



# **European Environment Agency**

## **Annual Management Plan 2013**

**Copenhagen, 3 January 2013**

## **EEA in brief**

The European Environment Agency (EEA) is a specialised agency of the European Union dedicated to providing timely, targeted, relevant and reliable information on all aspects of the environment. The aim of the EEA is to ensure that decision-makers and the general public are kept informed about the state and outlook of the environment. The EEA also provides the necessary independent scientific knowledge and technical support to enable the Union and member countries take appropriate measures to protect and improve the environment as laid down by the Treaty and by successive Community action programmes on the environment and sustainable development. The EEA works in partnership with government departments and agencies, international conventions and UN bodies, the scientific, technical and research communities, private sector and civil society.

The EEA undertakes a comprehensive range of integrated environmental and thematic assessments. These include a five-yearly state and outlook of the environment report, thematic and sectoral assessments, analyses of the effectiveness of policy measures, forward studies and the impacts of globalization on Europe's environment and resources. The EEA is an important source and custodian of up to date environmental data and indicators, and a key provider of environmental knowledge and information services.

The European Environment Agency (EEA) and the European environment information and observation network (Eionet) were established by EEC Regulation 1210/90 on 7 May 1990<sup>1</sup>. The decision to locate the Agency in Copenhagen was taken in 1993 and the EEA became operational in 1994. The founding regulation sets out a number of tasks (article 2) and priority areas (article 3) for the EEA, which are addressed through its multi-annual and annual work programmes.

The EEA annual work programme 2013 outlined below is the fifth work programme of the EEA 2009-2013 strategy. It is based on six strategic areas; four covering the thematic work of the EEA, information services and communications, and two covering governance, partnerships and administration of the EEA, as follows:

1. Environmental themes
2. Cross-cutting themes
3. Integrated environmental assessment
4. Information services and communications
5. EEA governance and partnerships
6. EEA internal management and administration

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<sup>1</sup> As amended by EC Regulation 933/1999 of 29 April and EC Regulation 1641/2003 of the European Parliament and Council of 22 July 2003) and as most recently codified, without substantive changes, by Regulation (EC) No 401/2009 of the European Parliament and the Council, entering into force on 10 June 2009 so by repealing Regulations 1210/90, 993/1999 and 1641/2003.

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## **I. EEA mission statement, vision and strategic objectives**

The European Environment Agency aims to support sustainable development and to help achieve significant and measurable improvement in Europe's environment through the provision of timely, targeted, relevant and reliable information to policy-making agents and the public.

The EEA vision is to become recognised as the world's leading body for the provision of European environmental data, information, knowledge and assessments.

The core objective of the EEA 2009-2013 strategy is to continue to produce European, regional and global environment-related data and indicator sets, integrated environmental assessments and thematic analyses in order to provide a sound decision basis for the EU and member countries' environmental policies.

### **The EEA's 8 key strategic objectives**

EEA's 2009-2013 strategy and multiannual work programme identifies the following 8 key strategic objectives for this period:

1. Support the development and implementation of European environment policies and related areas;
2. Monitor the effectiveness of environmental policies of the EU and the EEA member countries as well as the candidate countries other than those already EEA member and potential candidates
3. Support the monitoring of the EU Sustainable Development Strategy focusing on core environmental issues;
4. Undertake integrated environmental assessments and analyses of the 6th Environment Action Programme and EU Sustainable Development Strategy, themes, early warnings and futures studies linked to changes in societal and economic structures;
5. Provide access to more regularly updated information and where possible near real-time data, through the shared environmental information system;
6. Anticipate new ideas and thinking especially about ecosystem services, resource use and emerging technologies and innovations and behavioural changes;
7. Help ensure through effective communications and information services, that environmental thinking be brought into the mainstream of decision-making and the daily lives of European citizens, and
8. Develop new web-based services to support all the above.

To assure the relevance and quality of the data, information and analyses provided, the annual work programme will be undertaken with Eionet partners (national focal points, national reference centres and European Topic Centres), co-operating countries and a wide range of partner institutions, including the European Commission's Directorate Generals, government departments and agencies, international conventions and UN bodies, the scientific technical and research communities, private sector and civil society.

## **II. Key activities for 2013**

The 2013 annual Work Programme is the fifth and last year of the EEA's 2009-2013 strategy and multiannual work programme. It builds on the work of the previous four years, with the aim of i) completing the existing five-year strategy and multiannual work programme, ii) setting out the basis for the next strategy and iii) developing a longer term vision of how the EEA might best support key policy areas, by identifying the kind of initiatives that would help address the key challenges facing Europe and the world today.

The EEA works in partnership with a series of DGs, the extent to which varies according to ongoing co-operation and processes under the various thematic and sectoral areas. In light of the Horizon 2020 research agenda, co-operation with the Research DGs will be further explored.

### **Commission Work programme 2013**

A key driver for the EEA 2013 Annual Work Programme is also the Commission work programme (COM) for 2013 which highlights a number of areas of relevance to the EEA.

*COM Implementation* "Timely adoption and full implementation of these measures would send a crucial signal of confidence to citizens and to investors, helping to reinvigorate economic activity and stimulating much needed job creation. In 2013 the Commission will devote much effort to implementation as an immediate way of delivering on the benefits of EU action."

**EEA response:** the EEA is mapping out a range of pilot activities and studies with DG ENV, ESTAT and JRC on implementation in the areas of air, water, waste and nature to help to develop a better understanding of what is working and what is missing.

*COM Information networks* An important element of the Commission 2013 work programme is to focus attention on the need for a fully integrated interconnected secure telecoms and information network infrastructure which is affordable, accessible and efficient. Accelerating the roll out of the digital economy will bring benefits across all sectors, through enhanced productivity, efficiency and innovation. Europe must have state-of-the-art digital networks to retain and build its global competitive position, to be able to handle the explosion in internet use and exchange of data and to fully exploit the efficiency gains and innovative services allowed by major online developments. The same thinking is also seen as a necessary part of the energy and transport discussion.

*Differentiated national approaches and a variety of barriers are holding back competitiveness, investment and the potential for innovation in areas such as smart grids and meters, telecoms and intelligent energy and mobility systems. A lack of interoperability will also increase costs, and delay modernisation in many areas.*

**EEA response:** Eye on Earth is already providing solutions for many aspects of interoperability using agile technology, extending to smart grids and meters, sensor web enablement, semantic webs and ontologies and the integration of services based on proprietary and open data standards. As a global public service it will provide the backbone for helping to deliver e-government and geospatial information.

*COM Resource efficiency* There is untapped potential for the EU economy to be more innovative, productive and competitive whilst using fewer resources and reducing environmental damage. Less waste should be produced and more re-used and recycled in line with the practice of the best performing Member States. Greater resource efficiency would contribute to growth, jobs and enhanced competitiveness, with reduced costs for business as well as significant benefits for health and the environment, lower greenhouse gas emissions, contained energy bills and new opportunities created for innovation and investment. The EU is particularly well-placed to give policy the long-term dimension required.

**EEA response:** the integration of resource efficiency with issues such as air quality, health, use of natural capital, ecosystem services, materials, waste and recycling will be underpinned by the work on indicators, ecosystem assessment and environmental accounting in the context of the green and blue economy.

*COM Sustainable development and Rio +20* As the Millennium Development Goals (MDG) Summit approaches in 2015, the EU is working to fulfil its commitments on development

*assistance, as well as pursuing specific goals of sustainable growth and resilience in the face of crisis. It also continues to pursue key negotiations such as reaching a new international climate agreement by 2015. At the same time, as the new generation of external action instruments is finalised, 2013 will be a key year for ensuring that the EU's new development policy orientation – the Agenda for Change – is mainstreamed throughout our relationship with our partners, with a new focus on good governance, inclusive and sustainable growth and stimulating investment in developing countries. With 2013 marked as the European Year of Citizens, the Citizenship Report will review progress in ensuring that EU citizens can readily exercise their rights and identify future action.*

**EEA response:** the development of well-being and support to the SDG developments within the UN and at European level; plus the support for more citizen science programmes to increase participation in addressing environmental issues.

*COM Europe as a global actor Promoting our values in our immediate neighbourhood and beyond is a priority, by building partnerships with third countries and promoting multilateral solutions to common problems. Collectively, the EU is the largest donor of funds for development cooperation, climate finance and humanitarian aid in the world. We are also the world's largest trading partner. When we can deploy the Union's and Member States' resources in an effective and consistent way beyond our borders, and bring together the wide range of instruments available, the EU can have greater impact and influence on the world around us. This helps to deliver the goals of growth, stability and democracy and to meet the goals of policies like tackling poverty and boosting peace and security, as well as pursuing policies like addressing climate change, the environment, transport and energy, and optimising the opportunities for international cooperation in areas such as science and technology. In the year of Croatia's accession, the enlargement process and the neighbourhood strategy continue to provide key tools to support positive change in partners on the EU's doorstep.*

**EEA response:** At the global level EEA is a key institution in providing solutions and unified approaches where needed on the EEA-Eionet model and the state of the environment reporting and assessment. This includes in particular helping to build up capacities to undertake environmental reporting in the European neighbourhood east and south and the gradual extension of SEIS in the region. The Rio+20 outcome document (paragraph 274) and the GEO-GEOSS 2012-2015 Workplan recognise the global contributions of Eye on Earth, especially in the area of citizen science.

### **Major EEA priorities in 2013**

- i) European Commission's Year of Air and the review of air policy where the EEA will publish its third Annual Air Quality Report, update the analysis of the costs of air pollution from industrial facilities in Europe and finalise jointly with DG Environment the air implementation pilot project;
- ii) Resource Efficiency, the Green Economy, Ecosystem and natural capital accounting and assessments, and follow-up of Rio+20 by contributing to the global initiatives on well-being and sustainable development indicators as part of the goal setting for post 2015. The EEA will continue to contribute to the set of Resource Efficiency indicators; publish a first experimental set of ecosystem capital accounts for Europe; provide an analysis of ecosystem and resource management in relation to uncertainty, planetary boundaries and tipping points; produce an analysis of pathways to a Green Economy in Europe; produce reports on economic instruments for resource efficiency and the 2013 indicators report on resources human health and well-being; and produce a first set of forward looking indicators and scenarios for integrated resource use and

decoupling in collaboration with members of the UNEP International resource Panel;

iii) Climate change mitigation and adaptation, where EEA will support the implementation of the revised Monitoring Mechanism (on greenhouse gases) as well as the implementation of the new strategy on adaptation to climate change to make Europe more resilient;

iv) Implementation and development of ICT, including GMES, SEIS and Inspire to support environmental observation, monitoring, reporting and assessment and the further development of tools and applications for citizen science within Eye on Earth as part of the Year of the Citizen; and

v) Support the implementation of SEIS and Inspire within the EEA countries, the European Neighbourhood (east and south), Russia and inter alia the Mediterranean and the Arctic.

Communications and public outreach will focus on Air and Resource efficiency/Green Economy, and "Late lessons from early warnings" working alongside the day to day communications support to all thematic and cross-cutting areas as well as corporate communications.

There will be one key external activity in 2013, when the Agency holds its spring NFP-Eionet meeting back to back with the first user conference of Eye on Earth in Dublin. This is part of an information week focusing on geospatial information organised with the support of the Irish EU Presidency. The week also includes the Joint Research Centre's ENVIROFI meeting, the EUROGI meeting and the US-EU annual Ecoinformatics meeting. The estimated budget is approximately 95 k€. The venue facilities are kindly offered by the Irish Presidency.

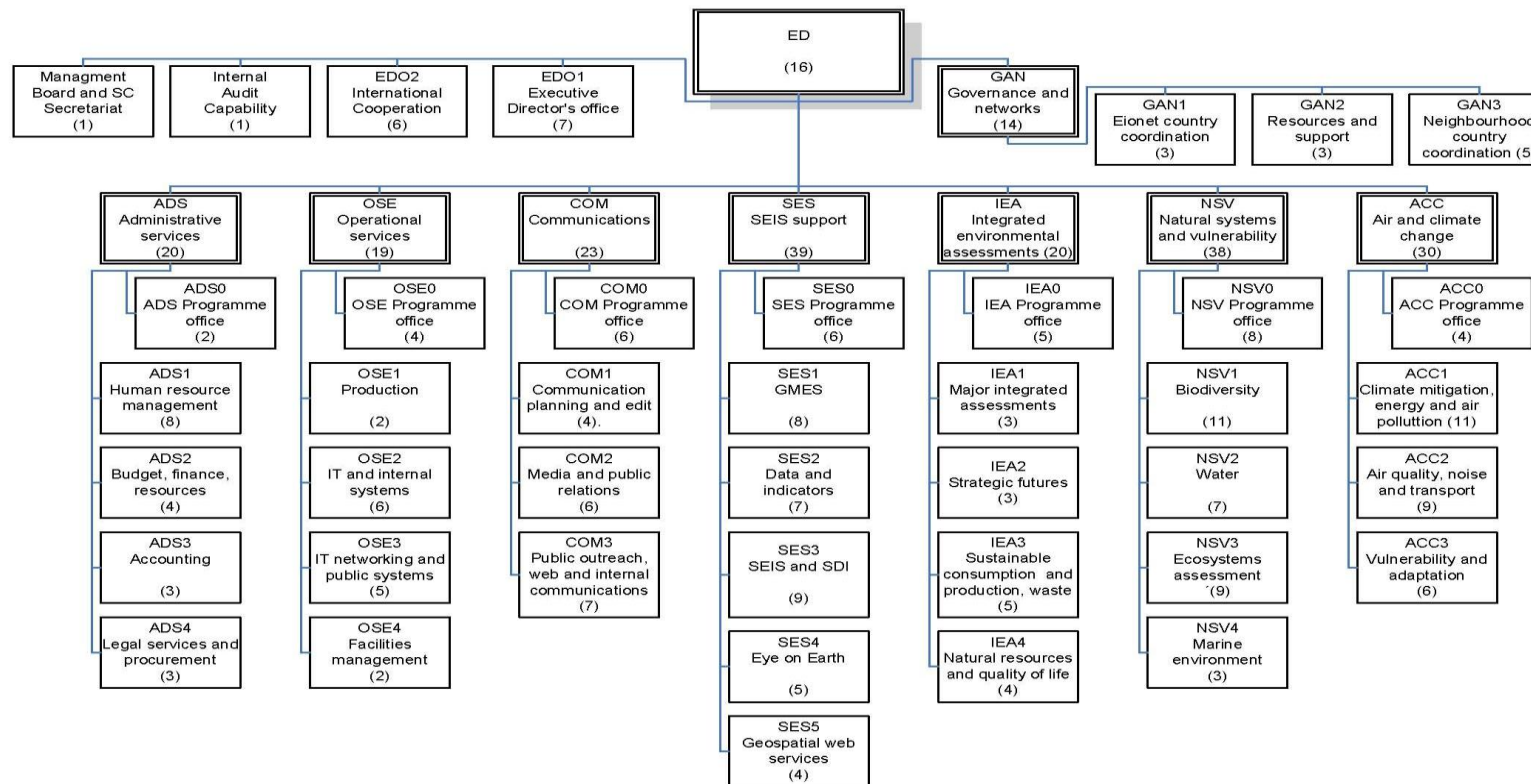
### **Description of 2013 annual work programme activities**

The table includes the following information under each thematic area:

- Type of work (e.g. Information systems, Indicators, Reporting support to EU policy and legislation, Assessments, Support to global policies);
- Resources 2013: indicative EEA staff and EEA core budget based on 2012 costs and proposed budget figures submitted by the European Commission;
- Partners
- Existing focus and outreach in 2012: data flows, indicators, applications and reports, networks;
- 2013 activities;
- Input to European Commission AMP objectives 2013 as listed in the Input to 2013 European Commission Objectives - Impact indicators taken from the Activity Statements in Working Document Part 1 of Draft General Budget of the European Commission for the Financial Year 2013 published in May 2012 (COM(2012)300).

### III. EEA organisational chart

The total number of staff in each box is a head count and includes staff contracted on other fund sources: it therefore does not reflect the number of Full Time Equivalents (FTE) displayed in table under the activity based budget.





#### IV. EEA 2013 budget outline

The EEA has an overall budget of EUR 41,669 million and 203 FTE staff, plus additional externally assigned revenues of EUR 8,77 million with 16 FTE staff. The EEA's activity based budgeting is applied across six major environmental themes, ten cross-cutting themes, and five areas of integrated environmental assessment and six cross-agency core programmes.

##### i) Overall budget and revenues for 2013

<b>Indicative core budget, EUR (EU subsidy and membership fees)</b>			
<b>Title 1 – Staff</b>			<b>23,875,000</b>
<b>Title 2 - Administrative expenditure</b>			<b>4,212,000</b>
<b>Title 3 - Operating expenditure</b>			
	<b>Expert meetings</b>	<b>750,000</b>	
	<b>IT, publications, translations and communication</b>	<b>3,450,000</b>	
	<b>European Topic Centres</b>	<b>7,395,000</b>	
	<b>Contracting (directly linked to projects)</b>	<b>1,987,000</b>	
<b>Subtotal (title 3)</b>		<b>13,582,000</b>	<b>13,582,000</b>
<b>Total</b>			<b>41,669,000</b>

##### ii) External assigned revenues

<b>Project code</b>	<b>Area</b>	<b>Multi-annual activity</b>	<b>Budget in 2013 €</b>
4.1	GMES/GEOSS InSitu coordination	<b>GISC</b>	<b>700,000</b>
4.1	GMES/GEOSS Initial operations Land Monitoring and coordination	<b>GIO</b>	<b>6,000,000*</b>
5.0	Governance and country network support	<b>ENPI IPA</b>	<b>1,270,000 500,000</b>

Discussions with DG ENTR involve a potential reduction in 2013 for GMES commitment and payment appropriations, entailing a reduction of 30% in operational credits. For the GIO land budget this would translate into a budget cut of approximately EUR 2,765 million out of a total of EUR 20 million. A plan of cuts is being drawn up with a view to ensuring that the overall objectives of GIO land are not jeopardised.

### iii) 2013 Activity based budget

Whereas the budget split as presented in the table above focuses on the split between staff, administrative and operational costs, the activity based budget split provides a mapping of these three different types of expenditure across the management plan activities.

The budget figures presented below are based on the distribution of costs for the five major strategic actions and include salaries (Title 1), allocation of overhead costs (Title 2) and operational costs (Title 3). The table is aimed at giving the Management Board a view of the balance between the thematic and strategic areas. The forecasting is based on previous years as indicated in the management plan 2013.

As the largest share of the EEA budget stems from staff (57%) and administrative expenditures (infrastructure) (10%) the numbers do not represent the amounts EEA can spend on contracting. Direct contracting in relation to the management plan amounts to approximately EUR 12.5 million.

It should be noted that a significant part of the allocations for strategic action 4, in particular 4.0 SEIS and 4.2 Communication, are distributed across the activities in strategic actions 1 – 3 as these activities are primarily done in support to these. However, in order to follow the structure of the EEA Multi Annual Work Programme the consolidated values are retained under strategic action 4.

		<b>Total core budget</b>	<b>FTE<sup>2</sup> Including allocation of support staff</b>
1.0	Air quality and noise	1,990,000	8.7
1.1	Air pollutant emissions	520,000	3.4
1.2	Biodiversity	2,570,000	8.9
1.3	Climate change mitigation	1,590,000	7.4
1.4	Freshwater	1,540,000	7.3
1.5	Marine	1,490,000	5.4
2.0	Climate change impacts	590,000	3.2
2.1	Adaptation and vulnerability	1,190,000	5.6
2.2	Ecosystems	930,000	11.0
2.3	Environment and health	250,000	3.1
2.4	Atmosphere	290,000	1.5
2.5	Sustainable consumption and production (SCP), resource efficiency & waste	2,000,000	5.0
2.6	Land use	2,400,000	10.1
2.7	Agriculture and forestry	570,000	3.1
2.8	Energy	660,000	3.7
2.9	Transport	690,000	4.2
3.0	Strengthening Integrated environmental assessments	600,000	5.6

<sup>2</sup> A Full Time Equivalent (FTE) includes the allocation of support staff for administration and overheads.

3.1	Regional and global assessments	1,030,000	1.0
3.2	Decision support	640,000	2.1
3.3	Economics	530,000	3.5
3.4	Strategic futures	740,000	3.5
4.0	Shared Environmental Information System	7,980,000	32.3*
4.1	GMES/GEO	1,550,000	8.5
4.2	Communications	4,810,000	29.8**
4.3	Evaluating our impact	300,000	1.0
5.0	Governance and country network support	2,710,000	11.9
5.1	European and international cooperation and networks	1,510,000	12.1
Total		41,670,000	202.8

**\*SEIS (4.0)**

Approximately 2/3 of the budget for SEIS will be used for staff costs (32.3 FTE<sup>3</sup> or representing a total cost for internal staffing of circa 5.3 MEUR, based on the EEA average of a FTE) and 1/3 for procurement i.e. consultancy services for software development, hard and software maintenance, data management and production support (2.7 MEUR). Half of the budget will be used to improve the content component. In 2013, special attention will be given to support the data and information services related to the air topic and e-reporting. As in previous years, around one third of the budget will be used to maintain and operate the EEA infrastructure component for SEIS. The rest of the budget will be used for the institutional cooperation and direct policy support. Special attention will be given to the enhanced role of the EEA to support the European Commission and the countries on the implementation of Inspire.

The activities covered under strategic area 4.0 can be structured along the 3 main components of SEIS:

1. Supporting to the development of the **content** of SEIS.  
Approximately 17.2 FTE (or 53 % of the staff cost for area 4.0) will be allocated to this group of activities and it is estimated that up to 1.3 MEUR of the budget will be spent on procurement of external services
2. Maintaining and further development of the **infrastructure** of SEIS.  
Approximately 11 FTE (or 34 % of the staff cost for area 4.0) will be allocated to this group of activities and it is estimated that up to 1.1 MEUR of the budget will be spent on procurement of external services.
3. Supporting institutional **cooperation** including direct support to EU policies i.e. SEIS/INSPIRE. Approximately 4.1 FTE (or 13 % of the staff cost for area 4.0) will be allocated to this group of activities and it is estimated that up to 0.3 MEUR of the budget will be spent on procurement of external services.

**Breakdown of the resource estimates for AMP 2013 – Area 4.0 Shared Environmental Information System (SEIS).**

SEIS component	Staffing		Procurement	Total Budget	
	FTE	MEUR	MEUR	MEUR	%
Content	17.2	2.8	1.3	4.1	51
Infrastructure	11	1.8	1.1	2.9	36
Cooperation	4.1	0.7	0.3	1.0	13
Total	32.3	5.3	2.7	8.0	100

<sup>3</sup> A Full Time Equivalent (FTE) includes the allocation of support staff for administration and communication and overheads.

