

# Annual Work Programme 2016

Adopted by the EEA Management Board 26 November 2015

## **EEA/Eionet in brief**

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

To achieve its aim, the EEA works closely with EU institutions, especially the European Commission, and in partnership with government departments and agencies, international conventions, UN bodies, the scientific community, the private sector and civil society.

Cooperation with government bodies and research institutions in the European Environment Information and Observation Network (Eionet), created together with the EEA itself in 1993 by the EEA/Eionet Regulation (EEC) No 1210/90, plays a key role in the Agency's work, representing two decades of investing in the creation and sharing of environmental information across Europe. Continued investment in Eionet, including the European Topic Centres, and with the EEA/Eionet cooperation model at its core, remains a central point for the work.

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### EEA MISSION AND GOALS

In line with its Multiannual Work Programme 2014-2018 (MAWP), the EEA, according to its mission, aims to support sustainable development and to help achieve significant and measurable improvements in Europe's environment, through the provision of relevant, reliable, timely, and targeted information to policy-making agents and the public.

The EEA operates in a complex multi-level and multi-actor governance setting at EU, national and global levels, and also works with research institutes and non-governmental organisations (NGOs). The specific role of the EEA is to support policy making at the EU level and to build capacity in countries, using Eionet as its unique partnership to generate two-way quality-assured environmental data and information.

The nature of environmental challenges has evolved over decades, requiring parallel adaptations to information flows and their assessment. Looking ahead at the challenges Europe is likely to face in coming decades, there is an increasing need to speed up the adaptation of environmental information flows and assessments to support transition objectives, while maintaining and improving the knowledge base supporting established and developing policies across the policy cycle.

Continuously emerging, new and updated scientific insights into environment and climate issues improve the knowledge base for environment and climate policies. Fulfilling its science-policy interface role, the EEA will work closely together with the Joint Research Centre, Eurostat and others in seeking to influence activities under – and exploit insights coming from – the EU Framework Research Programme (Horizon 2020), that will play a major role in developing such insights.

Based on this and the mandate set out in the EEA/Eionet Regulation, the key goals of the EEA in the 2014-2018 period of the MAWP are as follows:

#### Key goals

- To be the prime source of knowledge at European level informing the implementation of European and national environment and climate policies;
- To be a leading knowledge centre on the knowledge needed to support long-term transition challenges and objectives;
- To be the lead organisation at European level facilitating knowledge-sharing and capacity-building in the field of environment and climate change.

The Annual Work Programme 2016 (AWP 2016) will continue many lines of work from previous annual work programmes along with some new emphases. Across the four strategic areas structuring the MAWP 2014-2018, the highlights for 2016 are:

### ***Strategic area 1: Informing policy implementation***

- Follow-up UNFCCC COP21 outcomes, including EU proposals to implement the 2030 climate and energy objectives and vision to 2050;
- Assess climate change impacts and vulnerability in Europe and climate change and urban adaptation/mitigation;
- Initiate analysis of the 2<sup>nd</sup> round of River Basin Management Plans as reported by Member States under the Water Framework Directive (WFD) and 1<sup>st</sup> round of Flood Risk Management Plans under the Flood Directive (FD);
- Re-analyse 25 years' time series of European land cover/land use data focussing on critical environmental and territorial issues;
- Deliver first results for ecosystem capital accounts and upgrade mapping and assessments of ecosystems and their services.

### ***Strategic area 2: Assessing systemic challenges***

- Publish a first indicator report monitoring the implementation of the 7<sup>th</sup> EAP;
- Further develop the knowledge base for transitions, based on SOER 2015 outcomes and in line with 7<sup>th</sup> EAP objectives: planetary limits, governance of long-term systemic risks and prospects for green/circular economy transitions.

