Air pollution and health.....	92
<b>Aquatic environment</b>	
5 Freshwaters.....	112
6 Marine and coastal environment.....	132
<b>Terrestrial environment</b>	
7 Soil.....	168
8 Biodiversity.....	182
<b>Integration</b>	
9 Environment and economic sectors.....	216
10 Looking ahead.....	232

## **PART B | Core set of indicators**

<b>Setting the scene</b>	255
<b>Air pollution and ozone depletion</b>	
01 Emissions of acidifying substances	256
02 Emissions of ozone precursors	260
03 Emissions of primary particles and secondary particulate precursors	264
04 Exceedance of air quality limit values in urban areas	268
05 Exposure of ecosystems to acidification, eutrophication and ozone	272
06 Production and consumption of ozone depleting substances	276
<b>Biodiversity</b>	
07 Threatened and protected species	280
08 Designated areas	284
09 Species diversity	288
<b>Climate change</b>	
10 Greenhouse gas emissions and removals.....	292
11 Projections of greenhouse gas emissions and removals.....	296
12 Global and European temperature.....	300
13 Atmospheric greenhouse gas concentrations.....	304

<b>Terrestrial</b>	
14 Land take.....	308
15 Progress in management of contaminated sites.....	312
<b>Waste</b>	
16 Municipal waste generation.....	316
17 Generation and recycling of packaging waste.....	320
<b>Water</b>	
18 Use of freshwater resources.....	324
19 Oxygen consuming substances in rivers.....	328
20 Nutrients in freshwater.....	332
21 Nutrients in transitional, coastal and marine waters.....	336
22 Bathing water quality.....	340
23 Chlorophyll in transitional, coastal and marine waters.....	344
24 Urban wastewater treatment.....	348
<b>Agriculture</b>	
25 Gross nutrient balance.....	352
26 Area under organic farming.....	356
<b>Energy</b>	
27 Final energy consumption by sector.....	360
28 Total energy intensity.....	364
29 Total energy consumption by fuel.....	368
30 Renewable energy consumption.....	372
31 Renewable electricity.....	376
<b>Fisheries</b>	
32 Status of marine fish stocks.....	380
33 Aquaculture production.....	384
34 Fishing fleet capacity.....	388
<b>Transport</b>	
35 Passenger transport demand.....	392
36 Freight transport demand.....	396
37 Use of cleaner and alternative fuels.....	400
<b>Setting the scene — main results.....</b>	<b>408</b>
<b>EEA scorecard.....</b>	<b>412</b>
<b>Thematic assessment</b>	
Greenhouse gas emissions.....	414
Total energy consumption.....	416
Renewable electricity.....	418
Emissions of acidifying substances.....	420
Emissions of ozone precursors.....	422
Freight transport demand.....	424

Area under organic farming .....	426
Municipal waste generation .....	428
Use of freshwater resources .....	430
<b>Country perspectives</b> .....	<b>432</b>
Austria .....	434
Belgium .....	436
Bulgaria .....	438
Cyprus .....	440
Czech Republic .....	442
Denmark .....	444
Estonia .....	446
Finland .....	448
France .....	450
Germany .....	452
Greece .....	454
Hungary .....	456
Iceland .....	458
Ireland .....	460
Italy .....	462
Latvia .....	464
Liechtenstein .....	466
Lithuania .....	468
Luxembourg .....	470
Malta .....	472
The Netherlands .....	474
Norway .....	476
Poland .....	478
Portugal .....	480
Romania .....	482
Slovak Republic .....	484
Slovenia .....	486
Spain .....	488
Sweden .....	490
Switzerland .....	492
Turkey .....	494
United Kingdom .....	496
<b>Methodology and main decision points</b> .....	<b>498</b>
<b>Ranking graphs</b> .....	<b>508</b>

## **PART D | Bibliography**

<b>Introduction</b>	529
<b>Previous state-of-the-environment reports</b> .....	530
<b>Signals reports</b> .....	531
<b>Reports 2000-2005, by theme:</b>	
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
<b>Condensed list of reports 2000-2005, by series:</b>	
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