## **\*\*Communications (4.2)**

Communications is an important instrument to achieve significant and measurable improvement in Europe's environment, in conjunction with legislative, economic and planning instruments. From the indicative total budget of 4.81 MEUR for area 4.2 Strategic Communications approximately 87% will be used for staff costs (29.8 FTE[i] representing a total cost for internal staffing of approx. 4.21 MEUR, based on the EEA average of one FTE. The operational expenditures will amount to 0.6 MEUR used for technical communications support such as editing, dissemination, exhibitions & events, multimedia production and public outreach activities.

Communication is a core function at the EEA, laid down in its founding regulation and reflected in its mission and vision. The activities of the Communications programme can be structured along 3 main elements:

1. Communication support to 2 annual priorities of thematic or cross-cutting nature as laid down in the Annual Management Plan, in 2013 Air and Resource Efficiency. On average, approximately 20% of the operational budget is spent on supporting each annual priority. The equivalent of up to 6 staff members (or 20 % of the staff costs) is allocated for direct support to each annual priority.
2. Day-to-day communication support to all thematic and cross-cutting work: Approximately 45% of the operational budget and the equivalent of 7.4 staff members or 25% of the staff costs are spent on supporting day to work
3. Corporate communication activities including improvement of communication tools & services, public outreach activities: Approximately 15% of the operational budget as well as the equivalent of 10.4 staff members or 35% of the staff costs are spent on Corporate communication activities.

### **Summary – Breakdown of resource estimates for AMP 2013 – Area 4.2. Strategic Communications**

	Staffing			Procurement			Total
	FTE	MEUR	%	MEUR	%	MEUR	%
<b>Strategic Communications</b>							
Communication support to annual priority of air	5.96	0.84	20%	0.12	20%	0.96	20%
Communication support to annual priority of Resource efficiency	5.96	0.84	20%	0.12	20%	0.96	20%
Day to day Communication support to all thematic and cross-cutting work	7.45	1.06	25%	0.27	45%	1.33	28%
Corporate Communication activities	10.43	1.47	35%	0.09	15%	1.56	32%
<b>Total</b>	<b>29.8</b>	<b>4.21</b>	<b>100%</b>	<b>0.60</b>	<b>100%</b>	<b>4.81</b>	<b>100%</b>

## V. EEA performance and strategic indicators

The EEA's performance is measured through its internal management systems using objectives and measures in a balanced scorecard across four inter-related perspectives: financial, client, business, and learning and growth and through Activity Based Budgeting performance indicators, and the environmental management and audit scheme (EMAS). Continuous risk management is now fully integrated into the EEA's on-line management system; in 2012 reputational risks, and conflicts of interest were included as key areas.

The EEA monitors performance through quarterly Resource Hearings in which all aspects of the balanced scorecard are evaluated and actions determined. In addition, the Bureau and Management Board review budget transfers, the results of all audits, recruitment, entries in the exceptions register and external activities of the Executive Director at every meeting.

### Balanced scorecard

The EEA maintains a time series of indicators to support its effectiveness across four major areas as detailed in the box: financial, client, business, and learning and growth. One of the major outcomes for the Agency is its publications and digital outputs.

<b><u>Balanced scorecard indicators</u></b>
<b>Financial perspective</b> Budget Sound financial management
<b>Client perspective</b> Relevance Effectiveness Quality/transparency Image
<b>Business perspective</b> Data supply chain Data handling Publications - timeliness Internal support - timeliness Products
<b>Learning and growth perspective</b> Work force Capability Motivation

### Quality Management System

In 2012, the Agency undertook a self-assessment according to the excellence model of the EFQM (European Foundation of Quality Management). The self-assessment, which will be completed in the autumn 2012, is foreseen as a basis for improving the Agency's Quality Management System in the coming years and to provide a framework for continuous improvement.

### Training

The EEA has a staff training and development policy in place that already follows very closely the key recommendations given by the European Court of Auditors in their

special report 10/2012 on the effectiveness of staff development in the European Commission, i.e.:

- Separation of the processes concerning career development and promotion;
- Top-down strategy demonstrating how staff development contributes to achieving the objectives of the EEA;
- Bottom-up, decentralised planning through career development dialogues with line managers, focussed on key competencies and the strategy defining organisational objectives;
- Objective indicators of progress towards achieving organisational goals resulting from development actions;
- Development of in-house training via peer-to-peer groups;
- Measures of the use of follow-up actions to support staff in applying in the workplace what they have learnt;
- Feedback from staff on effectiveness of external training; and
- Analysis of managers on the effectiveness of development actions.

EEA staff are allocated 10 days of training each year. In 2013, the emphasis of training will be on specific competencies, management and leadership development, use of a range of analytical tools delivered through in-house specialists and thematic developments primarily through attendance at seminars and conferences.

### **EMAS perspective**

EMAS, the Environmental management and audit system applied in the EEA, comprises five main parts: 1) management, 2) environment, 3) communications and human resource management, 4) building operation and 5) common environmental activities. The EEA publishes yearly its environmental statement as part of its annual report documenting the EEA's absolute figures of electricity, heating energy, water and paper consumption, generation of various categories of waste and travel-related CO<sub>2</sub> emissions to be off-set. In addition EEA runs specific EMAS projects, for example on greening its canteen and catering activities as well as creating organisational sustainability targets to improve its reporting.

## **VI. Preliminary publication plan 2013**

The tables below show the preliminary publication plan for 2013 of reports and digital outputs. A final plan, including publication dates, will be submitted to the first Bureau and Management Board meetings in 2013.

### **i) Reports**

<b>1 ENVIRONMENTAL THEMES</b>
<b>1.0 Air quality and noise</b>
<i>Air pollution by ozone across Europe during summer 2012.</i>
The annual technical report assessing air pollution by ground level ozone in Europe

<p><i>Air quality in Europe – 2013 report.</i></p> <p>The third annual report on air quality in Europe</p>
<p><i>The implementation pilot on air.</i></p> <p>This technical report will focus on the outcomes of the implementation pilot project on air.</p>
<p><i>Atmospheric deposition of nutrient nitrogen and possible effects on biodiversity, particularly in Natura2000 areas</i></p>
<p><i>Good practice guide on quiet areas</i></p>
<p><i>Technical report on air pollution and agriculture</i></p>
<p><b>1.1 Air pollutant emissions</b></p>
<p><i>European Union emission inventory report under the UNECE Convention on Long-range Transboundary Air Pollution (LRTAP).</i></p> <p>The annual report documenting the European Union’s inventory data submission to the UNECE LRTAP Convention</p>
<p><i>Annual NEC Directive status report 2012.</i></p> <p>The annual technical report documents the data officially submitted by Member States under the reporting requirements of the EU National Emission Ceilings (NEC) Directive</p>
<p><i>Revealing the costs of air pollution from industrial facilities in Europe.</i></p> <p>Update of the 2011 technical report.</p>
<p><i>Technical report on emission projections in hindsight.</i></p>
<p><b>1.2 Biodiversity</b></p>
<p><i>Development of indicators of crop genetic diversity in Europe</i></p> <p>This report will support the new set of SEBI2020 indicators in the genetic component – a draft report already exists but it is under consultation and finalization.</p>
<p><i>European NatureWatch – Scoping report</i></p> <p>This report will support the establishment of an EoE Nature Watch component – a draft report already exists but it is under consultation and finalization</p>
<p><i>Development of a Prototype indicators of European Bat population trends</i></p> <p>This report will support the new set of SEBI2020 indicators in the species component – a draft report already exists but it is under consultation and finalization</p>
<p><b>1.3 Climate change mitigation and greenhouse gas emissions</b></p>
<p><i>Country fiches for GHG trends and projections report</i></p> <p>The fiches will be complementing the ones published with the EEA report on “Tracking progress towards Kyoto protocol and 2020 targets in Europe” published in October 2012</p>

<p><i>EU Greenhouse Gas Inventory to UNFCCC 1990-2011.</i></p> <p>The annual submission of the greenhouse gas inventory of the European Community to the United Nations Framework Convention on Climate Change and the Kyoto Protocol.</p>
<p><i>Tracking progress towards Kyoto protocol and 2020 targets in Europe.</i></p> <p>The annual EEA report presenting an assessment of the current and projected progress of EU Member States, EU candidate countries and other EEA member countries towards their respective GHG emission targets under the Kyoto Protocol and of progress towards the EU target for 2020. Including country fiches.</p>
<p><i>Approximated EU GHG inventory: early estimates for 2012 (Proxy 2012).</i></p> <p>Technical report presenting first figures on 2012 greenhouse gas emissions in the EU.</p>
<p><i>Technical report on data reporting on ozone depleting substances.</i></p> <p>An overview and summary of data</p>
<p><i>Technical report on data reporting on fluorinated gases.</i></p> <p>A summary</p>
<p><b>1.4 Freshwater</b></p>
<p><i>Quality of bathing water – 2012 bathing season</i></p> <p>Presents the Member States' performance under the Bathing Water Directive as annual mandatory publication together with Commission. Published in DE, EN, FR</p>
<p><b>2 CROSS-CUTTING THEMES</b></p>
<p><b>2.1 Adaptation and vulnerability</b></p>
<p><i>EEA report on climate change adaptation in Europe</i></p> <p>The report will assess a selection of adaptation actions across Europe.</p>
<p><b>2.2 Ecosystems assessments</b></p>
<p><i>Ecosystem-based management: policies and approaches in European countries</i></p> <p>This will be based on a country review (using the same approach as for the 2011 resource efficiency report).</p>
<p><b>2.3 Environment and health</b></p>
<p><i>Emerging contaminants in Europe's waters</i></p> <p>Report concluding presentations and discussions from a workshop held at EEA in December 2011. The report will contain a review of different groups of emerging contaminants, like pharmaceuticals, personal care products, high-volume chemicals, and to what extent there is evidence for impacts on wildlife and human health.</p>
<p><b>2.4 Atmosphere: Climate Air Interactions</b></p>
<p><i>Technical report on low carbon scenarios in Europe – effects on atmospheric air pollutants and greenhouse gases</i></p>
<p><i>Technical report evaluating different carbon accounting methods</i></p> <p>The technical report will consider methods for calculating greenhouse gas emissions.</p>



<i>Technical report on 'Black carbon' and ultrafine particulate matter pollution in the air – health effects and measurements in urban air quality networks</i>
<i>Supporting the documentation of air quality and climate policies (technical report on 'metrics')</i>
<b>2.5 Sustainable consumption and production (SCP), resource efficiency and waste</b>
<p><i>Progress towards better management of municipal waste in Europe</i></p> <p>This report will assess the implementation of EU waste policies in the area of municipal solid waste, with a focus on progress towards the EU targets to recycle 50% of municipal waste and to divert biodegradable municipal waste from landfill for 32 EEA member countries. The report is the main outcome of the 2012 activities within the joint DG Environment-EEA pilot project on the implementation of waste policies. It will be accompanied by 32 country papers (to be published on the EEA website) assessing country performance in more detail through the use of a small, common set of indicators.</p>
<p><i>Role of market based instruments for achieving resource efficiency in Europe</i></p> <p>This report will draw together available knowledge and practice in Europe on MBIs and assess how these currently contribute to meeting the goals and objectives of the Roadmap for a Resource Efficient Europe. MBIs will cover taxes, charges, trading systems, subsidies and emerging financial instrument innovations. The report will also address the potential for established MBI practices to be extended across Europe in support of meeting objectives and targets for 2020, and beyond as appropriate and feasible. A concluding section will address the prospects for MBI practices to support macro-level reform of fiscal policies, also known as environmental fiscal reform.</p>
<b>2.6 Land use</b>
<p><i>Land &amp; ecosystem accounts: Spatial Data integration</i></p> <p>State-of-play with and methodologies for spatial data modelling, integration and assimilation to support regular production of ecosystems accounts (land, biodiversity, water, etc.)</p>
<p><i>Europe's State of Coasts report 2012</i></p> <p>The State of Coasts report will take stock of developments in policy areas relevant to the marine and coastal environment, use new data sources and extend EEA integrated assessment methodology. It will provide follow-up to the EEA report 6/2006 and use it as a baseline to report on current status of coastal areas in Europe.'</p>
<p><i>Assessment of "green infrastructure" : required data</i></p> <p>The European Commission is seeking to develop a green infrastructure strategy by 2012 to promote the deployment of green infrastructure in the EU in urban and rural areas, including through incentives to encourage upfront investments in green infrastructure projects and the maintenance of ecosystem services. The report presents the available data sets and selects those relevant for analysis on green infrastructure; illustrates that for green infrastructure no single solution exists, but that each data set shows its own perspective on green infrastructure and identifies potential conflict areas in a green infrastructure network.</p>

<b>2.7 Agriculture and forestry</b>
<p><i>Agro-biodiversity handbook</i></p> <p>A joint report with European Learning Network on Functional Agro-Biodiversity – ELN-FAB).</p>
<b>2.8 Energy</b>
<p><i>Technical report on energy subsidies, externalities and innovation</i></p>
<b>2.9 Transport</b>
<p><i>Transport and Environment Reporting Mechanism (TERM) 2013.</i></p> <p>This report explores the environmental impact of transport activities and looks at policies developed to try to mitigate impacts. The report has been published annually since 2000.</p>
<b>3 INTEGRATED ENVIRONMENTAL ASSESSMENT</b>
<b>3.0 Strengthening integrated environmental assessment</b>
<p><i>EEA indicator report 2013</i></p> <p>This report will build on the 2012 EEA indicator report and its focus and conclusions around whether Europe is maintaining ecosystem resilience, through reduced environmental impacts, and achieving resource efficiency, through reduced environmental pressures, in the context of a green economy transition. It will go one step further to focus on the implications of these pressures and impacts for human health and well-being. Central to the analytical approach will be parallel analyses for the resource categories food, water, energy and (other) materials, including chemicals.</p>
<p><i>Digest of EEA Indicators</i></p> <p>This report will provide a comprehensive overview of EEA indicators across the EEA core set and thematic sets. It will build on the outcomes of the on-going EEA indicator review, consider the use of different types of indicators for assessment purposes and present progress with indicator developments and management in line with, inter-alia, the indicator pyramid produced as a result of the Management Board seminar March 2012.</p>
<b>3.2 Decision support</b>
<p><i>Policy objectives and targets in EU environmental and energy policies</i></p> <p>An overview of the objectives and targets set by the EU policies and legislation for the 2010-2050 period. It will focus on the environmental and resource policy areas of most interest, namely: energy; greenhouse gases (GHG) emissions and ozone depleting substances (ODS); air quality and air pollution; waste; water; sustainable consumption and production (SCP), materials and resource efficiency; chemicals; biodiversity and land use. The work is based on a broad analysis of Community legislation in force and of the main political and strategic documents of the last 10 years.</p>

<p><i>Late lessons from early warnings (Volume 2).</i></p> <p>This book provides retrospective analyses of more than 15 thematic areas and case studies (e.g. Minimata disease, PCE, beryllium, tobacco, lead in petrol, pesticides, bisphenol A, endocrine disrupting substances, French bees decline, booster biocides, floods, climate change, ecosystems, fisheries), prospective studies (e.g. nuclear accidents, GM crops, invasive alien species, nanotechnology, mobile telephones) and diagnostics (e.g. business and precaution, costs of inaction, innovation)</p>
<p><b>3.3 Economics</b></p>
<p><i>Pathways to a Green Economy in the EU – an economic analysis</i></p> <p>This report will highlight major gaps (distance to target) in the pathways to a green economy in the EU, and discuss key drivers (i.e. structural change of the economy, international trade, and technological innovation) and their influences. These drivers are seen as critical in the development of a green economy. The focus lies on assessing the development of resource use (RU) and resource efficiency (RE) in the EU. The project activities are based on different economic appraisal tools and all approaches are closely interlinked.</p>
<p><i>Economic sectors and the environment – an analysis of cross-linkages.</i></p> <p>This publication summarises key interactions between the sectors agriculture, energy, transport and forestry and their joint impact on the environment.</p>
<p><b>3.4 Strategic futures</b></p>
<p><i>Global megatrends: an update – EEA technical report</i></p> <p>This report will draw on most recent available information to update, as appropriate, the 11 global megatrends (GMTs) published as part of the SOER2010. Indicators will be updated for key areas such as global population trends and intensified global competition for resources. Selected briefings will be produced to explain the updated indicators and information and put them in the context of broader developments as appropriate. A first update will be published in Q2 with subsequent updates produced through 2013 and 2014 in line with the objectives of the SOER2015 project.</p>
<p><b>4 INFORMATION SERVICES AND COMMUNICATIONS</b></p>
<p><b>4.0 Shared Environmental Information System</b></p>
<p><i>Eionet priority data flows, 2012–2013</i></p> <p>The Eionet priority data flows identify a set of agreed, stable, well-defined objectives and targets for countries relating to their regular reporting.</p>
<p><b>4.2 Strategic communication</b></p>
<p><i>EEA Signals</i></p> <p>A yearly publication, in all languages, in 2013 with focus on Air Quality. Published in all languages of the EEA member countries.</p>
<p><i>Annual report 2012 and environmental statement 2013</i></p>
<p><b>5.0 Governance and country network support</b></p>
<p><i>H2020 synthesis report.</i></p> <p>First assessment report of the ENPI-SEIS project looking at the environmental situation in the Mediterranean region including indicators, database development and information in the thematic areas of air, water and waste.</p>

## ii) Digital outputs and updates

- Water Information System for Europe (WISE) including WISE marine;
- Biodiversity Information System for Europe (BISE);
- European Nature Information System (EUNIS);
- Natura2000 web services for protected areas;
- Noise Observation and Information System for Europe (NOISE);
- Air quality data viewers and web services (AIRBASE);
- Corine Land Cover data viewers and web services (CLC, LEAC );
- European Pollutant Release and Transfer Register (EPRT);
- European Biodiversity Clearinghouse Mechanism (ECCHM);
- European Climate Adaptation Platform (CLIMATE-ADAPT);
- New developments for the implementation pilots for e-reporting air and waste.
- Forward-looking Information and Services (FLIS)
- Ecosystem accounting tools
- Eye on Earth including revisions of AirWatch, WaterWatch, NoiseWatch and further development of NatureWatch and Marine Litter Watch;
- SENSE tools and standards to support SOER2015 and SOE-Live developments
- Reportnet maintenance and development
- Indicator Management System and development
- Discomap (GIS web map services) and Spatial data infrastructure
- Tabular data web services
- Social media tools
- EEA Web site
- EIONET website and Forum tools (including EnviroWindows platform)

## VII. Annual work programme 2013

NOTE: 1. Input to 2013 European Commission Objectives - Impact indicators taken from the Activity Statements in Working Document Part 1 of "Draft General Budget of the European Commission for the Financial Year 2013" as published in May 2012 (COM(2012)300):  
References Budget item/relevant DG/General [or Specific] objective X

<http://ec.europa.eu/budget/library/biblio/documents/2013/DB2013/DB2013-WDI-ACTIVITYSTATEMENTS.pdf>

2. Sections in italics refer to non-core funds.

### 1. ENVIRONMENTAL THEMES

#### AMP 1.0 Air quality and noise

[EEA staff 8.7 FTE - EEA core budget 1.99 MEUR]

Continuation of regular work on collecting, processing, quality assuring and disseminating air quality and noise historical and up-to-date data; supporting countries to report the data; and assessing various aspects of Europe's state of air quality and noise. 2013 is the year of Air and EEA will prioritise wide public dissemination of air related EEA products throughout the year. EEA will also continue to actively contribute to the on-going review process of the air legislation through expert advice and assessments. The joint EEA/DG ENV air implementation pilot will be finalised and the results will be fed into the air quality review process and into policy discussions on how to improve Europe's implementation record, more specifically into the Life+ funding discussions. The preparation of EEA systems to receive the revamped air quality data flows in line with the newly adopted implementing provisions for air quality data reporting would also be finalised - this will assist the EEA countries and the Commission with the implementation of air quality legislation. A tendering and selection process for ETC support will take place during 2013.

<b>Type of work &amp; Partners</b>	<b>Current focus &amp; outreach in 2012</b> Dataflows – Indicators – Applications - Reports Networks	<b>2013 activities</b>	<b>Input to 2013 European Commission Objectives - Impact indicators</b>
Information systems  ----- <b>Partners</b> ENV JRC	<b><i>Air Data Centre</i></b> – maintenance and improvement of air quality: Collection and processing of current air quality data flows including gap-analysis in monitoring state of air quality in Europe.  <b><i>AIRBASE</i></b> – maintenance and update of air quality measurement database: Preparing	<b><i>Air Data Centre</i></b> – maintenance and improvement of air quality: collection, processing, quality assurance and dissemination of currently reported air quality data flows, including analysis of the classification of the air quality monitoring stations in Europe.  <b><i>AIRBASE</i></b> – maintenance and update of air quality measurement database.	