### ***Strategic area 3: Knowledge co-creation, sharing and use***

- Explore ways to enhance the structure of Eionet with elements concerning research collaboration, horizon-scanning and knowledge co-creation;
- Contribute to the UNEP GEO-6 process, and to regional processes in the pan-European, Mediterranean, Black Sea and Arctic regions;
- Coordinate the implementation of the European and local component of the Copernicus land monitoring services and *in situ* data access, together with further support for Inspire implementation;
- Establish regular activities of the EEAcademy and contribute to the further development of the Environmental Knowledge Community (EKC);
- Communicate around the above issues following the principles in the EEA communication framework.

### ***Strategic area 4: EEA management***

- Further improve EEA process and quality management systems along the MDIAK chain;
- Ensure appropriate management structures and resources to enable proper implementation of the Copernicus Delegation Agreement.

In order to assure the relevance and quality of the data, information and analyses provided by the EEA, the annual work programme will be undertaken with Eionet partners (National Focal Points, National Reference Centres and European Topic Centres), cooperating countries, a wide range of partner institutions, including the European Commission's Directorate Generals, government departments and agencies, international conventions, UN bodies, the scientific, technical and research communities, the private sector and civil society

## 2016 BUDGET OUTLINE

No	Strategic action / Project group	Direct funds	European Topic Centres (ETCs)	Technical developments, IT infrastructure, data management, communication, meetings (incl. MB/SC), missions and publications	Total funds	Full Time Equivalents (FTEs)
1	Informing policy implementation					
1.1	Air pollution, transport and noise	0.1	1.0	0.5	1.6	10
1.2	Industrial pollution		0.3	0.2	0.5	6
1.3	Climate change mitigation and energy	0.1	1.0	0.3	1.5	10
1.4	Climate change impacts, vulnerability and adaptation		0.6	0.2	0.8	8
1.5	Water management, resources and ecosystems		0.8	0.4	1.2	7
1.6	Marine and coastal environment and maritime activities		0.8	0.2	1.0	7
1.7	Biodiversity and ecosystems, agriculture and forests	0.1	1.5	0.3	2.0	8
1.8	Urban, land use and soil	0.2	0.9	0.2	1.3	10
1.9	Waste and material resources		0.4	0.1	0.5	6
	<b>Subtotal 1</b>	<b>0.5</b>	<b>7.4</b>	<b>2.4</b>	<b>10.4</b>	<b>72</b>
2	Assessing systemic challenges					
2.1	Resource-efficient economy and the environment		0.4	0.1	0.5	5
2.2	Environment, human health and well-being		0.1	0.1	0.3	3
2.3	Megatrends and transitions	0.2		0.1	0.3	6
2.4	Sustainability assessments and state of the environment reporting	0.1		0.1	0.2	7
	<b>Subtotal 2</b>	<b>0.3</b>	<b>0.5</b>	<b>0.5</b>	<b>1.3</b>	<b>21</b>
3	Knowledge co-creation, sharing and use					
3.1	Networking and partnerships			0.2	0.2	10
3.2	Technical systems development			0.9	0.9	7
3.3	Monitoring, data and information management			0.5	0.5	12
3.4	Communication, outreach and user analysis			0.4	0.4	7
3.5	Quality management and operational services	0.0		0.7	0.7	7
3.6	Copernicus operational services			0.0	0.0	6
3.7	Capacity building in West Balkan and European Neighbourhood countries			0.0	0.0	6
	Subtotal 3	0.0		2.7	2.7	55
4	EEA management					
4.1	Governance and management			0.2	0.2	37
4.2	Administration			0.1	0.1	20
	<b>Subtotal 4</b>			<b>0.4</b>	<b>0.4</b>	<b>57</b>
	<b>Total</b>	<b>0.8</b>	<b>8.0</b>	<b>6.0</b>	<b>14.8</b>	<b>205</b>

This table includes funds allocated to operational activities, missions and meetings only (million EUR). A blank cell indicates zero, while 0.0 indicates a figure less than 0.5. The total FTE count (205) takes into account vacancies and part-time work, and is therefore lower than the total number of posts/positions.