<b>Type of work &amp; Partners</b>	<b>Current focus &amp; outreach in 2012</b> Dataflows – Indicators – Applications - Reports Networks	<b>2013 activities</b>	<b>Input to 2013 European Commission Objectives - Impact indicators</b>
	<p>EEA systems to receive revamped air quality data flows following guidelines of new air quality implementing provisions, and supporting the countries to report air quality data flows under the new air quality directive implementing provisions.</p> <p>Expand spatial coverage and component coverage of near real time air quality data exchange and improve access and dissemination using Eye on Earth services.</p> <p><b>NOISE</b> – maintenance and update of noise database.</p> <p>Support to countries to report noise data flows with the new (revised) noise reporting mechanism using Eye on Earth services.</p> <p>Establishment of near real time noise data exchange using Eye on Earth.</p>	<p>Implementing provisions (IPR) for air quality data reporting exchange (20117850/EU): finalise the preparations of EEA systems to receive the revamped air quality data flows in line with IPR; support the countries to report air quality data flows.</p> <p>Expand spatial coverage and component coverage of near real time air quality data exchange and improve access and dissemination via the improvement and development of air quality viewers and use of Eye on Earth services.</p> <p><b>NOISE</b> – maintenance and update of noise database.</p> <p>Support to countries to report noise data flows with the noise reporting mechanism using Eye on Earth services.</p> <p>Set up toolboxes for yearly average noise data exchange using Eye on Earth.</p>	
<p>Support to EU policy and legislation</p> <p>-----</p> <p><b>Partners</b> ENV JRC</p>	<p>Preparation of the annual assessment of summer ozone levels.</p> <p>Preparation of the annual assessment of air quality in zones with agglomerations.</p> <p>Co-lead of the EEA/JRC Fairmode (Forum of Air quality MODEllers in Europe) network activities including support to the implementation and review of ambient air quality directive.</p> <p>Support to the review of air quality legislation and to the implementation and data exchange committee working groups, including guidance to be developed for countries to apply the implementing</p>	<p>Prepare the annual assessment of summer ozone levels.</p> <p>Prepare the annual assessment of air quality in zones with agglomerations.</p> <p>Co-lead of the EEA/JRC Fairmode (Forum of Air quality MODEllers in Europe) network activities including support to the implementation and review of ambient air quality directive.</p> <p>Support to the review of air quality legislation including: the stakeholder expert group; the air quality committee; and the committee's working groups, including developing guidance for the air quality implementing pilot country group to help the countries apply the implementing provisions of the air quality directive.</p> <p>Finalise and disseminate the results of the first phase of</p>	

<b>Type of work &amp; Partners</b>	<b>Current focus &amp; outreach in 2012</b> Dataflows – Indicators – Applications - Reports Networks	<b>2013 activities</b>	<b>Input to 2013 European Commission Objectives - Impact indicators</b>
	<p>provisions of the air quality directive.</p> <p>Joint development with DG Environment of an implementation pilot project on air.</p> <p>Support to the noise committee and leading the Expert Panel on Noise (EPoN) activities.</p> <p>Improvement of the knowledge on the interdependencies between air quality and greenhouse gases.</p>	<p>the air implementation pilot (jointly with DG ENV and in cooperation with the selected cities). Extend the pilot to include 3-4 additional cities in 2013.</p> <p>Support to the noise committee and lead on Expert Panel on Noise (EPoN) activities including guidance on the Environmental Noise Directive.</p> <p>Improvement of the knowledge on the interdependencies between air quality and greenhouse gases.</p>	
<p>Indicators</p> <p>-----</p> <p><b>Partners</b> ENV ESTAT</p>	<p>Update of air quality core set indicators, air quality indicators and air quality URBAN AUDIT indicators.</p> <p>Provide contributions on noise and air quality to TERM indicators.</p>	<p>Update of air quality core set indicators, air quality indicators and air quality URBAN AUDIT indicators; develop country air quality distance-to-target indicators and city air quality indicators.</p> <p>Provide contributions on noise and air quality to TERM indicators.</p>	<p><b>Exposure to air pollution by PM10 and Ozone, and European contribution to global premature death due to urban PM10 exposure</b> (07/ENV/General objectives) – delivery of indicators and assessments including CSI004, plus CSI005.</p>
<p>Assessments</p> <p>-----</p> <p><b>Partners</b> ENV JRC WHO</p>	<p>Development of annual air quality trends and status assessments, including annual air quality spatial interpolated maps.</p> <p>Provide contributions to the EEA's integrated environmental assessments by supporting wider use of modelling techniques and increasing use of GMES atmosphere services.</p>	<p>Develop improved annual air quality trends and status assessments, including annual air quality spatial interpolated maps.</p> <p>Provide contributions to the EEA's integrated environmental assessments by supporting wider use of modelling techniques and use of GMES atmosphere services.</p> <p>Development of integrated air quality and noise exposure assessment in Europe's major urban areas and impact of noise on environment and health in Europe.</p> <p>Development of noise population exposure statistics.</p>	
<p>Support to Global policies</p> <p>-----</p>	<p>Delivery of in-situ near real time air quality data to GMES atmosphere service.</p> <p>Geographic expansion of Air-Watch.</p>	<p>Delivery of in-situ near real time air quality data assimilated into the GMES atmosphere service.</p> <p>Provide support to relevant programmes, centres and</p>	

<b>Type of work &amp; Partners</b>	<b>Current focus &amp; outreach in 2012</b> Dataflows – Indicators – Applications - Reports Networks	<b>2013 activities</b>	<b>Input to 2013 European Commission Objectives - Impact indicators</b>
<b>Partners</b>  CLRTAP WHO	Provide support to relevant programmes, centres and task forces of CLRTAP. Provide support to air quality data exchange with non-EU countries.	task forces of CLRTAP. Provide support to air quality data exchange with non-EU countries (EU neighbourhood, Balkans, Arctic).	

### AMP 1.1 Air pollutant emissions

[EEA staff 3.4 FTE – EEA core budget 0.52 MEUR]

Focus will remain upon reporting, assessment and quality improvement for emissions datasets (NEC Directive, CLRTAP, E-PRTR). The main priorities during the year will include supporting the implementation of the recently-amended CLRTAP Gothenburg Protocol and the on-going review of EU Air legislation. Further contributions to the air implementation pilot will be made in the area of local-scale city inventories, addressing in an integrated manner air pollutants, greenhouse gases and noise. In the area of assessments, a report will be prepared on the ex-post analysis of air pollutant and GHG projections, as well as an update of EEA's 2011 report which identified the external costs of air pollution from industrial facilities. Discussions concerning potential EEA support to the implementation of the Industrial Emission Directive will be an important aspect in shaping future activities in this area. A tendering and selection process for ETC support will take place during 2013.

<b>Type of work</b>	<b>Current focus &amp; outreach in 2012</b> Dataflows- Reports – Indicators – Applications -Networks	<b>2013 activities</b>	<b>Input to 2013 European Commission Objectives - Impact indicators</b>
Information systems  ----- <b>Partners</b> ENV	<b>Air Data Centre</b> – EEA lead on: Air pollutant emissions data viewers (CLRTAP, NEC – priority data flows); and on regular updated country factsheets  Hosting and maintenance of E-PRTR website (priority dataflow), facilitation of reporting (Reportnet) and informal data review in support of countries.	<b>Air Data Centre</b> – Further development of the Air Data Centre content and web applications. Update of Reportnet systems and functionality to accommodate changes in future air pollutant and industrial emissions reporting under EU and/or international legislation developments. Continued hosting of the E-PRTR website and manage priority data flows.	



<b>Type of work</b>	<b>Current focus &amp; outreach in 2012</b> Dataflows- Reports – Indicators – Applications -Networks	<b>2013 activities</b>	<b>Input to 2013 European Commission Objectives - Impact indicators</b>
	Provision and regular update of software tools and emission models to support emission inventory estimates.		
Support to EU legislation  ----- <b>Partners</b> ENV, CLIMA, EMSA, EURO-CONTROL, ENER	Support to EU regulatory committee meetings on Air Quality (emission mitigation – NEC Directive reporting including projections, streamlining reporting initiatives), E-PRTR and IED. Compilation of the annual EU inventory report to UNECE and Annual status report documenting NEC Directive data. Development of implementing measures for the EU IED. Annual emission data review activities (NECD).	Support to the European Commission in preparation of its 2013 review of the thematic Strategy on Air Pollution, in particular through a timely and comprehensive analysis of EU member states reporting under the EU NEC Directive. Provide relevant support/capacity building in relation to future reporting requirements under the revised EU NEC Directive. Compilation of the annual EU inventory report to UNECE and Annual status report documenting NEC Directive data. Improve where relevant QA/QC and data review activities. Support to the European Commission in defining new IED reporting provisions where relevant.	
Indicators  ----- <b>Partners</b>	Regular updating of the following indicators: CSI001 Emissions of acidifying substances; CSI002 Emission of ozone precursors; CSI003 Emissions of primary particles; and secondary particulate matter precursors and six supporting air emission indicators.	Regular review and update of relevant indicators.	<b>Pollutants emissions (SO<sub>x</sub>, NO<sub>x</sub>, NMVOC, NH<sub>3</sub>, PM<sub>10</sub>)</b> (0703/ENV/Specific objective 3) – delivery of indicators and use in assessments including CSI001, CSI002, CSI003
Assessments  ----- <b>Partners</b> ENV, CLIMA, JRC, ENER	Thematic contributions to regular EEA DPSIR assessments. Specific analyses of air pollutant and industrial emissions issues addressing e.g. effectiveness of past European mitigation measures and resulting air quality impacts	Assessments of progress to EU and international 2020+ policy targets. Analyse information of city inventories and emission mitigation benefits for air pollutants, greenhouse gases and noise. Assessments of externalities and emission trends.	

<b>Type of work</b>	<b>Current focus &amp; outreach in 2012</b> Dataflows- Reports – Indicators – Applications -Networks	<b>2013 activities</b>	<b>Input to 2013 European Commission Objectives - Impact indicators</b>
	on health and the environment.	Perform an ex-post assessment of greenhouse gas and air pollutant emission projections.	
Support to Global policies  ----- <b>Partners</b>  ENV, CLIMA, UNECE, EMEP, OECD	<b><i>UNECE Convention on Long-range Transboundary Air Pollution:</i></b> Co-chairing of the Task Force on Emission Inventories and Projections; Perform annual joint quality review of emission data submitted to the Convention and EEA EMEP priority data flow; Publishing EMEP/EEA Air Pollutant Emission Inventory Guidebook; Provide policy support to EU under the Convention; Support to the EU in relevant UNECE processes and bodies (UNECE PRTR Protocol).	Support to EEA member countries on implementation of amended reporting requirements under the revised UNECE Gothenburg protocol.  Supporting EU participation in relevant UNECE processes.	

## AMP 1.2 Biodiversity

[EEA staff: 8.9 FTE – EEA core budget: 2.57 MEUR]

Preparations for the next reporting cycles under the EU Nature directives (2014) will be a main priority, from support to data flows to the update of the biodiversity baseline 2010. In parallel, the review and adaptation of the SEBI process in support to the implementation of the Biodiversity 2020 Strategy will form an important activity, both at European, pan-European and global levels. The incremental deployment of BISE, as a main entry to EU biodiversity knowledge platform, will be continued to this effect. A tendering and selection process for a new ETC in 2014 will be conducted.

Type of work	Current focus & outreach in 2012 Dataflows – Indicators – Applications - Reports Networks	2013 activities	Input to 2013 European Commission Objectives - Impact indicators
Information systems  ----- <b>Partners</b> ENV RTD JRC ESTAT ENTR AGRI MARE	<p><b>BISE:</b> Further develop BISE (the Biodiversity Information System for Europe) in partnership with DG ENV and other EC Directorates with the aim of improving the knowledge base in support of the EU 2020 Biodiversity Strategy targets.</p> <p>To this end develop BISE version 1.0 integrating with the EC Clearing House Mechanism as the info tool to support the EU Common Implementation framework, as well as the CBD/Aichi targets.</p> <p><b>Biodiversity Data Centre:</b> Continue to develop as a component of BISE within the implementation rules set within the Inspire framework directive and linking to other data providers and management frameworks.</p> <p>Reinforcement of the EUNIS classification (Habitats, species) and web tools.</p> <p>Support the development of NatureWatch.</p>	<p><b>BISE:</b> Further develop BISE together with ENV, ESTAT, JRC and RTD, stabilizing its concept and content development within an agreed implementation framework while reinforcing innovative services &amp; tools in its components (Data, Topics, Policies, Countries &amp; Networks, Research).</p> <p><b>Biodiversity Data Centre:</b> Develop the data component of BISE with the Data Centre, in line with Inspire implementation, while integrating all relevant data from other European Data Centres, as well as other data providers, including data from the European Commission’s Clearing House Mechanism (CHM) reported to the Convention on Biological Diversity (CBD). CHM will be fully integrated into BISE; this will help prepare country profiles in support of SOER2015.</p> <p>Develop and consolidate the hosting of thematic platforms including the Ecosystem Assessments platform in support of European-level assessments (see 2.2).</p> <p>Support and provide advice on the integration of the outputs of the GMES initial operations on land and other spatial information under biodiversity with the Eye-on Earth service.</p>	

<b>Type of work</b>	<b>Current focus &amp; outreach in 2012</b> Dataflows – Indicators – Applications - Reports Networks	<b>2013 activities</b>	<b>Input to 2013 European Commission Objectives - Impact indicators</b>
		<p>Establish and streamline further links to European and global data providers (GBIF, GEOBON, GEOS Protected Planet) and establish the link between BISE and Eye on Earth in support of country and network activities.</p> <p>Improve the CDDA dataflow, including streamlining the Marine protected Areas component in support of MSFD reporting 2014.</p> <p>Further develop EUNIS, establishing long-term governance together with countries, taxonomic services (EU-NOMEN, Red Lists, Catalogue of Life) and reinforcing the use of the current web infrastructure in support of ecosystems assessments.</p> <p>Support NatureWatch with the tool on invasive alien species and its link to BISE and the EU 2020 Biodiversity Strategy.</p>	
<p>Reporting support to EU policy and legislation</p> <p>-----</p> <p><b>Partners</b> ENV CoE</p>	<p>Continue support to the implementation of the Nature directives. To this end, continue the work started on 2011 on the new bio-geographical process to enhance the conservation status of species and habitats. Priority to be given in 2013 to the second round of reporting (Art 17 Habitat Directive / Art 12 of the Birds Directive) to be continued until 2015.</p> <p>Apply reviewed reporting formats and data flows, and continue to support the European Commission and MSs working further on the Community lists.</p> <p>Support the implementation and assessment of the EU Biodiversity Strategy through technical support to the measure of progress of its targets: on conservation status of</p>	<p>Continue support to the implementation of the Nature directives including the Natura 2000 data flow and reporting on the conservation status of species and habitats. Priority to be given in 2013 to the second round of reporting (Art 17 Habitat Directive / Art 12 of the Birds Directive) to be continued until 2015.</p> <p>This will include reception, validation, management and analysis of data as reported by countries under the forthcoming 6-yearly reporting on conservation status of species and habitats. This work will anticipate and prepare for the assessment phase in 2014 and 2015. This new round of data on conservation status is a major input into the biodiversity targets 1, 2 and 3.</p> <p>Continue integration, coordination and reinforcement of the consistency of the biodiversity component into other reporting requirements within the agriculture and forest policies (as a first step) (connecting to 2.7.) as well as</p>	

<b>Type of work</b>	<b>Current focus &amp; outreach in 2012</b> Dataflows – Indicators – Applications - Reports Networks	<b>2013 activities</b>	<b>Input to 2013 European Commission Objectives - Impact indicators</b>
	species and habitats, including the support to the process of setting of bio-geographical objectives; on guidance on the restoration definition and measurement and support to green infrastructure assessments within area 2.6.; support the sector-based targets (see 2.7.).	into the water framework directive (linking to 1.4.), the marine strategy framework directive (linking to 1.5) and within a land based policy context. Continued support to Natura 2000 establishment as well as to the EMERALD network in non-EU countries.  Follow the forthcoming strategy/legislative instrument on Invasive alien species (expected early 2013) and evaluate its reporting requirements.	
Indicators ----- <b>Partners</b> ENV, ESTAT, JRC, AGRI, FOREST EUROPE, PEBLDS, UNEP	Further develop Biodiversity indicators based on lessons learnt on the SEBI2010 process both at EU and pan-European levels, to support the Common Implementation Framework under the EU 2020 Biodiversity strategy. These developments are based on an analysis of gaps following the EU 2010 Biodiversity baseline, and support global cooperation on design, maintenance and integration of scientifically sound, data supported & policy-relevant indicators to respond to the CBD Aichi targets.	Set up Biodiversity Indicators to assess progress towards the 2020 targets based on experience with the SEBI2010. This task will entail update / maintenance of the 26 SEBI2010 indicators; methodological improvement of the current indicators (when necessary); proposal and selection of further needed indicators, based on the 2012 SEBI technical report.  Link to other indicator frameworks (Europe 2020 flagship initiatives, in particular Resource Efficiency (Roadmap); AEI, CAP Indicators; forest Europe Indicators; MSFD indicators; FAO; NGO's) and corresponding adapt/adopt of indicators as well as agreeing on frameworks for producing or sharing data sets is required to supply the needs of the 2020 EU and global biodiversity targets while supporting SOER2015.  Maintain the biodiversity baseline as the European biodiversity reference benchmark.	(07/ENV/General objectives) – of indicators CSI007, CSI008, CSI009 and SEBI indicators
Assessments ----- <b>Partners</b> ENV JRC	Scope required comprehensive DPSIR-based assessments on biodiversity trends & status, based on main biodiversity data and information generated within the Biodiversity Data Centre and BISE in support of SOER2015.  Support to selected ecosystems assessments	Define further biodiversity assessments requirements in support of SOER2015 and the next EEA multiannual strategy 2014-2018/20 needs – links with topic areas, ecosystems assessments work area (see 2.2), Resource Efficiency and Green Economy, and global and regionalized processes (TEEB, MA, WG-MAES).	

<b>Type of work</b>	<b>Current focus &amp; outreach in 2012</b> Dataflows – Indicators – Applications - Reports Networks	<b>2013 activities</b>	<b>Input to 2013 European Commission Objectives - Impact indicators</b>
	in cooperation with other topic areas.		
Support to Global policies  ----- <b>Partners</b> ENV ENV CBD	Continue to follow the UN Convention on Biological Diversity activities in general and as a priority the developments related to the Aichi targets and respective indicator work, using SEBI as a model process and linking to BISE as European platform for country and network reporting.  Support the IPBES global and regional development.  Follow-up of GEOSS.	Revise the indicators currently available in support of progress reporting methodologies for post CBD- COP11.  In dialogue with ENV, follow work on IPBES at large and its European node together with work on the EU mechanism for policy-science interface; identify and streamline EEA contributions and roles.	SEBI02, SEBI05, SEBI07 <b>EU participation in MEAs</b> (0702/ENV/Specific objective 1) – EEA technical support to EU Participation on the specific mentioned areas.

### AMP 1.3 Climate change mitigation

[EEA Staff 7.4 FTE – EEA core budget 1.59 MEUR]

A key priority in 2013 is the expansion of EEA's annual 'Trends and Projections' report, to strengthen the assessment of progress being made towards EU policy targets (i.e. Kyoto protocol and the Europe 2020 headline targets). The EU GHG inventory will also be subject to an 'in-country review' by UNFCCC in 2013, requiring close coordination by EEA with the European Commission services and Member States. The bi-annual reporting by Member State of GHG projections, and policies and measures (PAMS) also takes place in 2013 – specific EEA activities will include the development and implementation of improved QA/QC procedures for these dataflows, and improved web-dissemination of the reported information. EEA will also be closely involved with the implementation of a number of aspects of the revised EU GHG Monitoring Mechanism Regulation and will support activities under the European semester. A tendering and selection process for ETC support will take place during 2013.

<b>Type of work</b>	<b>Current focus &amp; outreach in 2012</b> Dataflows- Reports – Indicators – Applications -Networks	<b>2013 activities</b>	<b>Input to 2013 European Commission Objectives - Impact indicators</b>
Data and Information systems  ----- <b>Partners</b> CLIMA	<b>Climate Change Data Centre</b> (see also 2.0/1): EEA lead on: Greenhouse gas data viewer (priority dataflow); EU ETS data viewer; Database on policies and measures; GHG Projections data viewer.	<b>Climate Change Data Centre</b> (see also 2.0/1): Further development of content and web applications. Update of Reportnet systems and functionality to accommodate changes in future emissions reporting guidelines under EU and/or international legislation. Further development and implementation of QA/QC procedures regarding policies and measure (PAMS) and projections.	
Support to EU legislation  ----- <b>Partners</b> CLIMA JRC ESTAT EMSA EURO-CONTROL, ENER	Support to Working Groups 1, 2, and 3 under the EU Climate Change Committee (GHG inventories, projections, policies and measures, Effort Sharing Decision implementation, EU ETS)  Compilation of the annual EU GHG inventory report to UNFCCC on behalf of the European Commission, and of the EU proxy GHG inventory.  Annual compilation of the GHG projection data in support of the European Commission's annual report on progress	Support to the European Commission and to countries (capacity building) implementing current and future MRV, including: Reporting requirements under the current EU MMD and MMR and post 2012 UNFCCC regimes; Support to the European Commission on anticipated UNFCCC in-country review of the EU national inventory and national inventory system in 2013; Support to EU's 6 <sup>th</sup> National Communication under UNFCCC; Support, in parallel, to the preparation of the 1 <sup>st</sup> biennial report to be submitted to UNFCCC in 2014; Continued compilation of the annual EU GHG inventory report to UNFCCC; Support where appropriate, to the	

Type of work	Current focus & outreach in 2012 Dataflows- Reports – Indicators – Applications -Networks	2013 activities	Input to 2013 European Commission Objectives - Impact indicators
	<p>towards Kyoto targets.</p> <p>Development of improved QA/QC procedures for projections and policies &amp; measures submitted by Member States under the EU MMD.</p> <p>Under international maritime and aviation transport, supporting CLIMA, EMSA, EUROCONTROL, ECCP on data collection, monitoring and reporting options for maritime and aviation emissions.</p>	<p>EU ETS implementation &amp; reporting.</p> <p>Annual compilation of GHG projection data in support of the European Commission’s annual report on progress towards targets.</p> <p>Further develop and publish more timely GHG emission data, e.g. in relation to the EU proxy inventory, and in support of the Annual Growth Survey where relevant.</p> <p>Support to the European Commission’s Annual Growth Survey by providing timely input.</p> <p>Continued coordination of data and reporting under EU regulations on ozone depleting substances (ODS) and fluorinated gases.</p> <p>Continued compilation of the EU submission on ODS gases to UNEP under the Montreal Protocol.</p> <p>Continued compilation to compile the internal EU report with regard to F-gases.</p> <p>Where applicable, support monitoring and reporting of GHG emissions from international shipping in cooperation with EMSA.</p>	
<p>Indicators</p> <p>-----</p> <p><b>Partners</b></p>	<p>Review and updating of the following indicators:</p> <p>CSI006 Production and consumption of ozone depleting substances</p> <p>CSI011 Greenhouse gas projections</p> <p>CSI013 Atmospheric greenhouse gas concentrations</p>	<p>On-going review and update of relevant indicators.</p>	<p><b>Reduction of GHG emissions compared to 1990, Decrease in global consumption of ODS</b> (07/CLIMA/General objective) – delivery of indicators and/or use in assessments, including CSI006, CSI010, CSI011.</p> <p><b>Global CO2 greenhouse emissions, Global consumption of ODS</b> (0702/CLIMA/Specific objective 2) – Delivery and use of EU/European GHG indicators, including CSI006, CSI010,</p>



Type of work	Current focus & outreach in 2012 Dataflows- Reports – Indicators – Applications -Networks	2013 activities	Input to 2013 European Commission Objectives - Impact indicators
			CSI011. <b>EU GHG emission compared to 1990, Average emissions of CO2 from new cars, Consumption of ODS</b> (0712/CLIMA/Specific objective 1) – delivery of indicator and/or use in assessments, including CSI006, CSI010, CSI011, CSI013,TERM27
Assessments  ----- <b>Partners</b> CLIMA JRC, ENER	Thematic contributions to regular EEA assessments. Preparation of annual assessment of progress in Europe towards GHG targets – Kyoto and 2020 (“Trends and projections report”). Analyse links between climate change and air pollution mitigation including: evaluation of global/European emission models and scenarios; assessment of links between climate aspects of air pollution mitigation; and air quality aspects of climate mitigation 2020 -2050.	Further integration and expansion of the energy dimension (renewables and energy efficiency) of the current annual progress report towards relevant Europe 2020 targets (“The trends and projections report”). Continue analyses of differences and synergies between different accounting schemes for GHG emissions.	
Support to Global policies  ----- <b>Partners</b> UNFCCC, IPCC, IMO, UNECE	Support to EU participation in UNFCCC processes including UNFCCC MRV discussions, review procedures of national inventories and national communications.	Support to EU participation in future UNFCCC processes including international MRV and review activities	<b>Level of influence of EU in successful definition of post-2012 international climate change objectives</b> (0702/CLIMA/Specific objective 2) – EEA contribution to EU Participation

## AMP 1.4 Freshwater

[EEA Staff 7.3 FTE – EEA core budget 1.54 MEUR]

Following the intensive assessment work in 2012 in support to the European Year of Water and the EU Blueprint to Safeguard Europe's Water Resources, there will be a significant upgrade of WISE in 2013. This will support the display of integrated information based on reported data from countries and further mapping of this information via advanced visualisation tools. There will be further developments on indicators related to resource efficiency, in particular the regular production of water asset accounts. Water aspects of the ecosystem assessment work, under the EU 2020 Biodiversity strategy, will be developed linking ecological status objectives across the Water and Nature directives. A tendering and selection process for a new ETC in 2014 will be conducted, jointly with 1.5 Marine environment.

Type of work	Current focus & outreach in 2012 Dataflows- Reports – Indicators – Applications -Networks	2013 activities	Input to 2013 European Commission Objectives - Impact indicators
Information systems  ----- <b>Partners</b> ENV JRC ESTAT ENTR ESA ECMWF Eumetnet	Participation in technical arrangement between ENV, JRC. ESTAT and EEA on WISE (freshwater including marine and maritime) with EEA in charge of technical and content management as well as data centre component.	<p><b>Water Data Centre</b> - Maintenance of the priority data flows, quality control of established data flows in the Streamlining of data flows and reporting on SOE data and data flows for respective water directives.</p> <p>Add further utilities to WISE to improve information exchange between EU and MSs by means of Structured Information and implementation Framework for example for UWWTD reporting, in line with Inspire implementation.</p> <p>Conduct further upgrade of WISE versions according to the implementation plan 2011-2015: focus on the consolidation (structuring) of data bases, further streamlining and integration in the land – water – biodiversity information continuum to support ecosystem accounting and assessments. Include intensified inputs from JRC and ESTAT and implement GIO land elements (floods); improve integration of and connection to spatial analysis tools.</p> <p>Integrate inputs from GIO land and on water accounts, with recent results from relevant research projects, e.g. upgrading the Research module of WISE as a relevant</p>	

<b>Type of work</b>	<b>Current focus &amp; outreach in 2012</b> Dataflows- Reports – Indicators – Applications -Networks	<b>2013 activities</b>	<b>Input to 2013 European Commission Objectives - Impact indicators</b>
		platform. Use Eye on Earth to support the integration of different information sources on water including physical balances (e.g. in-situ flows, radar, Lidar, Grace, GRDC) pressures from agriculture, utilities / business sources, better use of reporting from direct third sources, integration of e.g. World Business Council water tool.	
Support to EU legislation  ----- <b>Partners</b> ENV	Support to WFD implementation: further analysis of results from evaluation of 1st RBMPs regarding pressure and state information.  Support to DG ENV towards second phase WFD with 2nd RBMPs due in 2015: improved reporting procedures, better implementation and lessons learned from 1st cycle [regarding 1.5 Marine Environment: support to MSFD to set up regular reporting process; reporting format sheets, data flows].	Follow up process after 1st reporting cycle, first evaluation of WFD and of the water Blueprint achievements after 2015; increased focus on water management measures and sectoral achievements. Continue support to EC on west Balkan countries, and participation in WFD-like activities in the Danube strategy.  Support to implementation strategy of the water Blueprint, where needed, e.g. in cooperation with Member states on water accounts.	
Indicators  ----- <b>Partners</b> ENV JRC ESTAT	Maintenance of water CSIs on annual basis; maintenance of water Scarcity and Drought and water resource efficiency indicator set around and using water asset accounts information.	Develop CSIs and Water Scarcity & Droughts indicators towards resource efficiency further supporting the water Blueprint in a Europe 2020 perspective.  Further integration of indicators in land-water biodiversity continuum to support the activities on ecosystem assessment (see 2.2 Ecosystems) and regular production of water asset accounts.	<b>European contribution to global population without access to drinking water sources</b> (07/ENV/General objective 2) – delivery of indicators and assessments, including CSI018  <b>Additional population served by new/renovated water projects</b> (1303,1304/REGIO/Specific Objective 2) – delivery of indicators and assessments  <b>Number of water bodies in good status, Urban waste water treatment, Nitrates in ground and surface waters</b>

<b>Type of work</b>	<b>Current focus &amp; outreach in 2012</b> Dataflows- Reports – Indicators – Applications -Networks	<b>2013 activities</b>	<b>Input to 2013 European Commission Objectives - Impact indicators</b>
			(0703/ENV/Specific objective 3) – delivery of indicators and/or their use in assessments, including CSI019, CSI020, CSI022 CSI024
<p>Assessments</p> <p>-----</p> <p><b>Partners</b> ENV JRC ESTAT</p>	<p>Release of and communication events on a series of reports on related water issues, exploring a variety of challenges and opportunities supporting the WFD review and the water Blueprint.</p> <p>Follow up on policy developments and start towards SOER2015 assessment activities.</p>	<p>Prepare SOER2015.</p> <p>Preparation for the 2020 assessment cycle on achievements of WFD (EEA support to WFD Art.18 due again in 2018), the development of the water Blueprint and evaluation of effectiveness of MS measures set up in the 2nd round of RBMPs.</p> <p>In the context of the EEA work on ecosystem assessments, channel water aspects and information held under the WFD (on status and on objectives) into the assessments for target 2 for the EU 2020 Biodiversity strategy. To this end, increase the focus on a common assessment of the status results under the WFD and the water dependent habitats under the Nature directives. This will include more work on common typologies and the hierarchy of water related ecosystem service.</p>	
<p>Support to Global policies</p> <p>-----</p> <p><b>Partners</b></p>	<p>Follow up on Astana’s Europe’s Environmental Assessment of Assessments on water resources and management.</p> <p>Collaboration with the UN world water assessment program and International Resource Panel (EEA chapters on water efficiency).</p>	<p>Continue to provide contributions on water aspects at the UN/UNEP level including water relevant indicators in post-Nagoya and post-Kyoto processes.</p> <p>Prepare for the EU perspective on 2015 Millennium Goals on water supply and sanitation and its achievement; support to development of water related SDGs and extension of water information.</p>	

## AMP 1.5 Marine environment

[EEA Staff 5.4 FTE – EEA core budget 1.49 MEUR]

Activities will be aligned and intensified with the agreed implementation processes for the Marine Strategy Framework Directive, in particular the reported information and data as part of the national initial assessments and the 56 indicators identified to characterise good environmental status. Preparations for establishing, in this context, the 2014 marine baseline, will be secured in connection with the ecosystem assessment and accounting work implemented for the EU 2020 Biodiversity strategy. WISE-Marine will be developed to become the access point for corresponding information and data. A tendering and selection process for a new ETC in 2014 will be conducted, jointly with 1.4 Freshwater.

<b>Type of work</b>	<b>Current focus &amp; outreach in 2012</b> Dataflows- Reports – Indicators – Applications -Networks	<b>2013 activities</b>	<b>Input to 2013 European Commission Objectives - Impact indicators</b>
Data and Information systems  ----- <b>Partners</b> ENV MARE JRC ENTR	Continued regular update of the EEA transitional, coastal and marine waters priority data flows.  Development of MSFD reporting under WISE-Marine and its links to WISE, EMODnet and INSPIRE. This includes establishing a reporting mechanism for MSFD initial assessments, both for receiving assessment outcomes and underlying data and advancing geospatial data availability through links to integrated maritime policy preparatory actions: MARATLAS EUSeaMap, and EMODnet as well as to the Ourcoast project of ENV.  Development of content for a Marine Litter Watch.  Support to develop marine GMES service, with particular emphasis on in-situ coordination and increased user engagement with the marine environmental community. Support the development of the EEA strategic role in the context of marine in-situ	Continued regular update of WISE SOE transitional, coastal, and marine priority data flows, which underlie corresponding CSI indicators and WISE maps.  Continuation of several activities under the umbrella of WISE-Marine and its links to WISE, EMODnet and INSPIRE: the development of the MSFD reporting and the establishment of a database of quality assured information reported under the MSFD; establishment of a mechanism for receiving underlying data of MSFD initial assessments and monitoring programs, and advancing geospatial data availability through links to integrated maritime policy action on EMODnet, Global topography and national hydrographic offices and UN Law of the Sea related activities; explore establishing a link between WISE-Marine and Eye on Earth.  Support to the development of citizen science activities by implementing Marine Litter Watch.  Update of the EEA bathing water report.  Support to the marine GMES service, with particular emphasis on in-situ coordination and promoting user engagement with the marine environmental community.	

<b>Type of work</b>	<b>Current focus &amp; outreach in 2012</b> Dataflows- Reports – Indicators – Applications -Networks	<b>2013 activities</b>	<b>Input to 2013 European Commission Objectives - Impact indicators</b>
	data coordination.		
Support to EU legislation  ----- <b>Partners</b> ENV MARE	Support to the Common Implementation Strategy (CIS) under MSFD by contributing to the development of a reporting strategy with ENV under the CIS Working Group on Data, Information and Knowledge Exchange, and through participation in the MSFD Working group on good environmental status and the Working Group on Economic and Social Assessment and associated activities.  Support to Integrated Coastal Zone Management and Marine Spatial Planning joint impact assessment - associated policies are the integrated maritime policy and the common fisheries policy.  Support of marine, coastal and/or transitional water aspects of the Water Framework and Habitats and Birds Directives.  Development of the biodiversity component of the MSFD and Habitats Directive.  Support to marine aspects of the EU 2020 Biodiversity Strategy.	Continued support the Common Implementation Strategy (CIS) under MSFD by following up on the reporting strategy developed in the Working Group on Data, Information and Knowledge Exchange. The overall MSFD implementation will also be supported through participation in Working Group on Economic and Social Assessment and associated activities and the Working Group on Economic and Social Assessment and associated activities.  Continued support to the overall cross-policy coherence between the MSFD and related water, nature and maritime policies. This includes: Support to the development of the biodiversity component of the MSFD and marine aspects of the Habitats and Birds Directives and the marine, coastal and/or transitional water aspects of the Water Framework Directive; Support to marine aspects of the EU 2020 Biodiversity Strategy; and Support to ICZM and MSP adopted implementation processes.  Support to the Integrated Maritime Policy related initiatives and policies (Marine Knowledge 2020 and the Common Fisheries Policy).	
Indicators  ----- <b>Partners</b> ENV ICES ESTAT JRC	Under the MSFD, 56 indicators have been identified to characterize the good environmental status of the Directive. EEA marine indicators need to be streamlined to this process, while also drawing on links from marine convention assessments and maintaining links to WFD, coastal and transitional waters which will be a multi-year	Streamline EEA marine indicators to the 56 MSFD indicators while also drawing on links from marine convention assessments and maintaining links to WFD, coastal and transitional waters. This will be a multi-year activity with multiple activities including: .Continued support to EEA’s internal activities on indicator maintenance and development; .Conducting an update of EEA marine CSIs, while	<b>Fish catches outside safe biological limits</b> (07/ENV/General objective 3) – use of indicator in assessments, including CSI032.  <b>Bathing water quality</b> (0703/ENV/Specific objective 3) – delivery of indicator and/or use in assessments, including CSI022, CSI034, SEBI21.

<b>Type of work</b>	<b>Current focus &amp; outreach in 2012</b> Dataflows- Reports – Indicators – Applications -Networks	<b>2013 activities</b>	<b>Input to 2013 European Commission Objectives - Impact indicators</b>
	<p>activity.</p> <p>Develop strategy for streamlining and further development of EEA marine and maritime indicators in the light of WFD and MSFD developments.</p> <p>Development of indicators for ecological quality elements of the Water Framework Directive as well as for inputs to coastal waters, marine biodiversity and climate change impacts.</p> <p>Development of socio-economic indicators relevant for reporting on the maritime sector e.g. shipping, ports, coastal tourism, and renewable energies.</p>	<p>continuing to streamline EEA marine and maritime indicators (i.e. CSI and MAR thematic set) in light of MSFD developments;</p> <p>.Exploration of further indicator developments including, for ecological quality, elements of the Water Framework Directive, marine biodiversity, socio-economic indicators relevant for reporting on the maritime sector and climate change impacts.</p>	
<p>Assessments</p> <p>-----</p> <p><b>Partners</b> Regional Seas Conventions, ENV, JRC</p>	<p>Development of Water 2012 report: state and pressures in coastal and transitional waters.</p> <p>Inputs to Climate change impacts and vulnerability, 2012 report.</p> <p>Contribution to 2012 coastal report.</p> <p>Contribution to 2012 report on marine protected areas.</p> <p>Development of a conceptual framework for marine ecosystem assessments and environmental accounting.</p> <p>Exploration of feasibility for assessing biodiversity and climate change issues relevant for EU overseas territories.</p>	<p>Prepare the EEA 2014 marine baseline assessment on characteristics, state and pressures of the marine ecosystem, based on MS initial assessment reports.</p> <p>Prepare a maritime contribution for EEA 2014 marine baseline assessment.</p> <p>Support ENV developing their 2014 progress report on marine protected areas networks.</p> <p>Develop a conceptual framework for marine ecosystem assessments and environmental accounting for the Biodiversity 2020 strategy.</p>	
<p>Support to Global policies</p>	<p>Support to: the CBD Aichi targets; to the UN Regular Process for global reporting and</p>	<p>Continued support to global initiatives on ocean acidification, blue carbon and the UN Regular Process for</p>	

<b>Type of work</b>	<b>Current focus &amp; outreach in 2012</b> Dataflows- Reports – Indicators – Applications -Networks	<b>2013 activities</b>	<b>Input to 2013 European Commission Objectives - Impact indicators</b>
----- <b>Partners</b> Regional Seas Conventions, ENV, JRC	assessment of the marine environment; and to Rio+20.	global reporting and assessment of the marine environment, taking into account the outcomes of Rio+20.	



## 2. CROSS - CUTTING THEMES

### AMP 2.0 and 2.1 Climate change impacts, vulnerability and adaptation

[EEA Staff 8.8 FTE – EEA core budget 1.78 MEUR]

As in the 2012 Annual Management Plan, 2.0 and 2.1 are presented together to highlight the high degree of integration and synergies between these two cross-cutting themes.

After the launch in 2012 of the European Climate Adaptation Platform (Climate-ADAPT), work will continue on including new and updated information. Workshops and training sessions will be held with user groups and the platform will be improved by incorporating their experiences. After publication of the extensive indicator based assessment on climate change impacts and vulnerability in November 2012, work in 2013 will focus on updating a number of indicators. The EU Adaptation Strategy and impact assessment are planned to be published in March 2013. A report on adaptation actions that are already taking place will be published early in the year. As a next step scoping work will be done during 2013 on a further assessment of national adaptation actions to be published in 2014. Once the draft monitoring mechanism regulation, containing proposals for reporting by countries on adaptation, has been adopted, EEA support work in this area will be defined. Work on adaptation in cities will build on the 2012 report on urban adaptation including work on indicators. A tendering and selection process for ETC support will take place during 2013.

Type of work	Current focus & outreach in 2012 Dataflows- Reports – Indicators – Applications - Networks	2013 activities	Input to 2013 European Commission Objectives - Impact indicators
Information systems  ----- <b>Partners</b> CLIMA ENV JRC RTD	Launch of Climate-ADAPT platform by DG CLIMA and EEA on 23 March 2012, Joint management and maintenance by DG CLIMA and EEA and collaboration with JRC afterwards, in line with draft implementation plan 2012-2013.  <b>Climate Change Data Centre</b> (see also 1.3): EEA lead. Contributions by JRC include: climate impact, vulnerability modelling and scenarios (agriculture, floods, droughts, soil).	Maintenance, updating and improvements of Climate-ADAPT. Inclusion of additional case studies, e.g. from OURCOAST follow-up (due end 2012/early 2013), LIFE+ and Interreg projects.  Inclusion of initial results of existing GMES climate related projects (EURO4M) and consider how to include planned 2012/2013 GMES climate projects in ClimateADAPT.  <b>Climate Change Data Centre</b> (see also 1.3): Further development of content and web applications, in line with Inspire implementation.	

<b>Type of work</b>	<b>Current focus &amp; outreach in 2012</b> Dataflows- Reports – Indicators – Applications - Networks	<b>2013 activities</b>	<b>Input to 2013 European Commission Objectives - Impact indicators</b>
		<p>Explore whether (and how) the use of the GMES Emergency Management service can help improve data (economic, human health) on flood impacts, in collaboration with JRC.</p> <p>Support possible future MS reporting within a revised Monitoring Mechanism and consider how this could contribute to EEA indicators and assessments and Climate-ADAPT.</p>	
<p>Support to EU legislation</p> <p>-----</p> <p><b>Partners</b> CLIMA ENV ECHO REGIO</p>	<p>Input to discussions on possible future MS reporting on CC impacts, vulnerability and adaptation (in the context of the revised Monitoring Mechanism and the planned 2013 EU adaptation strategy).</p> <p>Contributions to Eionet workshop and meetings with the EPA Network's interest group on adaptation (on sharing national experiences).</p>	<p>Support to actions on MS monitoring and reporting, possibly needed after publication of the EU Adaptation Strategy and the impact assessment and related studies by the European Commission due in March 2013.</p> <p>Improve Climate-ADAPT content on adaptation mainstreaming in EU policies, on national adaptation strategies, national sectoral and local adaptation actions (in particular cities, based on expected results of the European Commission's project in 2012/2013 and the DG REGIO/EEA urban atlas).</p> <p>Work with West Balkan countries to include their national information (two workshops are planned)</p>	<p><b>Adaptation strategies and action plans adopted, Degree of mainstreaming of CC priorities into other Community policy areas</b> (0713/CLIMA/Specific objective 1) – maintenance and updating of Climate ADAPT</p>
<p>Indicators</p> <p>-----</p> <p><b>Partners</b> CLIMA ENV JRC ECDC WHO REGIO/ ESPON</p>	<p>Development of indicators in collaboration with the Adaptation Steering Group, chaired by the European Commission.</p> <p>Publication in autumn 2012 of all (30-40) indicators in the Indicator management system (IMS), addressed in the EEA report on climate change impacts and vulnerability. JRC contributes to agriculture, floods, droughts, soil (projections); WHO contributes on e.g. health/heat waves; ECDC contributes on CC and water- and vector-borne diseases.</p>	<p>Contribute to the harmonisation of selected climate models, scenarios and key indicators in the context of the proposed GMES Climate service and the new JPI (Joint programming initiative) on climate and relevant FP7 research projects.</p> <p>Update indicators and prioritisation (with Eionet, Eurostat, European Commission, ASG), based on new monitoring and research results and also taking into account experiences of advanced countries.</p>	<p><b>Number of people benefitting from flood protection measures; number of people benefitting from forest fire protection and other protection measures</b> (1303/REGIO/ Specific Objective 2)</p>

<b>Type of work</b>	<b>Current focus &amp; outreach in 2012</b> Dataflows- Reports – Indicators – Applications - Networks	<b>2013 activities</b>	<b>Input to 2013 European Commission Objectives - Impact indicators</b>
	Other key research project results also included such as the 2011 ESPON projected climate vulnerability indices.		
Assessments  ----- <b>Partners</b> CLIMA JRC WHO ECDC RTD	EEA report published in May 2012 on cities and climate change vulnerability and adaptation.  Integration of climate adaptation into other key EEA assessment reports (Freshwater vulnerability report, Nov 2012; Coastal report, end 2012/early 2013).	Publish report on climate change adaptation (EU, national, sub-national level).  Conduct scoping of a further assessment of national adaptation strategies and actions (for publication in 2014).  Identify process of updating information on climate change impacts, vulnerability/risks and adaptation for SOER2015.  Identify follow-up to the EEA cities assessment report.  The above activities will also input into the development of ecosystems assessment work including aspects of planetary boundaries, tipping points and uncertainty (see 2.2).	
Support to Global policies  ----- <b>Partners</b> IPCC GFCS GCOS ISDR WHO	Participate in EU delegation to UNFCCC COP18 (Doha, Qatar, Nov-Dec 2012).  Input to the work of relevant EU Council expert groups.  Contribute to the Nairobi Work Programme and web site on impacts, vulnerability and adaptation.  Participation in IPCC plenary meetings. Contribute to and use IPCC AR5 (2013/2014) results (European elements).  Use of GCOS (Global Climate Observing System) (ECVs, essential climate variables) results for EEA indicators.  Participation in relevant meetings and use of	Participate in COP meeting in 2013 (with DG CLIMA).  Continue participation in IPCC plenary meetings, contribute to and use IPCC AR5 (2013/2014) results (European elements).  Work with GFCS (Global Framework for Climate Services) and GCOS to use results for EEA indicators.  Continue participation in meetings and use of relevant ISDR assessment reports (European part).  Continue to participate in WHO meetings and review and use of WHO policy documents and climate/health assessments.	

<b>Type of work</b>	<b>Current focus &amp; outreach in 2012</b> Dataflows- Reports – Indicators – Applications - Networks	<b>2013 activities</b>	<b>Input to 2013 European Commission Objectives - Impact indicators</b>
	<p>relevant ISDR (International Strategy for Disaster Reduction) assessment reports (European part).</p> <p>Participation in WHO meetings. Review and use of WHO policy documents and climate/health assessments.</p>		

## AMP 2.2 Ecosystems

[EEA Staff 11 FTE – EEA core budget 0.93 MEUR]

With the release of the report in early 2013, on simplified ecosystems capital accounts for Europe, follow-up activities will be undertaken including: ecosystems assessments for the EU 2020 Biodiversity strategy (target 2) and connected thematic processes (i.e. marine baseline 2014); options for monetisation of accounts; and natural capital / resource efficiency indicators. Through this the EEA will continue (together with European Commission services) to contribute to the finalisation and adoption of the UN-SEEA Vol. 2 on experimental ecosystem accounting, and its pilot implementations in volunteering countries, as well as related initiatives such as Beyond GDP or World Bank's WAVES project. In parallel, the EEA will publish the report on ecosystem-based management approaches and policies in countries, based on the 2012 questionnaire.