## KEY OUTPUTS – PRODUCTION PLAN

	Project group	Reports and assessments	Indicators	Information systems	Contributions and joint products	Data and maps	Workshops and meetings	Communication products	Corporate products
1.1	Air pollution, transport and noise	x	x		x	x	x		
1.2	Industrial pollution	x	x	x	x	x	x		
1.3	Climate change mitigation and energy	x		x	x	x	x		
1.4	Climate change impacts, vulnerability and adaptation	x		x	x		x		
1.5	Water management, resources and ecosystems	x	x	x	x	x	x		
1.6	Marine and coastal environment and maritime activities	x		x	x	x	x		
1.7	Biodiversity, ecosystems, agriculture and forests	x	x	x	x	x	x		
1.8	Urban, land use and soil	x	x		x		x		
1.9	Waste and material resources	x	x		x		x		
2.1	Resource-efficient economy and the environment	x		x			x		
2.2	Environment, human health and well-being				x	x	x		
2.3	Megatrends and transitions	x		x			x		
2.4	Sustainability assessments and state of the environment reporting	x			x		x		
3.1	Networking and partnerships	x			x	x	x		
3.2	Technical systems development			x			x		
3.3	Monitoring, data and information management	x	x			x			
3.4	Communication, outreach and user analysis			x			x	x	x
3.5	Quality management and operational services			x					x
3.6	Copernicus operational services	x		x		x			
3.7	Capacity building in West Balkan and European Neighbourhood countries				x		x		
4.1	Governance and management								x
4.2	Administration								x

### SA1 INFORMING POLICY IMPLEMENTATION

#### **MAWP 2014-2018 goals and objectives**

##### **Goal**

Improve content, accessibility and use of European-level environmental information by providing policy-relevant feedback to long-established and emerging policy frameworks, objectives, and targets through reporting on progress in recognised environmental themes across the DPSIR assessment chain.

##### **Key objectives**

- Tailor, harmonise and speed up data flows (including near-real time where appropriate), and their integration in information systems for the production of indicators and assessments in order to be relevant and up to date by, in particular, providing targeted technical and methodological assistance to reporting obligations and information requirements under the legislative processes and related SIIFs;
- Timely provision, analysis and dissemination of data sets, indicators and assessments across the policy cycle for the themes and sectors of most relevance for achieving environmental policy implementation and effectiveness analysis at different geographical scales;
- Close important information gaps by further developing concepts, analytical methods, and indicators to better understand the inter-linkages between different themes and sectors in support of enhanced policy coherence;
- Mainstream new data and information needs through incorporating the outcomes of EU's Seventh Framework Programme for research, technological development and demonstration activities (FP7) and Horizon 2020 research programmes, as well as of similar ventures at national and international level;
- Continuous active engagement with stakeholders as a policy-science interface across themes and sectors to ensure relevant findings are taken up and used, thereby contributing to the achievement of significant and measurable improvement in Europe's environment.

##### **Key performance indicators**

- Measurable uptake of EEA findings in policy documents;
- Measurable and acknowledged contribution to reporting processes under EU comitology and multi-lateral agreements;
- Timely and reliable delivery of annual briefings and workshops, as well as assessments, indicators, databases, and information services, based on a timetable agreed with EEA stakeholders.



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## SA1.1 AIR POLLUTION, TRANSPORT AND NOISE

### **Multiannual objective**

To support and inform policy development and implementation in the areas of air pollution, transport and environment, and noise by means of data, information/indicators and assessments.

### **Multiannual performance indicators**

- Data reported by EEA member countries collected, processed, quality-assured, stored, and disseminated according to agreed deadlines in a timely manner;
- EEA member countries assisted effectively in their reporting, and capacity-building support provided as needed;
- EEA member countries and the European Commission supported in a timely manner with relevant analysis and compilations of reported information and with direct policy support;
- EEA information systems adapted and improved to accommodate changes in reporting and user needs;
- Sound, timely, and policy-relevant indicators and assessments, including policy effectiveness assessments of air pollution, transport and environment and noise, interactions between various environmental areas and policies, and impacts on health, on the environment, climate change and on the economy.