<b>Type of work</b>	<b>Current focus &amp; outreach in 2012</b> Reports – Indicators – Applications – Networks	<b>2013 activities</b>	<b>Input to 2013 European Commission Objectives - Impact indicators</b>
Information systems ----- <b>Partners</b> ENV, JRC RTD, ESTAT	Development of knowledge platform for ecosystem assessments in Europe linked to BISE in support to EU 2020 Biodiversity Strategy (Target 2).	Operational functioning and running of the knowledge platform for ecosystem assessments in Europe linked to BISE and with appropriate links to WISE (inland and marine waters), ClimateAdapt, Land Use Data Centre.	
Support to EU policies ----- <b>Partners</b> ENV, JRC, REGIO, IRP	Support to the working group on mapping and assessment of ecosystems and their services established by DG ENV (WG-MAES). Support to Green infrastructure forthcoming policies and related territorial /regional policies. Support to MSFD and WFD assessment objectives. Survey and report on ecosystem-based management approaches and policies in EEA countries. Simplified physical ecosystem capital accounts for Europe including links to key ecosystem services (in context of UN-SEEA	Extend Ecosystem accounts to cover a broader range of natural capitals and services, combined with regular updating and publishing of accounts as an EEA service. Explore options for using outcomes of ecosystem accounts in economic valuation. Extend analytical functionality and breadth of policy coverage, building links between ecosystems and sectors for both physical and monetary attributes; establishing links to the system of national accounts and extending stakeholder coverage and use. Further develop analysis of ecosystem-based management approaches and policies in EEA countries. Implement (QuickScan) decision support tool to support transparent multi-stakeholder dialogues with analysis	

<b>Type of work</b>	<b>Current focus &amp; outreach in 2012</b> Reports – Indicators – Applications – Networks	<b>2013 activities</b>	<b>Input to 2013 European Commission Objectives - Impact indicators</b>
	<p>Vol. 2 on experimental ecosystem capital accounting).</p> <p>Development of QuickScan decision support tool to support transparent multi-stakeholder dialogues with analysis and illustration based on what-if scenarios in relation to land use conflicts.</p>	<p>and illustration based on what-if scenarios; applications will cover CC adaption, green infrastructure, urban expansion, high-nature forestland, ecosystems structures &amp; services. Develop the tool towards web-based services.</p> <p>Support the International Resource Panel on integrated resource scenarios across the energy-nature-water-land nexus.</p>	
<p>Indicators</p> <p>-----</p> <p><b>Partners</b> ENV, ESTAT, JRC, AGRI, REGIO</p>	<p>See below (Assessment).</p> <p>Direct connection with EEA indicator review and proposals.</p> <p>Embedded in SEBI2010 to SEBI2020 transition (see 1.2).</p>	<p>Develop concrete proposals for ecosystems-targeted EEA indicators; including synergies with SEBI2020 and ecosystem accounting.</p>	<p><b>Natural ecological capital</b> (07/ENV/General Objective 1) lead indicator in Roadmap to Resource Efficient Europe e.g. landscape ecosystem potential and ecosystem degradation; <b>Ecosystems and their services</b> (0703/ENV/ Specific objective 2) – development of new/updated indicators under SEBI initiative, including CSI005</p>
<p>Assessments</p> <p>-----</p> <p><b>Partners</b> ENV JRC</p>	<p>Finalise work plan describing EEA’s building blocks and roadmap for the implementation of the ecosystem (ES) and ecosystem service (ESS) assessment and natural capital accounting under the Biodiversity 2020 strategy, especially Target 2 Action 5, and the related activities on European and global level including cooperation with Member States.</p>	<p>Implement ecosystem assessments at European level with targeted deliveries in 2013 in view of EU 2014 policy milestone: i) biophysical baseline mapping and assessment of the state of major ecosystems; and ii) biophysical baseline mapping and assessment of defined ecosystem services.</p> <p>Full participation and direct contributions to WG-MAES activities.</p> <p>Conduct pilot projects with countries/regions.</p> <p>Develop the ecosystems approach and environmental accounting as the base unit for assessments in SOER2015.</p> <p>Reinforce system of ecosystem accounts by integrating</p>	

Type of work	Current focus & outreach in 2012 Reports – Indicators – Applications – Networks	2013 activities	Input to 2013 European Commission Objectives - Impact indicators
		links to sectoral activities into current framework.	
Support to national and global needs  ----- <b>Partners</b> UN WB FAO GEO SGA	Co-lead development of international ecosystem accounting standards (SEEA – Vol. 2). Help implement World Bank’s WAVES program. GEO/GEOSS project on database for regular production of global ecosystems accounts. Support European contributions to the TEEB and MA-follow-up processes (SubGlobal Assessment network).	Continue to support development of international ecosystem accounting standards (SEEA – Vol. 2). Support to selected World Bank-WAVES projects. Establish ecosystem accounting frameworks at multiple scales, in particular with regard to Europe’s global impact through GEO/GEOSS, TEEB, the UNEP International Resource Panel and other relevant UN activities. Contribute to analyses of ecosystem services in relation to planetary boundaries and tipping points in relation to resilience. Support to Rio+20 follow-up on SDG development through the UN High Level Working Group on Well Being and Natural Capital. Support to IPBES through a European node and develop BISE with regard to ecosystem assessment processes	

### AMP 2.3 Environment and health

[EEA Staff 3.1 FTE – EEA core budget 0.25 MEUR]

The joint EEA-JRC environment and health report will be widely disseminated through workshops and other events. In parallel, information will be used to support the 2013 indicator report on links between natural resources and human health as well as contribute to the on-going work with Eionet on developing an updated narrative for environment and health in Europe. The Agency will also continue to strengthen relations with JRC, WHO, EFSA and ECDC on areas of common interest, e.g. endocrine disrupting substances, and continue to contribute to the Commission initiative on the implementation of the Information Platform for Chemicals Monitoring (IPCHEM).

Type of work	Current focus & outreach in 2012	2013 activities	Input to 2013
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	Dataflows – Reports – Indicators - Applications - Networks		<b>European Commission Objectives - Impact indicators</b>
Information systems  ----- <b>Partners</b> ECDC, JRC, WHO	Support to Arctic countries environment and health assessment including Greenland cooperation.  Support to <b>Chemical Data Centre</b> (renamed IPCHEM in 2012).  Coordination of JRC/EEA activities on environment and health.	<b>IPCHEM:</b> Further contribute to implementation of Information Platform for Chemicals Monitoring.  Further develop capacities with Eionet on data, indicators and assessments for SOER2015 through Article 5 contract.  Continue support to Greenland/Arctic cooperation through contribution to 2014 longitudinal environment and health survey.	
Support to EU legislation  ----- <b>Partners</b> ENV, SANCO ECDC, WHO	Contributions to 7th EAP framing.  Support to follow up to EU commitments at the 5th Ministerial Conference on E&H, Parma, 2010.	Strengthen EEA/ECDC/JRC coordination on environment and health analysis focused on emerging chemical hazards, mixtures and technologies.  Continue follow-up to Parma conference commitments relevant to improving the E&H knowledge base.	
Indicators  ----- <b>Partners</b> WHO, SANCO, ESTAT, ECDC	Development and maintenance of shared EU E&H indicator set together with member countries and EU/international partners.	Develop further indicator developments in view of the E&H narrative being elaborated with Eionet in support of upcoming SOER2015 needs.	



<b>Type of work</b>	<b>Current focus &amp; outreach in 2012</b> Dataflows – Reports – Indicators - Applications - Networks	<b>2013 activities</b>	<b>Input to 2013 European Commission Objectives - Impact indicators</b>
Assessments ----- <b>Partners</b> ECDC	Development of joint report with JRC on E&H in Europe. Development of E&H chapter in the Climate Change Impacts and Vulnerability report. Development of emerging contaminants report. Implementation of workshop on pharmaceuticals and writing of report. Contributions to dissemination SOER2010. Update of the SOER2010 thematic assessment natural resource and waste. Contributions to framing SOER2015.	Disseminate with JRC the 2012 joint Environment and Health report. Produce a briefing on the lessons to be drawn from the latest available knowledge on endocrine disrupting substances, pharmaceuticals, water contamination and ecotoxicology. Provide support for analysis of health impacts of air quality in Europe. Contribute to the 2013 indicator report on resource efficiency, human health and well-being (ref. 2.5 and 3.0).	
Support to global policies ----- <b>Partners</b> WHO, ECDC	Support to WHO and ECDC.	Information technology support to WHO and ECDC for spatial analysis for spread of (non)-communicable diseases.	

## AMP 2.4 Atmosphere: climate air interactions

[EEA Staff 1.5 FTE – EEA core budget 0.29 MEUR]

Activities will focus on refining indicators that address the synergies between air quality and climate mitigation policies. This will build on 2012 assessment work and collaboration with the scientific community (UNEP, IGBP) on the importance of integrated consideration of air pollution and climate mitigation policies (e.g. tackling short lived climate pollutants). This monitoring will build on existing thematic datasets, and will require the development and application of metrics to show the combined air quality/climate effect of air pollutants and greenhouse gas emissions. In addition the evaluation of atmospheric composition change will be extended to other environmental themes by looking at the role of nitrogen deposition and biodiversity.

<b>Type of work</b>	<b>Current focus &amp; outreach in 2012</b> Dataflows- Reports – Indicators – Applications - Networks	<b>2013 activities</b>	<b>Input to 2013 European Commission Objectives - Impact indicators</b>
Information systems ----- <b>Partners</b> Research institutions, ENTR	Networks: Provide input to GMES services and pre-operational projects to ensure that both the atmosphere and climate services will address user needs for air pollution and climate change interaction to be treated as an integrated problem.	Assist with internal and external processes to ensure that relevant information (e.g. scientific, EU/MS datasets) is available for use by EEA, policy makers, the scientific community and other stakeholders in order to approach air pollution and climate change as an integrated problem.	
Support to EU legislation ----- <b>Partners</b> ENV, CLIMA, RTD, JRC	Networks/reports: Contribute to activity on research findings in support of the EU Air Policy review process; advise on type of questions to be answered by scientific community and review of forthcoming report. Support the European Commission's interservice group on emissions from ships. Support the consistent reporting of aviation emissions in LRTAP/UNFCCC inventory.	Support the European Commission's interservice group on emissions from ships. Support the consistent reporting of aviation emissions in LRTAP/UNFCCC inventory. Contribute to EU legislation proposals and policy progress proposals where the co-benefits or trade-offs of air pollution and greenhouse gas mitigation need to be evaluated/highlighted.	
Indicators ----- <b>Partners</b> ENV, CLIMA	Performance of a scoping study on the selection of suitable metrics and indicators allowing combination of air quality, air emissions, greenhouse gas and climate change information to evaluate air pollutant and greenhouse gas linkages and to evaluate	Develop and maintain indicators combining air pollution, greenhouse emissions information in relation to air quality and climate impacts allowing evaluation of air pollution and climate change mitigation policy effectiveness.	(See sections 1.0, 1.1, 1.3)

<b>Type of work</b>	<b>Current focus &amp; outreach in 2012</b> Dataflows- Reports – Indicators – Applications - Networks	<b>2013 activities</b>	<b>Input to 2013 European Commission Objectives - Impact indicators</b>
	European mitigation policy effectiveness. Update and published core set indicator CSI013 on Greenhouse gas concentrations.		
Assessments ----- <b>Partners</b> ENV, CLIMA, JRC, EMSA	Development of EEA technical report concerning low carbon scenarios in Europe – effects on atmospheric air pollutants and greenhouse gases. Development of a joint EEA/EMSA publication on the shipping sector’s impact on air quality and climate change.	Develop and implement metrics and indicators to evaluate the multi-pollutant effect on air quality and climate. Assess deposition of nutrient nitrogen as pressures under the EU Habitat’s Directive. Identify efficient emission reductions strategies aiming at reducing inorganic PM concentrations. Support thematic EEA activities with information on air quality and climate change interactions.	
Support to Global policies ----- <b>Partners</b> UNEP, UNECE, IPCC, ENTR		Provide support to relevant international and European processes (GMES services and pre-operational GMES projects (MACC), LRTAP Task Force on Hemispheric Transport of Air Pollution, EU Air Policy Review, IGBP, GEIA) to encourage the contribution of air pollution and climate change interaction as an integrated problem by atmosphere and climate services.	

## AMP 2.5 Sustainable consumption and production (SCP), resource efficiency and waste

[EEA Staff 5.0 FTE – EEA core budget 2.00 MEUR]

Support to the resource efficiency (RE) roadmap will continue through indicator contributions, environmental accounting improvements and collaboration with Eionet on success stories for resource efficiency following on from the 2011 survey of RE policies. A first batch of SCP indicators will be published and preparations started for the 2014 indicator report on sustainable consumption globally. Work will also continue with stakeholders on new business models in line with SCP objectives. The waste implementation pilot will continue through support to modelling developments and analysis of country performance for specified waste streams. The EEA will also continue to support the Commission on waste prevention plan guidelines.

<b>Type of work</b>	<b>Current focus &amp; outreach in 2012</b> Dataflows – Reports – Indicators - Applications - Networks	<b>2013 activities</b>	<b>Input to 2013 European Commission Objectives - Impact indicators</b>
Support the implementation of the European Commission road map on resource efficiency  ----- <b>Partners</b> EC Coordination ENV ESTAT JRC ENER OECD EPA network CNECT	Support to RE indicator framework (scoreboard). Provide assistance to Eionet members on design and implementation of RE strategies. Development of EEA website resource efficiency and fact sheets. Development of Technical Report addressing NAMEA-EEA Input Output Analysis. Development of methods for embedded resources in imports. Development of paper on definitions, concepts, indicators and targets for resource efficiency to support EC coordination developments: Contributions to Green Economy indicator report.	Continue to contribute to the DG ENV-led development of resource efficiency indicators and scoreboard in line with Annex 6 of the RE roadmap and including for 2013 new indicators derived from environmental (NAMEA, ecosystem) accounting data and trends. Contribute to the 2013 EEA annual indicator report, on resource efficiency, human health and human well-being (see also 3.0). The priority resources addressed will be food, water, energy, and materials including chemicals and examine aspects of decoupling, rebound effects, issue of prosperity and growth more generally. Develop further capacities with Eionet partners building on the successful 2011 EEA report of a country survey of national RE policies. Publish an E-platform based on input/output analyses on pressures from production and consumption in EU27 as a contribution to increasing the utility of such data and indicators across Europe and beyond.	<b>Resource efficiency/ productivity, Natural ecological capital, Water exploitation index, Land take in EU, Exposure to air pollution, Fish catches outside safe biological limits</b> (07/ENV/General objectives)  <b>Ecosystems and their services, Pollutants emissions (SO<sub>x</sub>, NO<sub>x</sub>, NMVOC, NH<sub>3</sub>, PM<sub>10</sub>)</b> (0703/ENV/Specific objectives) delivery of indicators and use in assessments.
SCP integrated	Cooperation with Eionet on SCP, including via the Eionet Forum.	Support the 10 year framework of programmes on SCP agreed at Rio+20, through indicators and analyses.	

<b>Type of work</b>	<b>Current focus &amp; outreach in 2012</b> Dataflows – Reports – Indicators - Applications - Networks	<b>2013 activities</b>	<b>Input to 2013 European Commission Objectives - Impact indicators</b>
assessments and outreach ----- <b>Partners</b> ENV,SANCO, ENER,ESTAT, JRC,OECD, UNEP,UNDESA WBCSD, WEF	Update and communicate SOER2010 analyses Joint workshops with business and other stakeholders Produce first set of SCP indicators	Organise workshop with business (including through WBCSD) on the DNA of sustainable business models Further develop and update SCP indicators in the EEA indicator management system. Prepare for the 2014 EEA annual indicator report on sustainable consumption in a global context Ensure continuous dialogue with Eionet on SCP and RE, including possibly through an Eionet workshop in 2013.	
Waste data, indicators and assessments ----- <b>Partners</b> ENV, ESTAT JRC, OECD, UNECE ENP countries	Update CSIs on waste, development of 2-3 new waste indicators for the EEA website; Intensify EC cooperation developments on waste. Work with countries on waste prevention challenges. Analysis of waste recycling and Green Economy. Analysis and information on waste shipments. Support ENP countries (south/Mediterranean and east), Western Balkans, Russia and Greenland in the area of waste.	Support DG Environment, member countries and the public with good information on the waste management situation in Europe. Update and expand EEA indicators on waste in line with improvements in data reported under EU legislation. Analyse national waste prevention plans and recycling potentials for municipal waste as a support to the forthcoming review of the Waste Framework Directive. Contribute to capacity building in the ENP countries and Western Balkans.	<b>Total waste generated, Municipal waste treatment, Generation and recycling of packaging waste</b> (0703/ENV/specific objective 1) -including CSI016, CSI017 <b>Improvement of environment infrastructure, to promote compliance with...particularly waste management, ...</b> (1305/REGIO/ Specific Objective 2)
Pilot project on waste implement- ation ----- <b>Partners</b> ENV, ESTAT	Pilot project on waste implementation, in close cooperation with DG ENV, focused on modeling review and ex-post analysis of past municipal solid waste performance.	Continue activities with the European Commission and with countries, in particular on model developments and ex-post analyses in line with implementation priorities. Make available the results of the ex-post analyses of country performance on municipal solid waste.	
Support to	Support EU policy implementation in the area	Support DG ENV and the countries on the development	

<b>Type of work</b>	<b>Current focus &amp; outreach in 2012</b> Dataflows – Reports – Indicators - Applications - Networks	<b>2013 activities</b>	<b>Input to 2013 European Commission Objectives - Impact indicators</b>
national, EU and global policy processes  ----- <b>Partners</b> ENV, OECD, UNEP, IRP, UNDESA	of SCP, resource efficiency and waste Support to EU presidencies. Support to the International Resource Panel on development of resource scenarios for metals.	of Rio+20 sustainable development goals and indicators Support the 2013 EU Presidencies. Continue to participate in the International Resource Panel work on resource efficiency and Green Economy.	

## AMP 2.6 Land use

[EEA Staff 10.1 FTE – EEA core budget 2.4 MEUR]

The geo-spatial dimension of the EEA thematic information systems will be reinforced in connection with GMES/Initial Operation Land and the Inspire developments. These upgrades/improvements will be based on the maintenance of the EEA Land Use Data Centre and the spatial data infrastructure. Linked to this, the organisation and maintenance of geo-spatial data sets will be consolidated. This will further support the regular production of ecosystems accounts (land, biodiversity, water, carbon, landscape potential) and EEA contributions to topics such as: green infrastructure, urban atlas, soil assessments, territorial indicators and, in particular, ecosystem assessments and the QuickScan tool (see 2.2). An update of the environmental territorial characterisation of Europe's regions will be carried out in support of the Territorial Agenda & Action plan 2020. Depending on a decision of the EEA Management Board in March 2013, a tendering and selection process for a new ETC in 2014 may be conducted.

Type of work	Current focus & outreach in 2012 Dataflows- Reports – Indicators – Applications -Networks	2013 activities	Input to 2013 European Commission Objectives - Impact indicators
Information systems  ----- <b>Partners</b> ESTAT JRC REGIO ENTRESA	<p><b>Land Use Data Centre:</b> Development of the Data Centre. Land and Ecosystems Accounting (LEAC) generalised as pivot data hub related to continental land and features, populated at km<sup>2</sup> and sub km<sup>2</sup> with gridded and statistical attributes.</p> <p>Rivers &amp; catchment database (Ecrins) upgraded and LEAC populated.</p> <p>Development of the appropriate GMES services for making use of national activities and short-term availability of land seasonal changes and attributes.</p> <p>User-friendly access to regularly updated data of GMES Land monitoring service, in-situ land surveys and analytical tools facilitating trade-off analysis for land resource management.</p>	<p><b>Land Use Data Centre:</b> continue the systematic updating of the multi-scalar km<sup>2</sup> grid for production of base maps, including land use and land cover, urban atlas, spatial indicators and physical ecosystems accounts.</p> <p>Reinforce the geo-spatial information presented in related information Systems (WISE, BISE, ClimateAdapt), in line with Inspire implementation.</p> <p>Contributions to the user-perspectives on thematic applications of GIO-Land services and other surveys (LUCAS).</p> <p>Implement spatial analytics for global land-cover and land-use, e.g. roadless areas, urban atlas, soil erosion, carbon and moisture, using the EEA data service, EEA SDI, GMS land monitoring service, and the Eye on Earth network.</p>	
Reporting support to EU	Key support to: .WFD and the EU Water Blueprint, providing	Extend application of land data and assessments for direct use in spatial optimization studies of EU green	

<b>Type of work</b>	<b>Current focus &amp; outreach in 2012</b> Dataflows- Reports – Indicators – Applications -Networks	<b>2013 activities</b>	<b>Input to 2013 European Commission Objectives - Impact indicators</b>
<p>policy and legislation</p> <p>-----</p> <p><b>Partners</b> ENV REGIO AGRI JRC</p>	<p>contextual elements (land occupation and stratification, and water accounts);</p> <p>.Spatial optimization of EU green infrastructure and guiding the biodiversity restoration efforts under the EU 2020 Biodiversity Strategy objectives;</p> <p>.Resource efficiency roadmap (land-related issues);</p> <p>.EU Strategy and Regulation on environmental accounts (carbon, ecosystem services, land, water); and the EU Territorial Agenda &amp; Action Plan.</p>	<p>infrastructure and guiding the biodiversity restoration efforts.</p> <p>Further application of land information in the analysis of environmental issues and inputs into ecosystems assessments work (see 2.2).</p> <p>Support to EU framework policy on soils (content to be confirmed thru joint roadmap with JRC and ENV).</p> <p>Support to the implementation of Regional policies and their follow-up (analytical entities, environmental dependencies) and to regional (territorial) assessments – contributions to next EU Cohesion report and EC coordinated urban policy.</p>	
<p>Indicators</p> <p>-----</p> <p><b>Partners</b> ESTAT ENV REGIO</p>	<p>Update of currently defined indicators: Land Take (CSI014) Land use change (AEI 9) of ESTAT and SEBI 04</p> <p>Development of indicators (common with water), upgraded water exploitation index and water indexes from the water accounts, and indicators derived for land / ecosystem / carbon accounting.</p>	<p>Continued update of CSI014 Land take, based on availability of GMES land monitoring data (GIO Land).</p> <p>Improve temporal /seasonal dimension of Development of indicators derived for land / ecosystem / carbon accounting.</p> <p>Contribute to adoption of territorial indicators (under EU Territorial Agenda &amp; Action Plan)</p>	<p><b>Land take in EU</b> (07/ENV/General objective 1) – delivery of indicator and use in assessments, including CSI014</p>
<p>Assessments</p> <p>-----</p> <p><b>Partners</b> JRC</p>	<p>Development of assessments on changes in landscape and Green Infrastructure potentials.</p> <p>Development of land use changes scenarios (using QuickScan tool –see 2.2).</p> <p>Preparation for SOER2015 on integrated land use assessment.</p> <p>Publication of State of coasts in Europe report.</p>	<p>Implement the integrated land assessment concept in EEA combining main land use aspects: productivity, ecosystem support, climate change adaptation and territorial cohesion.</p> <p>Study urban metabolism (based on 2011-12 work) with selected cities (for results in 2014).</p> <p>Contribute to the UNEP IRP report on soils and land potential.</p>	



<b>Type of work</b>	<b>Current focus &amp; outreach in 2012</b> Dataflows- Reports – Indicators – Applications -Networks	<b>2013 activities</b>	<b>Input to 2013 European Commission Objectives - Impact indicators</b>
Support to Global policies  ----- <b>Partners</b> ESA, FAO	Cooperation with ESA and FAO regarding global land cover products. Meeting of Eionet Interest group on Land use and spatial planning. Contributions to UNSD-SEEA revision (see 2.2).	Use and application of upcoming GMES Land services in EEA work; Improve cooperation with JRC and implement GEOSS project on databases for global land accounts.	

## AMP 2.7 Agriculture and Forests

[EEA Staff 3.1 FTE – EEA core budget 0.57 MEUR]

The high-value nature dimension of farmland will be further analysed, based on a method validated in 2012. A similar analysis will be applied to forest land; this will be an important activity in order to complete a coherent spatial reference base that supports issues such as connectivity/fragmentation, green infrastructure, ecosystem restoration. The agri-environment indicators will be expanded to reflect both the resource efficiency roadmap objectives and the EU 2020 Biodiversity strategy targets; forest information related indicator developments will also be covered. The report on forest ecosystems and multi-functionality will be published in first half of 2013 in the context of the adoption of the European forest strategy. Agriculture and forest information will be further integrated into BISE.

Type of work	Current focus & outreach in 2012 Dataflows – Indicators – Applications - Reports Networks	2013 activities	Input to 2013 European Commission Objectives - Impact indicators
Information systems  ----- <b>Partners</b> ENV JRC AGRI	Support to the development of BISE on Agriculture and forests issues.  Follow-up of thematic data and information frameworks reinforcing SEIS implementation and GMES developments (links to SES)	Further integration of data and information on Agriculture and Forest (from diverse sources) into BISE while reinforcing the use of its innovative services & tools and integrating them with other knowledge management tools.  Integrate the GMES initial operations on land (HRL and VHRL) into BISE.  Liaison with the <b>European Forest Data Centre</b> (EFDAC) at the JRC.	
Support to EU policy  ----- <b>Partners</b> ENV AGRI JRC	Follow-up analysis of policy requirements based on biodiversity targets and on CAP-2013 negotiations and its implications within a broader regional and development context, and evolution – as a priority for the global and EU Biodiversity Strategies.  Contribute to the proposal for EU Forest monitoring system under Forest Policy group.	Support biodiversity policy developments towards 2020 (target 3) based on High Nature Value (HNV) farmland, pilot on HNV forest, biodiversity indicators and relating these to forests and agriculture while linking to broader agri-rural dimensions of territorial cohesion (2.2 & 2.6) and the requirements for conservation status of Species and habitats (1.2).  Support Resource efficiency Roadmap on corresponding topics.	
Indicators  -----	Further streamline Agri-Environment indicators (AEI) between the Group of 5 partners to the MoU of Agri-Environment	Update Agri-Environment indicators (AEI) under EEA responsibility; upload them in IMS and define an efficient and sustainable way to maintain them while	<b>Total change in forest area</b> (07/ENV/General objective 2) – Contribution to European part of global indicator and use in

<b>Type of work</b>	<b>Current focus &amp; outreach in 2012</b> Dataflows – Indicators – Applications - Reports Networks	<b>2013 activities</b>	<b>Input to 2013 European Commission Objectives - Impact indicators</b>
<b>Partners</b> ESTAT, AGRI, JRC, ENV, FOREST EUROPE	indicators and with the current SEBI2010 indicators both at EU and pan-European levels.  Follow-up other data and indicators frameworks complementing CSI, SEBI and others and in connection to Data Centres, SEIS implementation and GMES developments.	streamlining with other initiatives. Adapt/adopt indicators and reporting methodologies to meet the needs of the 2020 EU and global biodiversity targets, the CAP reform and as input to Europe 2020, in particular Resource Efficiency Flagship (link to 1.2)  Connect to OECD indicators for agri-env policy analysis, FAO, AGRI, JRC and FOREST EUROPE (formerly MCPFE).	assessments. Plus SEBI17, SEBI18.
Assessments  ----- <b>Partners</b> FOREST EUROPE, UN- ECE, FAO, ENV, AGRI, JRC	Support to forest and agriculture ecosystems assessments in response to future challenges namely the MA follow-up, the CAP reform and the future regional policy within the framework of the 2020 global and EU Biodiversity Strategies.  Develop further links to SCP (food and fibre) and to broader spatial developments and initiatives.  Support the scoping of assessment needs for the usage of economic tools within both sectors and the broader context of multilateral trade agreements.	Reinforce links to biodiversity policy and its 6 targets and scope SOER2015 assessments  Link to the Resource efficiency and Green Economy initiatives recognizing its links to ecosystem functions, planetary boundaries, tipping points and resilience.  Further scope work on genetic resources (link to 1.2) and its implications for biodiversity, namely under the new Nagoya Protocol on Access and Benefit-sharing (ABS protocol) where the use of non-trade concerns as denominations of origin to be considered.	
Support to Global policies  ----- <b>Partners</b> ENV, FAO, FOREST EUROPE, CBD, OECD	Streamline cooperation in European and International institutional settings within these sectors and consider further regional perspectives across biogeographic regions.	Support the achievement of the 2020 biodiversity targets both at global and EU levels.  Support IPBES developments.	

## AMP 2.8 Energy

[EEA Staff 3.7 FTE – EEA core budget 0.66 MEUR]

Focus will be given to scoping and improving reporting capabilities on the climate and energy targets under the sustainable growth objective of the Europe 2020 strategy. Particular attention will be paid to energy efficiency (e.g. multiple benefits of energy efficiency policies, reporting mechanism under the energy efficiency directive) and renewable energy (e.g. mechanisms to enhance the competitiveness of renewable energy sources, assessing progress towards the 2020 target).

<b>Type of work</b>	<b>Current focus &amp; outreach in 2012</b> Reports – Indicators – Applications – Networks	<b>2013 activities</b>	<b>Input to 2013 European Commission Objectives - Impact indicators</b>
Information systems  ----- <b>Partners</b> CLIMA, ENER, REGIO, MARE, ENV, ESTAT, JRC	Scoping work on tracking system for tracking progress towards the targets for renewable energy (20%) and energy efficiency (20%) in the EU Climate and Energy Policy.  Follow up on the on-going decision making process in the proposal for a greenhouse gas Monitoring Mechanism Revision.	Implement the tracking of progress towards 2020 targets on renewable energy and energy efficiency (work to be carried out in close coordination with area 1.3 on greenhouse gas monitoring).	
Support to EU policies  ----- <b>Partners</b> CLIMA, ENER, ENV, ESTAT, JRC	Development of assessments of environmental aspects of sectoral policies (indirect support).  Preparation of tracking system for renewable energy and energy efficiency targets as described above under information systems.	Support monitoring progress towards Europe 2020 headline targets (energy efficiency and renewable energy).	
Indicators  ----- <b>Partners</b> CLIMA, ENV,	Revision of the current set of 23 energy and environment indicators in line with the internal EEA process of streamlining environmental indicators and the dynamic of the policy process in the area of energy and	Further adapt and develop the indicator set for energy and environment.	<b>Development and delivery of EERM energy/environment trend indicators.</b>  Plus CSI027, CSI028, CSI029, CSI030, CSI031

<b>Type of work</b>	<b>Current focus &amp; outreach in 2012</b> Reports – Indicators – Applications – Networks	<b>2013 activities</b>	<b>Input to 2013 European Commission Objectives - Impact indicators</b>
ESTAT, ENER, ODYSSEE, IEA	environment.		
Assessments ----- <b>Partners</b>	Investigation of environmental aspects related to the transition to a low carbon energy system	Further integration and expansion of the energy dimension (renewables and energy efficiency) of the current annual progress report towards relevant Europe 2020 targets (“The trends and projections report”). See 1.3.  Develop specific case studies on energy subsidies, renewables and innovation.	
Support to national and global needs  ----- <b>Partners</b>		Collaboration with the International Energy Agency as appropriate.	

## AMP 2.9 Transport

[EEA Staff 4.2 FTE – EEA core budget 0.69 MEUR]

The EEA will receive first mandatory data on CO2 emissions from light commercial vehicles (“vans”) in 2013 according to Regulation EC 510/2011, which, together with the more established flow of data for passenger car CO2 emissions under Regulation EC 443/2009, will become a main priority in 2013. It will secure access to key data, allowing analysis and validation of the reported data to support the European Commission in the evaluation of manufacturer’s performance towards their targets. In addition, TERM2013 will build upon recent TERM reports in providing updated data on the environmental performance of the transport sector, monitoring progress towards environmental targets of the 2011 White Paper *Roadmap to a Single European Transport Area*. It will also address the main environmental problems caused by urban transport, as well as potential solutions. Finally, EEA (in cooperation with JRC) will continue supporting the development of the COPERT4 road transport emissions software model as a main tool used by Eionet countries for estimating air pollutant and GHG emissions from the road transport sector for official emission inventory reporting.

<b>Type of work</b>	<b>Current focus &amp; outreach in 2012</b> Dataflows- Reports – Indicators – Applications -Networks	<b>2013 activities</b>	<b>Input to 2013 European Commission Objectives - Impact indicators</b>
Information systems  ----- <b>Partners</b> CLIMA	Data collection on CO2 from motor vehicles.	Continue data collection work on CO2 from cars. Start first mandatory data collection on CO2 from vans.	
Reporting support to EU policy and legislation  ----- <b>Partners</b> CLIMA MOVE	Monitoring the implementation of regulations of 443/2009 on cars and CO2 and 510/2011 on vans and CO2.	Continued work on cars and CO2. Support to the implementation of the monitoring of vans and CO2. Follow policy developments on reducing CO2 emissions from Heavy Duty Vehicles.	
Indicators  -----	Follow-up and tracking of the integration of environmental perspectives into transport policy with 40 transport and environment	Refine indicators to take into account the targets included in the transport policy (2011 White Paper on	<b>Development and delivery of TERM transport/ environment trend</b>

<b>Type of work</b>	<b>Current focus &amp; outreach in 2012</b> Dataflows- Reports – Indicators – Applications -Networks	<b>2013 activities</b>	<b>Input to 2013 European Commission Objectives - Impact indicators</b>
<b>Partners</b> CLIMA MOVE ENV ESTAT	indicators (including 3 CSIs). EEA indicators fulfil the request in the European Parliament’s resolution on the 2011 Transport White Paper calling for an annual assessment of progress in integration.	Transport). Work towards adaptation of indicators to support a stronger sectoral perspective in SOER2015 and the Green Economy.	<b>indicators.</b> Plus CSI035, CSI036, CSI037
Assessments  ----- <b>Partners</b> CLIMA MOVE ENV ESTAT	Further development of the Transport and Environment Reporting Mechanism (TERM). Development of TERM 2012 to provide an annual assessment of the EU transport and environment policy progress, while also including an in-depth analysis of air pollution issues.	Develop TERM2013 to continue tracking the implementation of targets in the transport white paper, based on the TERM-Core Set of Indicators. Include assessment of urban transport issues and of regional and local transport developments covering accessibility and eco-innovative urban transportation systems. Explore issues related to the 2050 perspective on the transport sector, including resilience of the transport infrastructure against climate change.	

### 3. INTEGRATED ENVIRONMENTAL ASSESSMENTS

#### AMP 3.0 Strengthening integrated environmental assessments

[EEA Staff 5.6 FTE – EEA core budget 0.60 MEUR]

The 2013 indicator report will focus on natural resources and the links to human health and well-being. Work will begin on the SOER2015 as a two year project towards publication in early 2015. In parallel, EEA indicators will continue to be improved and used for the SOER and other purposes, a first digest of EEA indicators will be published and contributions will continue to Commission-led initiatives on composite indicators. Networking activities will include working with NRCs for state of the environment reporting and contributing to the next round of global state of the environment reporting initiatives resulting in particular from the Rio+20 2012 conference covering SDGs and UNEP's next Global Environment Outlook (GEO-6).

<b>Type of work</b>	<b>Current focus &amp; outreach in 2012</b> Dataflows – Reports – Indicators - Applications - Networks	<b>2013 activities</b>	<b>Input to 2013 European Commission Objectives - Impact indicators</b>
Information systems  ----- <b>Partners</b> ESTAT, JRC, DGENV	Activities to ensure development of a basis for regular SOE reporting within the EEA and Eionet, e.g.: Maintain annual NRC-SOE meeting; Further develop the SENSE approach; Maintain online SOE knowledge base.	Develop and run an Eionet workshop for NRC-SOE focused on links between country and European SOE systems and on how to address the Green Economy in SOE reporting.  Further develop IT approaches and infrastructure for linking up indicators and data-bases through the EU Indicators Producers Forum.	
Support to EU legislation  ----- <b>Partners</b> ENV	Support to EU environment policy debates using the outcomes of EEA's integrated assessments (e.g. SOER2010 to support debates on 7EAP).	Continue to use EEA's integrated assessments to support major EU policy processes, especially expected developments around the resource efficiency roadmap and the 7EAP.	
Indicators  ----- <b>Partners</b> ESTAT, ENV, UNEP/UNSD	Development of further methods and approaches that underpin indicator development and assessments, e.g.: Review EEA environmental indicator sets; Refresh EEA core set of indicators.	Publish a first Digest of EEA indicators in line with the indicator pyramid agreed in March 2012 Management Board seminar.  Develop new indicators to fill gaps identified in EEA indicator review, e.g. around ecosystem resilience and	<b>EEA core set of indicators</b> (0703/ENV+CLIMA/Specific objective 5) – publish first Digest of EEA indicators and maintain indicator management system



<b>Type of work</b>	<b>Current focus &amp; outreach in 2012</b> Dataflows – Reports – Indicators - Applications - Networks	<b>2013 activities</b>	<b>Input to 2013 European Commission Objectives - Impact indicators</b>
		resource efficiency. Continue to support the Beyond GDP process on the composite index of environmental pressures, improve EEA indicator timeliness and dissemination	
Assessments ----- <b>Partners</b> ESTAT JRC	Provide analysis in support of EEA’s cross-cutting, integrated environmental assessments, e.g.: Publish indicator report 2012 (Green Economy); Environmental impact of economic sectors (bio-energy analysis).	Produce indicator report 2013 on resource efficiency and human well-being (link to area 2.5) through structured frameworks and cross-thematic analytical support. Discuss SOER2015 project with stakeholders through 1 <sup>st</sup> quarter of 2013. Begin implementation of SOER2015 from Q2, with a primary focus on developing stakeholder interactions, analysis and assessments, through workshops.	
Support to global policies ----- <b>Partners</b> UNEP	Using the outcomes of integrated assessments in global environment policy debates, e.g.: Use SOER outcome and indicator report for Rio+20.	Promote EEA assessments and methods in the context of global environmental reporting processes such as UNEP’s Global Environmental Outlook and the Sustainable Development Goals initiatives agreed at Rio+20.	

### AMP 3.1 Regional and global assessments

[EEA Staff 1.0 FTE – EEA core budget 1.03 MEUR]

Cooperation with various Ecoregions will be strengthened covering the Alps, Pyrenees, Carpathians and Caspian. On-going support to the Regular assessment process in the pan-European region will be given, as well as to the assessment of progress with the Horizon 2020 on depolluting the Mediterranean, supported by the extension of SEIS to the ENP countries under the ENPI-SEIS project. Participation will continue in Arctic SAON activities and in the Arctic SDI project in partnership with Arctic Council states. Cooperation projects with the Russian Federation will continue. Support will be given to the implementation of UNEP-Live and especially SOE-Live. The Rio+20 outcomes will be followed up as basis for streamlining future assessments and indicators.

Type of work	Current focus & outreach in 2012 Dataflows – Reports – Indicators - Applications - Networks	2013 activities	Input to 2013 European Commission Objectives - Impact indicators
Information systems  ----- <b>Partners</b> Alpine Convention, Carpathian Protocol, Pyrenees Working Community Secretariat, ENP countries, UNECE	Continued cooperation with Ecoregions: Alpine Convention Secretariat on data flows, indicators, assessment methods and reports, and information systems; Pyrenees on adaptation to CC in terms of studies for Adaptation report and participation to ClimateAdapt.  <i>Gradual extension of SEIS to the ENP countries to support reporting and indicator developments and the implementation of the Regular Process for assessments in the pan-Europe region (see 5.1).</i>  Cooperation under EU-Central Asia dialogue on how to extend SEIS to Central Asia following the 2011 Astana Environment Ministers conference.	Continue cooperation with Ecoregions: Use of European data by the Alpine Convention for specific issues linked to their activities on different themes (Reports of the state of the Alps, Working groups); conclude mapping exercise on overlapping of indicators and data sets of the EEA and the Alpine Convention; organised environmental observations for the Alps as SEIS regional node.  Formalise working cooperation with Carpathian Protocol, similar to the one with the Alps; tripartite agreement with Alpine Convention Secretariat.  Transfer to the Pyrenees Working Community EEA expertise on data collection, information sharing and structuring and in assessing climate change impacts, vulnerability and adaptation.  Explore potential cooperation with authorities in charge of existing EU Regional Strategies (Baltic, Danube) and in the make (Alpine area).  Assistance and steering of Central Asia SEIS related projects (AWARE, MONECA, Caspian Sea Information system) in support of extending SEIS as basis for	

<b>Type of work</b>	<b>Current focus &amp; outreach in 2012</b> Dataflows – Reports – Indicators - Applications - Networks	<b>2013 activities</b>	<b>Input to 2013 European Commission Objectives - Impact indicators</b>
		regular assessments. <i>Continue the gradual extension of SEIS to the ENP countries (see 5.1). Delivery of capacity building training in the area of SEIS infrastructure, indicators and data flows in the ENPI countries particularly in the areas of air, water and waste (resources).</i>	
Indicators ----- <b>Partners</b> EEAS, DEVCO, ENV, ESTAT, MARE, JRC, CLIMA, ENP countries, Greenland, UNEP/MAP, Arctic Council & Working Groups, Russian Federation	Further implementation of the Mediterranean Horizon 2020 RMR sub-group activities, building on ENPI-SEIS and IPA activities, to make data and indicators on priorities/hot spots available & accessible. Continuation of EEA-Russia cooperation projects on forest/land cover monitoring; SEIS; Long range transport of air pollutants; Improved waste/ hazardous chemicals management; and mobile environmental monitoring and control instrumentation. Continuation of Arctic SAON cooperation exploiting Eionet and SEIS experiences to underpin and sustain Arctic observing systems. Support activities under Arctic SDI project, in partnership Arctic Council states. Support to ICZM policy development in connection with Inspire implementation and SEIS implications as well as connections to MARATLAS.	<i>Initiate the production of indicators in both East and South neighbours under the ENPI-SEIS project (see 5.1)</i> Continue to support and steer the work of the UNECE WGEMA and Joint Task Force on indicators to assist countries in the production of agreed indicators and improvement of the regular SOE reporting. Coordinate the work of the H2020 RMR sub-group towards the production of H2020 indicators based on regular data flows following SEIS principles. Continue Arctic SAON cooperation exploiting Eionet and SEIS experiences to underpin and sustain Arctic observing systems. Support activities under Arctic SDI project, in partnership with Arctic Council states. Continue EEA-Russia cooperation projects under the EU cooperation on environmental monitoring. Continue cooperation with Ecoregions: Alpine Convention Secretariat and Pyrenees.	<b>Development and delivery of first H2020 indicators</b>
Assessments ----- <b>Partners</b> UNECE	Follow up of the EE-AoA process and the conclusions of the 2011 Astana Ministerial conference developing with partners an Outline on how to develop the regular assessment process and extend SEIS to the	On-going support to the regular process for assessments in the pan-European region based on the Outline. Preparation of a mid-term review report on the implementation of the Astana mandate in terms of regular assessment underpinned by extension of SEIS to	

<b>Type of work</b>	<b>Current focus &amp; outreach in 2012</b> Dataflows – Reports – Indicators - Applications - Networks	<b>2013 activities</b>	<b>Input to 2013 European Commission Objectives - Impact indicators</b>
UNEP/MAP JRC ENP countries	whole of Europe. Initiating H2020 country assessments and production of a H2020 indicator based report including country assessments.	Pan-Europe. Produce a trial H2020 assessment using the developed indicators. Contribute to 3rd cycle of EPR process by providing SEIS based assessments to the forthcoming EPRs for Moldova and Croatia	
Support to Global policies  ----- <b>Partners</b> ENV, CLIMA UNEP/DEWA UNEP/RoE	Follow up of the Special Initiatives from the Eye on Earth Abu Dhabi meeting (December 2011) especially the "Access for All Initiative" and the "Global Network of Network". Support to UNEP-Live (SOE-Live/future Global Environmental Outlooks) through UNEP's GC (February 2012) with European use cases and EE-AoA results. Contributions to the Rio+20 conference and support to EU delegation on Green Economy and environmental governance (promoting SEIS/Eionet approach).	Support the implementation of UNEP-Live including Eye on Earth services, various data input procedures and the global network of networks for the UNEP GC (February). Follow up the Rio+20 outcomes as basis for streamlining future assessments and indicators and focus on key priorities. Participate in the High Level Group on well-being and natural capital for Rio+20 SDG follow up.	

### AMP 3.2 Decision support

[EEA Staff 2.1 FTE – EEA core budget 0.64 MEUR]

The report “Late Lessons from Early Warnings: Science, precaution and innovation” will be launched on 23 January and mark the start of what will be an extensive dissemination and communication of the many diverse analyses emerging from that work. Work will continue on developing collaborations with citizen science initiatives.

<b>Type of work</b>	<b>Current focus &amp; outreach in 2012</b> Dataflows – Reports – Indicators - Applications - Networks	<b>2013 activities</b>	<b>Input to 2013 European Commission Objectives - Impact indicators</b>
Late Lessons  ----- <b>Partners</b> Academia WHO	Publication of Late lessons 2.	Disseminate widely LL2 to many audiences and networks.  Establish and run expert network and web forum on web to discuss issues emerging from LL2 and how to progress further.  Complement the retrospective analyses of Late Lessons with robust prospective analyses, which utilise the value of known analogies to help make better decisions in the face of uncertain futures.  Provide background to further analysis of planetary boundaries, tipping points and uncertainty in decision-making (see work under 2.2 Ecosystems)	
Citizen science  ----- <b>Partners</b> UNEP Various NGOs Greenland	Gathering of lay and local knowledge case studies and development of citizen science methodologies.  Development of international meeting on role of global to local information in decision-making.	Support citizen science component of Eye-on Earth user conference as part of Irish presidency programme.  Further support and facilitate the use of lay, local and traditional knowledge and citizen science in effective and policy-related long-term monitoring and assessments as sources of evidence for taking timely and robust decisions.  Support the development of a European Network to provide a platform for citizen scientists to develop their work and share information.	

<b>Type of work</b>	<b>Current focus &amp; outreach in 2012</b> Dataflows – Reports – Indicators - Applications - Networks	<b>2013 activities</b>	<b>Input to 2013 European Commission Objectives - Impact indicators</b>
Complexity research dissemination  ----- <b>Partners</b> Academia	Report on evaluation of evidence from research studies on endocrine disrupting substances.	Disseminate updated analyses of the effectiveness of the dissemination of environmental research in Europe.	

### AMP 3.3 Economics

[EEA Staff 3.5 FTE – EEA core budget 0.53 MEUR]

Several analyses will come to fruition around Green Economy aspects including ex-post analysis and ex-ante analysis of environmental policy performance, structural changes, technical innovations and trade, and the finance sector. A report on market based instruments for resource efficiency will be published by the autumn to support discussions on broader fiscal reforms under the Europe 2020 strategy.

<b>Type of work</b>	<b>Current focus &amp; outreach in 2012</b> Dataflows – Reports – Indicators - Applications - Networks	<b>2013 activities</b>	<b>Input to 2013 European Commission Objectives - Impact indicators</b>
Green economy  ----- <b>Partners</b> ENV, ESTAT, JRC, OECD, UNEP, IMF	Development of indicator-based assessment on Green Economy. Support to EU Presidencies. Support to Rio+20 green economy discussions and negotiations.	Support the Commission and member countries in implementation of Rio+20 agreements to work towards a Green Economy. (see also work under Publish a report on ex-post analyses of progress towards policy targets and future prospects in the context of 2020 a Green Economy for Europe. Publish an inventory of EU environmental policy targets and the use of indicators to monitor those targets. Finalise a study on the role of the finance sector in a	

<b>Type of work</b>	<b>Current focus &amp; outreach in 2012</b> Dataflows – Reports – Indicators - Applications - Networks	<b>2013 activities</b>	<b>Input to 2013 European Commission Objectives - Impact indicators</b>
		Green Economy. Continue to contribute to the development of green economy indicators in support for the 2013 and 2014 EEA indicator reports and in the preparation of SOER2015.	
Ecological fiscal reform (EFR)  ----- <b>Partners</b> ENV, TAX, CLIMA, TREN, ENER, ESTAT, JRC, OECD UNEP, IMF	Providing information on environmental taxation to member state administrations, the general public and EU EFR awareness raising campaign – workshops to be organized in cooperation with EU member states. Participation at major environmental economics and taxation conferences – building up and maintaining good cooperation (network)	Prepare EEA report on the role of market based instruments in support of achieving the objectives of the resource efficiency roadmap (and the 7 <sup>th</sup> EAP) including environmentally harmful subsidies. Organise workshops with interested EEA member countries on potentials for ecological fiscal (taxes and subsidies) reform in their country Continue to support, as necessary, countries who have already held EFR workshops (Ireland, Italy, Spain) Contribute to analyses on potentials of reforming environmentally harmful subsidies with a specific focus on the energy sector.	<b>Environmental taxation: share of environmental taxes, and 'Green spending'</b> (07/ENV/General objective 3) – use of indicators in assessments
Environmental externalities  ----- <b>Partners</b> ENV, TAX, ENER, ESTAT, JRC, OECD, UNEP, WEF	Analysis of results from EU research projects on external costs of air and water pollution to support use of figures for cost of inaction in decision-making. Support to countries to make best use of available evidence on externalities in the implementation of relevant directives.	Publish analyses on externalities from air pollution from freight transport in connection to the Eurovignette Directive. Update and develop further indicators on environmental externalities (water, lead/mercury etc.). Analyse further how calculations of externalities, using environmental accounting methods, can be used in indicators for measuring progress towards a Green Economy in Europe.	

### AMP 3.4 Strategic futures

[EEA Staff 3.5 FTE – EEA core budget 0.74 MEUR]

Activities with Eionet will be further strengthened through the on-going work on FLIServices through contracting under Article 5 of the EEA Regulation. Updates will be published for Global Megatrends building on the work done for SOER2010 and looking ahead to SOER2015. Activities on scenarios development will continue in the West Balkans, Mediterranean and Danube regions and also in collaboration with OSCE on a range of natural resource-related issues. Previous work with selected countries on building long term capacities for scenarios development – BLOSSOM – will be revisited and updated.

<b>Type of work</b>	<b>Current focus &amp; outreach in 2012</b> Dataflows – Reports – Indicators - Applications - Networks	<b>2013 activities</b>	<b>Input to 2013 European Commission Objectives - Impact indicators</b>
Information systems	Further development of FLIS with Eionet using Article 5 of EEA regulation. Continue strengthening of network capacities, in particular focusing on development of FLIServices as set out in the 2011 FLIS Brochure.	Continue to introduce and build regular activities and capacities across the whole network through an interlinked system on the web, and decentralised content management in line with SEIS. Ensure links to SOER2015 and 2020 through FLIS components such as indicators, inventory of models and approaches to scenarios	Develop FLIS further as basis for more continuous inputs to strategic <i>discussions and</i> long-term analysis / decision making.
Assessments ----- <b>Partners</b> EUROSTAT, OECD, IEA, WORLD BANK, UNEP IRP	Global megatrends (GMTs) update of selected indicators as preparation for the next SOER. Development of project plan for Forward-looking assessment of water in West Balkans.	Analyse further Global Megatrends (GMT) and other forward looking assessments (e.g. environment and security) as contribution to SOER2015. Undertake forward-looking analyses for water in the West Balkans and prepare report for publication in early 2014. Undertake a scenarios and forward looking indicator exercise for an integrated assessment of future availability and use of resources and materials, including <i>inter alia</i> rare earth elements and critical metals, water and land with UNEP International Resource Panel	
Capacity building	Further development of FLIS with Eionet using Article 5 of EEA regulation-Consortium of national institutions.	Continue work on Article 5 through for example a renewed BLOSSOM (Bridging long-term scenario and strategy analysis: organisation and methods) exercise	



<b>Type of work</b>	<b>Current focus &amp; outreach in 2012</b> Dataflows – Reports – Indicators - Applications - Networks	<b>2013 activities</b>	<b>Input to 2013 European Commission Objectives - Impact indicators</b>
		with interested Eionet countries.	
Indicators	Screening and update of selected indicators within GMTs.	Develop FLIS and GMT indicators in line with on-going indicator review process and in support of SOER2015.	
Scenarios  ----- <b>Partners</b> OSCE, ENV, Danube Convention	Development of environment and security scenarios in Caucasus.  Development of project proposal and cooperation framework for a transport vision in relation to environment in the Danube area.	Further develop environment and security scenarios in Mediterranean. Finalise and publish environment and security report with key messages from regional and global analyses for all OSCE regions as part of OSCE cooperation.  Continue the Danube transport project under the Danube Convention.  Publish review of Baltic sea scenarios on the web.	

## 4. INFORMATION SERVICES AND COMMUNICATION

### AMP 4.0 Shared Environmental Information System

[EEA Staff 32.3 FTE – EEA core budget 7.98 MEUR]

The activities will focus on three areas: i) Continued support to all data and information management across the Agency and further improving the access and sharing together with Eionet, European Commission services and other partners based on the SEIS principles. Priority topics for 2013 are air quality (e-reporting), fresh and marine water (WISE) and biodiversity (BISE); ii) Maintenance and further development of the infrastructure for SEIS. Special attention will be given to the integration of existing IT tools available at the Agency to support the data and information handling for the SOER process (SDI, web services, SENSE, Eye on Earth); iii) Support to institutional cooperation and networking, i.e. to support the INSPIRE implementation in close cooperation with DG ENV, JRC, Eurostat and Eionet.

<b>Type of work</b>	<b>Current focus &amp; outreach in 2012</b> Dataflows- Reports – Indicators – Applications -Networks	<b>2013 activities</b>	<b>Input to 2013 European Commission Objectives - Impact indicators</b>
IT development and maintenance  ----- <b>Partners</b> ENV JRC Eurostat CLIMA RTD ENTR MARE REGIO CNECT UNEP	Development and maintenance of the EEA's IT infrastructure, European Data Centres, networking tools and public web content management systems including the EEA main website, Eionet website including Forum, EE-AoA portal, SERIS, Envirowindows and Sensorweb.  Maintenance and upgrading of Reportnet tools, including the Reporting Obligations Database and the Business Data Repository tool	Continue the development and maintenance of the EEA's ICT infrastructure for data and information handling, European Data Centres, networking tools and public web content management systems i.e. the EEA main website, Eionet website, the Eionet Forum, and Envirowindows.  Continue maintenance and upgrading of Reportnet tools, including the Reporting Obligations Database and the Business Data Repository tool, redesigning the Indicator Management System.  Maintain and further develop infrastructure to improve links between EU and country SOE reports (i.e. SERIS, EE-AoA)  Continue the development of SENSE (phase3) for improving automated sharing of national and European assessments.  Prepare systems for "SOE live" and SOER2015 and, in that context, develop and maintain the Semantic Data Service (SDS).	Maintain the EEA website annual up-time of at least 98%. (0703/ENV+CLIMA/Specific objective 5)  Degree of ratification of Multilateral Environmental Agreements (07/ENV/General objective1) – Maintenance and upgrade of Reporting Obligations Database

<b>Type of work</b>	<b>Current focus &amp; outreach in 2012</b> Dataflows- Reports – Indicators – Applications -Networks	<b>2013 activities</b>	<b>Input to 2013 European Commission Objectives - Impact indicators</b>
		Explore the harmonisation of reporting tools i.e. the EEA's Reportnet versus Eurostat's Edamis	
<p>Data and indicator management</p> <p>-----</p> <p><b>Partners</b> ENV, JRC, ESTAT, CLIMA</p>	<p>Development of annual reporting of Eionet Priority Data flows including quality assessment and control, data service management, and production of maps and graphs.</p> <p>Update of Indicator management system (IMS) and data maintenance for the core set of indicators (CSI).</p> <p>Maintenance of the European Data Centre webpages for air, climate change, water, biodiversity and land use</p>	<p>Continue the annual reporting on Eionet Priority and other key data flows including quality assessment and control data deliveries (publication date June 2013)</p> <p>Continue the EEA data service management for the publication of EEA datasets.</p> <p>Integrate data policy requirements into EEA management of data.</p> <p>Manage reference data for a fully INSPIRE compliant Spatial Data Indicator.</p> <p>Production of maps and graphs for all EEA reporting.</p> <p>Continue maintenance and operations of the Indicator Management System (IMS) for the data and information management of the core set of indicators (37) and other indicators maintained by the EEA (225 in total).</p> <p>Adapting approach to wider context of UN statistical standards</p>	<p>EEA core set of indicators and other indicator sets and underpinning data are available via web-based platforms as part of SEIS.</p> <p>(0703/ENV+CLIMA/Specific objective 5)</p> <p>National delivery of annual Eionet and priority other key data flows, Access to key environmental information and assessments</p> <p>(0703/ENV+CLIMA/Specific objective 5)</p>
<p>Management of thematic information services</p> <p>-----</p> <p><b>Partners</b> ENV, JRC, ESTAT, CLIMA, MARE, REGIO, RTD;</p>	<p>Maintenance, support and enhancement of environmental information systems i.e.: WISE (water); BISE (biodiversity); EUNIS (nature); Natura2000 (protected areas); NOISE (noise); AIRBASE and data viewers (air quality); CLC (land cover, land use ); EPRTTR (emissions); Clearinghouse Biodiversity; Clearinghouse Climate Adapt; Business Data Repository tool; and the Eye on Earth services AirWatch, WaterWatch, NoiseWatch, NatureWatch and Marine Litter Watch.</p>	<p>Organise the first Eye on Earth User Conference in Dublin (in March) as an EU Presidency associated event.</p> <p>Continue the support, maintenance and enhancement of environmental information services for environmental and cross-cutting themes and Integrated Environmental Assessments described in sections 1, 2 and 3 above i.e.: WISE (water); BISE (biodiversity); EUNIS (nature); NATura2000 (protected areas); NOISE (noise); AIRBASE and data viewers (air quality); CLC and LEAC (land cover, land use, ecosystem accounting); EPRTTR (emissions); Clearinghouse Biodiversity; Clearinghouse Climate Adapt; Forward looking Information and Services (FLIS); and new support to the pilots on e-</p>	<p>Increased use of EEA information and assessments accessed via EEA website.</p> <p>(0703/ENV+CLIMA/Specific objective 5)</p>

<b>Type of work</b>	<b>Current focus &amp; outreach in 2012</b> Dataflows- Reports – Indicators – Applications -Networks	<b>2013 activities</b>	<b>Input to 2013 European Commission Objectives - Impact indicators</b>
<b>Public private partnership (see text)</b>		reporting air and waste. Continue the maintenance of and further developments to the Eye on Earth network and the use of citizen science and crowd sourcing for AirWatch, WaterWatch, NoiseWatch, NatureWatch and Marine Litter Watch applications. Continue the development of Eye on Earth through a public private partnership (partners to be confirmed).	
Direct support to EU policies  ----- <b>Partners</b> DG ENV DG CLIMA JRC Eurostat	Support to the implementation of the Inspire Directive for developing an infrastructure for spatial information in Europe i.e. on data specifications for Annex II and III data. Maintenance of GEMET service, including the dictionary for Inspire spatial data themes. Implementation of SEIS together with EC and Eionet i.e. country visits to support the network for stepwise implementation of SEIS. Development of SENSE and Semantic Data Service (SDS) for improving automated sharing of national and European data for "SOE live"	Continue to strengthen support to the implementation of the Inspire Directive i.e. monitoring & reporting, data sharing policy, the assessment of INSPIRE implementation in general and the Inspire geoportal more specifically (subject to final agreement and clarification of resource implications with JRC, DG ENV and Eurostat). Maintain the GEMET service, including the dictionary for the Inspire spatial data themes. Further implement SEIS together with the EC (based on the implementation plan, expected to be published by end 2012) and Eionet i.e. continue the country visits to support the network for stepwise implementation of SEIS.	Objectives as specified in COM(2012)95: Improving the delivery of benefits from EU environment measures: building confidence through better knowledge and responsiveness
Support to Global policies  ----- <b>Partners</b> OGC UNEP CNECT	Participation in OGC and support development of different open source standards. Support to establish UNEP-Live and deliver EEA member country data Support to Rio+20 negotiations to take-up the Global Network of Networks and Eye on	Participate in OGC and support development of different open source standards. Foster, together with GEO/GEOSS, further implementation of the Eye on Earth network in a UN context as a follow-up from Rio+20 (where it is recognised in the outcome document) supported the Special Initiative of a Global Network of Networks.	

<b>Type of work</b>	<b>Current focus &amp; outreach in 2012</b> Dataflows- Reports – Indicators – Applications -Networks	<b>2013 activities</b>	<b>Input to 2013 European Commission Objectives - Impact indicators</b>
	Earth as the global public information network.		

#### **AMP 4.1 GMES/GEOS**

[EEA Staff 8.5 FTE – EEA core budget 1.55 MEUR]

The EEA core budget will be used to facilitate the involvement of Eionet and the EEA in the implementation of Global Monitoring for Environment and Security, i.e. Eionet GMES working group, GMES User Forum, GMES Committee. The EEA will continue its contribution to the Global Earth Observation System of Systems (GEO/GEOS), i.e. the GEOS data core, and linking between the GEOS Common Infrastructure (GCI), Eye on Earth and the EuroGEOS broker. In addition, final results of the GMES In Situ Coordination project (GISC, covered by FP7 funding) will be delivered in 2013 as well as first results of the GMES Initial Operations for land monitoring (GIO Land, covered by an EC delegation agreement).

<b>Type of work</b>	<b>Current focus &amp; outreach in 2012</b> Dataflows- Reports – Indicators – Applications -Networks	<b>2013 activities</b>	<b>Input to 2013 European Commission Objectives - Impact indicators</b>
Support to EU policies ----- <b>Partners</b> CLIMA, ENTR, ENV, JRC, RTD DG REGIO, ESA	Support to the European Commission on GMES (including one national expert seconded to the GMES Bureau) specifically in: Facilitating Eionet involvement in GMES (Working group); Defining user requirements and specifications for GMES services; Participation in the governance structures of GMES i.e. the GMES Committee and, the User Forum.	Support to the European Commission in implementing the GMES Programme specifically: Facilitating Eionet involvement in GMES (Working group); Providing input to the definition of user requirements and facilitating uptake of GMES services for atmosphere, climate change, land and marine applications, including the Urban Atlas update; Participation in GMES governance structures i.e. the GMES Committee and the User Forum.	Objective: To promote the operational use of EU Earth monitoring services (GMES) Result indicator: (0202/ENTR/Specific objective 9)
Support to national and global needs	Support to the Group on Earth Observations (GEO) and contribution to the Global Earth Observation System of Systems (GEOS) specifically: Contribution to architecture and	Continue to participate actively in the implementation of the GEO/GEOS work programme 2012-2015 specifically by: Provision of EEA/Eionet data for the GEOS data core;	GEO Work Programme 2012 - 2015

<b>Type of work</b>	<b>Current focus &amp; outreach in 2012</b> Dataflows- Reports – Indicators – Applications -Networks	<b>2013 activities</b>	<b>Input to 2013 European Commission Objectives - Impact indicators</b>
<p>----- <b>Partners</b> DG RTD JRC</p>	<p>data; Contribution to the user interface; Linking Eye on Earth to the GEOSS GCI through the brokering infrastructure provided by the EUROGEOSS project.</p>	<p>Provision of input to the validation of global land cover for the European continent. Membership of the Data Sharing Working Group (subgroup on Data-Core/GCI); Leadership of component for ID-04-C3 Global Environment Information Platforms (Eye on Earth). Ensure linking between the GEOSS Common Infrastructure (GCI) and Eye on Earth; Co-lead of development, maintenance and coordination of surface-based observing networks (in-situ and airborne); Coordination of EEA contribution to components across SBAs, including co-chair of Board; Coordination with Eionet to identify synergies and interactions with country and EU contributions. Support to the EU contribution to GEO in close cooperation with RTD, JRC, DG ENV and DG ENTR on: GEO monitoring and evaluation working group; Steering and advisory on European projects contributing to GEOSS; Participation in EC High level working group.</p>	
<p>Coordination of additional revenue project - GISC grant agreement</p> <p>----- <b>Partners</b> ENTR, RTD, ESA</p>	<p><i>GMES in-situ coordination (GISC) FP7 funded.</i></p>	<p><i>Continue the implementation of the GISC project. Third and final year of the GISC project for coordination of the GMES in-situ component (end date 31 October 2013). [Total of EUR 3 million non-core funding – for a FP7 project (average EUR 1 million per year).] Priorities for 2013: Finalising country visits – analysis and overview of national in-situ capacities of visited countries; Implementation and review of quick wins; Input to the GMES governance; Delivery of initial framework; GISC workshop in spring 2013.</i></p>	<p><i>Objective: To promote the operational use of EU Earth monitoring services (GMES) (0202/ENTR/Specific objective 9)</i></p>

<b>Type of work</b>	<b>Current focus &amp; outreach in 2012</b> Dataflows- Reports – Indicators – Applications -Networks	<b>2013 activities</b>	<b>Input to 2013 European Commission Objectives - Impact indicators</b>
<p>Coordination of additional revenue project – GIO land delegation agreement</p> <p>-----</p> <p><b>Partners</b> DG ENTR DG ENV JRC DG REGIO ESA</p>	<p><i>Coordination of the GMES Initial Operations Land Monitoring (GIO Land) activities in accordance with the delegation agreement and the GMES annual workplan 2012 for GIO.</i></p> <p><i>Second year of the implementation of GMES land monitoring services (GIO)</i></p>	<p><i>Continue the implementation of the operational GMES Land monitoring service</i></p> <p><i>[Total of EUR 20 million (spread across three years) non-core funding for the period 2011-2014, of which a maximum of 7% is used for EEA coordination costs. The bulk of the budget is used for service contracts and grant agreements with participating countries.]</i></p> <p><i>An extension to the Delegation Agreement is scheduled along with the approval of the GMES annual WP 2013, for the coordination of reference data access for GMES services land and emergency response (to be approved during the second half of 2012).</i></p> <p><i>Priorities for 2013 cover:</i></p> <ul style="list-style-type: none"> <li><i>.Develop a seamless HR satellite image mosaic service;</i></li> <li><i>.Develop Pan-European component including: completion of high resolution layers for imperviousness, forests, grassland, wetlands and water;</i></li> <li><i>.Conduct Corine land cover update of the reference year 2012;</i></li> <li><i>.Carry out CLC change mapping 2006-2012;</i></li> <li><i>.For HRLs and CLCs a mixed production process is managed involving industry (contracts) and Eionet NRCs (grants). The latter includes the non-EU countries;</i></li> <li><i>.Local component: Carry out Call for tender and start of mapping of land cover over riparian zones, tailored for biodiversity monitoring purposes;</i></li> <li><i>.Provide technical support to the update of Urban Atlas2012;</i></li> <li><i>.Conduct support activities to decentralised land cover mapping methodologies if view of a future pan-</i></li> </ul>	<p>Objective: To promote the operational use of EU Earth monitoring services (GMES) (0202/ENTR/Specific objective 9) – contributions to individual services</p>

<b>Type of work</b>	<b>Current focus &amp; outreach in 2012</b> Dataflows- Reports – Indicators – Applications -Networks	<b>2013 activities</b>	<b>Input to 2013 European Commission Objectives - Impact indicators</b>
		<p><i>European land cover concept;</i></p> <p><i>.Provide support the EC in the definition of the GMES land service portfolio beyond 2014;</i></p> <p><i>.Provide support to the EC in the GMES cross service coordination of dissemination activities.</i></p> <p><i>.Reference data access (extension to the DA): Linkage of European hydrography data (EU-hydro) with national hydrographic DBs whilst maintaining consistency with EU-DEM.</i></p>	



## AMP 4.2 Communications

[EEA Staff 29.8 FTE – EEA core budget 4.81 MEUR]

While focus will be given to Air and Resource Efficiency, relevant communication tools will be developed and used to support all thematic and cross-cutting areas. In anticipation of a new multiannual work programme, focus also will be given to developing key communication tools, more targeted and online dissemination infrastructure, work on qualitative performance indicators and a review of EEA's stakeholders and their needs. External communication will develop and integrate social media tools to facilitate dialog and participation with EEA stakeholders as well enhance the strategic use of graphics, interactive maps and other visual and participatory elements. The EEA will continue to work on its new Communication plan to enter into force 2014.

Type of work	Current focus & outreach in 2012 Dataflows- Reports – Indicators – Applications -Networks	2013 activities	Input to 2013 European Commission Objectives - Impact indicators
Strategic Communication ----- <b>Partners</b> EU Institutions, Media, Press, Civil Society, International environmental organisations, EPA Network, regional and national Parliament Representations in Brussels, European NGOs, European Industry, Federations,	Enhanced efforts on two-way dialogue; Specific thematic communication strategies to cover priorities: Water; Rio+20; Green Economy/Resource Efficiency; Climate Change. Increased use of new technologies and reporting instruments, e.g. social media. Continued cooperation with key partners and institutions and integration into the environmental agendas of key partners; Expand outreach to cover other (non- environmental) sectors engaged in policy- making; Regular policy briefings.	Develop and implement thematic communication plans to support the annual EEA priorities on Air and Resource efficiency. Finalise the new corporate communication plan to be linked to the upcoming multiannual strategy. Evaluate communication activities and analyse stakeholder relations. Develop strategic elements of communication including key messages on priorities. Enhance communication cooperation with member countries through joint projects, thereby strengthening the Eionet network. Continue to focus communication activities on continued cooperation with key partners and institutions and on the integration of communication initiatives into the environmental agendas of key partners; outreach to include other (non-environmental) sectors engaged in policy-making.	Develop strategic communication elements to support the European Commission 2013 Year of Air, including Climate Change, and the priority on Resource Efficiency.
EU Institutions		Continued support to strategic management and overall communication policy of key clients via further	

<b>Type of work</b>	<b>Current focus &amp; outreach in 2012</b> Dataflows- Reports – Indicators – Applications -Networks	<b>2013 activities</b>	<b>Input to 2013 European Commission Objectives - Impact indicators</b>
----- <b>Partners</b> ENV, CLIMA, EP		networking and developing regular policy briefings.	
Networking ----- <b>Partners</b> ENV, CLIMA, EP	Close work with existing and emerging networks. Development of emerging communication networks such as: the Green Spider Network; The Network of EU Representations and Information offices; Relevant educational processes (e.g. UN Decade for Education on Sustainable Development).	Close work with existing and emerging networks; Ensure closer links of NRCs for Communication to communication networks such as: the Green Spider Network; The Network of EU Representations and Information offices; Relevant educational processes (e.g. UN Decade for Education on Sustainable Development).	
Media / PR ----- <b>Partners</b> ENV, CLIMA, EP	Develop core network of journalists across Europe. Maximise and monitor media coverage of the Agency's environmental messages. Organisation of media briefings with selected journalists. Update the media database. Targeted dissemination of EEA outputs.	Maintain and develop core network of journalists across Europe. Continue targeted media dissemination. Special targeted media efforts in connection with key reports on ozone, air quality, bathing water; and with Signals, TERM and the GHG emission reports. Continue specific targeted media monitoring to evaluate the impact of our media relations incl. social media channels.	
Public awareness raising / Events ----- <b>Partners</b> ENV, CLIMA,	Public awareness raising and assurance of visibility at environmental exhibitions and events.	Ensure Agency visibility at environmental exhibitions and events, individually or through partnerships. Ensure availability of EEA publications on EU Bookshop website and EU Information Centres, and via targeted dissemination activities for each new product. Participate in national and local events, events related to the Irish and Lithuanian EU presidencies and specific EEA events (external, in-house or on the web). Generate new communication content (info graphics,	

<b>Type of work</b>	<b>Current focus &amp; outreach in 2012</b> Dataflows- Reports – Indicators – Applications -Networks	<b>2013 activities</b>	<b>Input to 2013 European Commission Objectives - Impact indicators</b>
		web articles, Signals).	
Website / Enquiries / Signals  ----- <b>Partners</b>	Attention to layout and design, content management and editing to enhance the look and feel of the website. Use of web-tailored products such as briefings and multimedia to maximize outreach and the impact of EEA messages. Improvement of design, navigation and structure of Web site. Support implementation of more feedback and dialogue features. Focus on Signals 2012 priorities on water and Green Economy, for Rio+20.	Improve accessibility of information on EEA website by ensuring regular updates of the content. Continue improving the public enquiry service. Give focus to Signals 2013 priority of air.	
Social media  ----- <b>Partners</b>	Communication with younger audiences strengthened; Produce various outputs suitable for youths and broader education purposes; focus on key tools (Facebook Twitter, blogs, etc.).	Continue increasing the EEA’s presence in social media channels, events and networking efforts in particular, and outreach to new audiences, including youth.	
Support to EU policies  ----- <b>Partners</b> ENV, CLIMA, EP	Coordination of EEA communication initiatives with those of the EC, EP and the Presidency-in-office of the Council of Ministers.	Integrate the EEA’s communication initiatives into other EU institutions; better adapt EEA communication and publication strategy to EU policy agenda via various tools.  Develop regular policy briefings; improve message identification and development via the editorial process.	
Indicators  ----- <b>Partners</b>		Communication on Balanced Scorecard indicators, establish qualitative impact indicators.	

<b>Type of work</b>	<b>Current focus &amp; outreach in 2012</b> Dataflows- Reports – Indicators – Applications -Networks	<b>2013 activities</b>	<b>Input to 2013 European Commission Objectives - Impact indicators</b>
Support to global policies  ----- <b>Partners</b> EU Institutions and bodies; Secretariats of internal Conventions	Support to meetings of: UNFCCC, UN CSD, UNEP, GEO.	Communication support to global policies and processes.	

#### **AMP 4.3 Evaluating our impact**

[EEA Staff 1.0 FTE – EEA core budget 0.30 MEUR]

The EEA five year evaluation will be completed with a final report for adoption by the EEA Management Board in March 2013, which will include conclusions to be implemented.

<b>Type of work</b>	<b>Current focus &amp; outreach in 2012</b> Dataflows- Reports – Indicators – Applications -Networks	<b>2013 activities</b>	<b>Input to 2013 European Commission Objectives - Impact indicators</b>
Evaluation of the Agency  ----- <b>Partners</b> Stakeholders, EU institutions	Support the submission of draft report at the end of the year.	New contract to be put in place for finalisation by March 2013.  Support the Steering Committee in finalising the EEA 5-year evaluation; work to provide input into new 2014-2018 EEA strategy.	Improved effectiveness and efficiency

## 5. EEA GOVERNANCE AND PARTNERSHIPS

### AMP 5.0 Governance and country network support

[EEA Staff 11.9 FTE – EEA core budget 2.71 MEUR]

The activities will focus on: Servicing the Management Board, Bureau and Scientific Committee; collaboration with member and collaborating countries via Eionet structures such as NFPs, the EPA network and the country desk officer network; and working with the European neighbourhood countries on the gradual implementation of SEIS (via ENPI-SEIS funding).

<b>Type of work</b>	<b>Current focus &amp; outreach in 2012</b> Dataflows- Reports – Indicators – Applications -Networks	<b>2013 activities</b>	<b>Input to 2013 European Commission Objectives - Impact indicators</b>
Secretariat/ Coordination  ----- <b>Partners</b> ENV CLIMA RTD ESTAT JRC	Secretariat support to management board, bureau, scientific committee and NFP/Eionet group including organization of meetings and coordination with relevant EEA staff ; Coordination of support to board chairman, scientific committee chairman and other partners; Coordination of review of development of Eionet through workshops and other lines of communication and support; Coordination of Eionet country visits; Coordination of EEA country desk officer network.	Secretariat support to management board, bureau, scientific committee and NFP/Eionet group including organization of meetings and coordination with relevant EEA staff Coordination of support to board chairman, scientific committee chairman and other partners; Coordination of development of Eionet through workshops and other lines of communication and support; Coordination of Eionet country visits; Coordination of EEA country desk officer network.	<b>Progress along Pre-accession path for candidate countries, Status of relations on environmental issues with Potential and Candidate countries</b> (0702/ENV/Specific objective 1) – coordination of activities with non-Member States in Eionet
<i>Coordination of additional revenue project –IPA</i>	<i>Coordination and development of activities with West Balkan cooperation countries under separate funding (Instrument for Pre-Accession, €1.0m for 2012-13) to further develop agreed activities within EEA</i>	<i>Coordination and development of activities with West Balkan cooperation countries under separate funding (Instrument for Pre-Accession, €1.0m for 2012-13) to further develop agreed activities within EEA work programme.</i>	<b>Progress along Pre-accession path for candidate countries, Status of relations on environmental issues with Potential and Candidate countries</b> (0702/ENV/Specific

----- <b>Partners</b> EEAS	<i>work programme.</i>		objective 1) – coordination of activities with non-Member States in Eionet
<i>Coordination of additional revenue project- ENPI</i>  ----- <b>Partners</b> DEVCO EEAS ENPI countries	<i>Coordination and development of extension of SEIS to ENP countries and Russian Federation under separate funding (European Neighbourhood and Partnership Instrument, €5.7m for 2010-2014) with emphasis on workshops to develop workplan agreed in 2012.</i>	<i>Continuation of coordination and development of extension of SEIS to ENP countries and Russian Federation under separate funding (European Neighbourhood and Partnership Instrument, €5.7m for 2010-2014) with emphasis on indicators, reporting and capacity building in 2013.</i>	

### **AMP 5.1 European and international cooperation and networks**

[EEA Staff 12.1 FTE – EEA core budget 1.51 MEUR]

Cooperation and support with EPA and ENCA networks will continue. International cooperation will focus on the Arctic and pan-European regions including Central Asian countries as well as to working closely with UNEP. Supporting UNEP-Live will be a priority, strengthening its underpinning with the Eye on Earth Global Public Information Network and ensuring coherence with SEIS and EEA's SOER developments. The Ecoinformatics initiative with the US and others will be revisited with the aim to support these broad initiatives internationally. Opportunities for EEA contributions to the follow up from Rio+20 will be identified and linked with core work especially on indicator developments and the Green Economy. Work will continue to share in countries and regions globally the EEA/Eionet model and SEIS.

<b>Type of work</b>	<b>Current focus &amp; outreach in 2012</b> Dataflows- Reports – Indicators – Applications -Networks	<b>2013 activities</b>	<b>Input to 2013 European Commission Objectives - Impact indicators</b>
Secretariat/ Coordination of the EPA Network &	Secretariat support to the EPA Network, including coordination of plenary meetings, development of tools, website and overview/analysis of member	Secretariat support to EPA Network, including coordination of plenary meetings, development of tools, website and overview/analysis of member responsibilities. Coordination of EEA contributions to EPA Network and	

<b>Type of work</b>	<b>Current focus &amp; outreach in 2012</b> Dataflows- Reports – Indicators – Applications -Networks	<b>2013 activities</b>	<b>Input to 2013 European Commission Objectives - Impact indicators</b>
ENCA  ----- <b>Partners</b> EPA & ENCA Network members	responsibilities. Coordination of EEA contributions to EPA and ENCA Networks. Participation in EPA and ENCA Network meetings and relevant Interest Group activities.	ENCA. Participation in EPA and ENCA Network meetings and relevant Interest Group activities. Organisation of EPA Network plenary meeting in Copenhagen in 2013.	
Coordination or Support to global or regional policies  ----- <b>Partners</b> ENV, CLIMA, EEAS, UNEP, UNEP/MAP, UNECE, WHO, OECD, ASEF, ASEAN, CEDARE US EPA, Arctic Council, OCTs, Russian Federation, Central Asian and other countries beyond Europe	Promote exchange of information and experiences with ENP partner countries Partnerships and cooperation with international and regional bodies, in particular UNEP, UNECE, WHO, OECD Cooperation with regional bodies, such as UNEP/MAP, Arctic Council and Caspian Sea Secretariat Cooperation with organisations and networks beyond Europe, e.g. ASEF, Central Asia Conference, African Environmental Information Network and in LAC region. Review EcoInformatics (with US EPA and others) Exchange of information and experiences with countries beyond Europe, for example, Central Asia republics, China, Canada, India, Brazil, and Mexico. Inputs and feedback towards UNEP's GEO-5 report, including participation in relevant	Develop and strengthen partnerships and cooperation with international and regional bodies, in particular with: UNEP, UNECE, WHO, OECD, Arctic Council and Caspian Sea Secretariat, the Arctic Council and relevant working groups as well as cooperation with Greenland and Russia in support of EU external policies. Promote exchange of information and experiences with countries beyond Europe including Australia, Brazil, Canada, China, India and Mexico and OCTs such as Greenland. Exchange of information and experiences will also be pursued with Indigenous peoples of the North, including the Sami and Inuit's in support of European Commission initiatives. Support cooperation with organisations and networks linked to and beyond Europe especially ASEF, ASEAN, the African Environmental Information Network, CEDARE and in the LAC region. Promotion and development of the Regular process for environmental assessments and SEIS extension in the pan-European Region as follow up of 2011 Astana ministerial. Development of existing projects and initiatives for the	<b>EU participation in MEAs, Level of EU influence on decisions taken by MEAs and processes</b> (0702/ENV+CLIMA/Specific objective 1) – EEA contributions to EU Participation

<b>Type of work</b>	<b>Current focus &amp; outreach in 2012</b> Dataflows- Reports – Indicators – Applications -Networks	<b>2013 activities</b>	<b>Input to 2013 European Commission Objectives - Impact indicators</b>
	working groups and panels. Support to the EU in the Rio+20 Conference.	gradual development of SEIS and assessments in Central Asia. Develop cooperation with the Special Initiatives from the Abu-Dhabi Eye on Earth summit (Dec 2011) especially the Global Network of Networks, Access for All and Disaster Management initiatives, linking with future EcoInformatics network (with US EPA and others). Support to UNEP-Live developments as GEO-5 follow up; Co-ordinate Rio+20 conference follow-up (see earlier sections). Support to governmental bodies as well as organised civil society in enhancing environmental awareness and performance.	



## VIII. List of acronyms and abbreviations

AC	Arctic Council
AEI	Agri-Environmental Indicators
AEO-3	African Environmental Outlook 3
AGRI	EC Directorate General Agriculture and Rural Development
AIRBASE	European Air quality database
AMP	Annual Management Plan
EE-AoA	Europe's Environment Assessment of Assessments
AP	Air Pollution
ASEAN	Association of South-east Asian Nations
ASEF	Asia-Europe Foundation
ASG	Adaptation Steering Group
BISE	Biodiversity Information System for Europe
BLOSSOM	Bridging Long-Term Strategy
CAP	Common Agricultural Policy
CBD	Convention on Biological Diversity
CC	Climate Change
CC IVA	Climate Change Impacts, Vulnerability and Adaptation
CDDA	Common Database on Designated Areas (National)
CEDARE	Center for Environment and Development for the Arab Region and Europe
CIRAD	Centre de Coopération Internationale en Recherche pour le Développement
CISE	Chemicals in the Environment Information System for Europe
CITL	Community Independent Transaction Log
CLC	Corine Land Cover
CLIMA	EC Directorate General for Climate Action
CLRTAP	Convention on Long-range Transboundary Air Pollution
CNECT	EC Directorate General for Communications Networks, Content and Technology
COMM	EC Directorate General for Communication
CORINE	Coordination of Information on the Environment
CSI	Core Set of Indicators
DEVCO	EC Directorate General for Development and Cooperation-EuropeAid
DG	European Commission Directorate General
DPSIR	Driving forces – Pressures – State – Impacts - Responses
E&H	Environment and health
EAP	Environment Action Programme
EAP-TF	Task Force for the Implementation of the Environmental Action Programme
EBONE	European Biodiversity Observation Network
EC	European Commission
ECCP	European Climate Change Programme
ECDC	European Centre for Disease Prevention and Control
ECFIN	EC Directorate General for Economic and Financial Affairs
ECHO	EC Directorate General for Humanitarian Aid and Civil Protection
ECVs	Essential Climate Variables
EFI	European Forest Institution
EFR	Environmental Fiscal Reform
EEA	European Environment Agency
EEAS	European External Action Service
Eionet	European environment information and observation network
EMEP	European Monitoring and Evaluation Programme
EMODnet	European Marine Observation and Data Network
EMSA	European Maritime Safety Agency
ENCA	European Network of Heads of Nature Conservation Agencies

ENER	EC Directorate General for Energy
ENTR	EC Directorate General for Enterprise and Industry
ENP	European Neighbourhood Policy
ENPI	European Neighbourhood Partnership Instrument
ENV	EC Directorate General for Environment
EP	European Parliament
EPA	Environmental Protection Agency
EPoN	Expert Panel on Noise
EPR	Environment Performance Review
ERM	Euro Regional Map
ESPN	European Observation Network, Territorial Development and Cohesion
E-PRTR	European Pollutants Release and Transfer Register
ESA	European Space Agency
ESD	Effort Sharing Decision (greenhouse gas emissions reduction)
	Education for sustainable development
ESRI	The name of a Geographic Information System software
ETR	Environmental tax reform
ETS	Emissions Trading Scheme
EU	European Union
EUNIS	European Nature Information System
EURECA	European Ecosystem Assessment
EUROCONTROL	European Organisation for the Safety of Air Navigation
Eurostat/ESTAT	Statistical Office of the European Communities
FAIRMODE	Forum of Air Quality Modellers in Europe
FAO	Food and Agricultural Organisation
FLIS	Forward-looking information and services
FP7	Framework Programme 7
GBIF	Global Biodiversity Information Facility
GCOS	Global Climate Observing System
GDP	gross domestic product
GEO-5/GEO-6	Global Environment Outlook-5/6 (UNEP)
GEO	Group on Earth Observations
GEOBON	Group on Earth Observations - Biodiversity Observation Network
GEOSS	Global Earth Observation System of Systems
GFCS	Global Framework for Climate Services
GHG	Greenhouse gases
GIO	GMES Initial Operations
GISC	GMES in-situ Coordination
GMES	Global Monitoring for Environment and Security
Horizon 2020	EU research programme 2014-2020
H2020	The Horizon 2020 Initiative to de-pollute the Mediterranean by 2020
HRL	High Resolution Layers (GIO Land)
HTAP	Hemispheric Trans boundary Air Pollution
ICT	Information and Communication Technology
ICZM	Integrated Coastal Zone Management
IEA	International Energy Agency
IMAGE 2012	Satellite Imagery system
IMO	International Maritime Organization
IMS	Indicator Management Systems
INFSO	EC Directorate General for Information Society and Media
INSPIRE	Infrastructure for Spatial Information in Europe
IPCC AR 5	Intergovernmental Panel on Climate Change, Fifth Assessment Report
IPBES	International science-policy platform on biodiversity and ecosystem services
IPCC	Intergovernmental Panel on Climate Change
IPCHEM	Information Platform for Chemicals Monitoring (formerly Chemicals Data Centre)

IRP	International Resource Panel
ISDR	International Strategy for Disaster Reduction
JRC	Joint Research Centre (European Commission)
KNEU	Developing a Knowledge Network for European expertise on biodiversity and ecosystem services
LAC	Latin America and the Caribbean
LRTAP	Long-range Trans boundary Air Pollution
LUCAS	Land use/cover Area frame statistical survey
LULUCF	Land use, Land-use Change and Forestry
MA	Millennium ecosystem Assessment
MARATLAS	DG MARE European Atlas of the Seas
MARE	EC Directorate General for Maritime Affairs and Fisheries
MCPFE	Ministerial Conference on the Protection of Forests in Europe, now known as FOREST EUROPE
MEPC	Marine Environment Protection Committee
MOVE	EC Directorate General for Mobility and Transport
MMD	EU GHG Monitoring Mechanism Decision
MMR	EU Regulation on a mechanism for monitoring and reporting greenhouse gas emissions and for reporting of other information at national and Union level relevant to climate change
MRV	Measurement, Reporting and Verification (MRV) of GHG mitigation
MS	Member States
MS-MONINA	Multi-scale Service for Monitoring NATURA 2000
MSFD	Marine Strategy Framework Directive
MSP	Maritime Spatial Planning
NAMEA	National Accounting Matrix with Environmental Accounts
NATURA 2000	Nature Convention Programme
NEC	National Emission Ceilings
NECD	National Emission Ceilings Directive
NFP	National Focal Point
NGO	Non-governmental organization
NRC	National Reference Centre
OCTs	EU's Overseas countries and territories
ODS	Ozone Depleting Substances
ODYSSEE	European project with aim to monitoring energy efficiency trends in Europe
OECD	Organisation for Economic Cooperation and Development
OSCE	Organisation for Security and Co-operation in Europe
OSE	EEA Operational Services Programme
PEBLDS	Pan European Biological and Landscape Diversity Strategy
QA/QC	Quality Assurance/Quality Control
QS	Quick Scan
RBMPs	River Basin management Plans
RE	Resource Efficiency
REGIO	EC Directorate General for Regional Policy
RMR	Review, Monitoring & Research (sub-group of H2020)
RTD	EC Directorate General for Research and Innovation

SANCO	EC Directorate General for Health and Consumer Protection of the European Commission
SAON	
SCP	Sustaining Arctic Observing Networks
SDI	Sustainable consumption and production
SDGs	Spatial Data Infrastructure
SDS	Sustainable Development Goals
SEBI	Safety Data Sheets
SEIS	Streamlining European Biodiversity Indicators
SENSE Project	Shared Environmental Information System for Europe
SERIS	Sharing European and National state of the environment information
SOE	State of the Environment Reporting Information System
SOER	State of Environment
SOIA	EEA's 5-yearly State and Outlook Report (e.g. SOER2010 or SOER2015) Système d'Observation et d'Information sur les Alpes
TEEB	The Economics of Ecosystems and Biodiversity
TERM	Transport and environment reporting mechanism
TFEIP	Task Force on Emission Inventories and Projections
UN	United Nations
UNCSD	United Nations Commission on Sustainable Development
UNDESA	United Nations Department of Economic and Social Affairs
UNECE	United Nations Economic Commission for Europe
UNEP	United Nations Environment Programme
UNEP/DEWA	United Nations Environment Programme /Division of Early Warning and Assessment
UNEP GC	United Nations Environment Programme Governing Council
UNEP/MAP	United Nations Environment Programme /Mediterranean Action Plan
UNFCCC	United Nations Framework Convention on Climate Change
UNFCCC COP	United Nations Framework Convention on Climate Change Conference of the Parties
UN SEEA	Handbook of National Accounting: Integrated Environment and Economic Accounting" published by UN
UNSD	United Nations Statistics Division
URBAN AUDIT	Data Collection System which provides information and comparable measurements on the different aspects of the quality of urban life in European cities
US EPA	United States Environmental Protection Agency
VHRL	Very High Resolution Layers (GIO Land)
WAVES	Wealth Accounting and Valuation of Ecosystem Services
WB	World Bank
WBCSD	World Business Council for Sustainable Development
WEF	World Economic Forum
WG	Working Group
WISE	Water Information System for Europe
WFD	Water Framework Directive
WGEMA	UNECE Working Group on Environmental Monitoring and Assessment
WG-MAES	Working group on mapping and assessment of ecosystems and their services (DG ENV)
WS&D	Water Scarcity & Drought (Policy)
WHO	World Health Organisation