### **Highlights for 2016**

- Further developing EEA information systems to support countries with the reporting of data, particularly under the new or amended reporting regimes for the Fuel Quality Directive (fuel monitoring and upstream emissions), air quality data (AQ e-reporting), and air emissions data under the National Emission Ceilings (NEC) Directive and the UNECE Convention on Long-range Transboundary Air Pollution (LRTAP), and CO<sub>2</sub> emissions from new cars, vans and heavy-duty vehicles;
- Producing targeted reports assessing the state of Europe's air and noise pollution and associated impacts on human health and the environment, and the integration of environmental considerations into transport policies. Health impact assessment activities will be closely linked to on-going WHO initiatives updating guidance on air pollution and noise impacts on health;
- Continuing support to EEA member countries and the European Union institutions by producing data sets, fact sheets and indicators, tracking progress towards the achievement of relevant EU and international targets, including the long-term objectives of minimising impacts from air pollution, the decarbonisation of the transport sector, transitions to sustainable mobility, etc.

### **Main ETC Partner**

ETC/ACM

## Expected outputs

Description	Type	Key partners	Justification/legal reference
Annual reports: reporting status under NEC Directive; EU emissions inventory report under LRTAP Convention	Reports and assessments	Eionet NRCs Mitigation of air pollution and climate change, DG ENV, MS	National Emission Ceilings Directive (2001/81/EC); LRTAP Convention and its protocols
Air Quality in Europe 2016 report	Reports and assessments	Eionet NRCs Air Quality, and Mitigation of air pollution and climate change, DG ENV, WHO	Ambient Air Quality Directive (2008/50/EC); Fourth Air Quality Daughter Directive 2004/107/EC, National Emission Ceilings Directive (2001/81/EC)
Annual Transport and Environment Reporting Mechanism report (TERM)	Reports and assessments	EP, DG CLIMA, DG MOVE, DG ENV, Eionet NRCs Environment and Transport	Transport White Paper (COM/2011/0044); other relevant Regulations and Directives
Annual reports: Monitoring CO <sub>2</sub> emissions from passenger cars and vans; Fuel Quality Directive reporting	Reports and assessments	DG CLIMA, DG MOVE, MS	Regulations on CO <sub>2</sub> from passenger cars ( No 443/2009) and vans (no 510/2011); Fuel Quality Directive (2009/30/EC)
Technical studies supporting air pollution, transport and noise assessment reports	Contributions and joint products	DG ENV, DG JRC	Ambient Air Quality Directive (2008/50/EC); Fourth Air Quality Daughter Directive 2004/107/EC, Environmental Noise Directive (2002/49/EC)
Updated country fact sheets on air pollution and noise	Reports and assessments	Eionet, DG ENV	EC Air quality package, Ambient Air Quality Directive (2008/50/EC), National Emission Ceilings Directive (2001/81/EC), Environmental Noise Directive (2002/49/EC)

Annual overview of summer ozone exceedances in Europe – 2016	Reports and assessments	Eionet, DG ENV	Ambient Air Quality Directive (2008/50/EC)
Updated indicators at European level on air pollutant emissions, air quality, noise, transport and environment	Indicators	Eionet, DG ENV, DG CLIMA, DG MOVE, DG ESTAT, DG JRC, DG AGRI LRTAP Convention CCE, WHO	EEA, Europe 2020 Semester; resource efficiency scoreboard; EU SDS
Updated compilations of air quality data sets, including for cities	Data and maps	Eionet NRCs Air quality, MS DG ENV, DG JRC, DG ESTAT, DG REGIO	Ambient Air Quality Directive (2008/50/EC), Air Quality Implementing Decision (2011/850/EU)
Updated compilations of air pollutant emission data	Data and maps	Eionet NRCs Mitigation of air pollution and Climate change, MS, DG ENV, DG JRC, EMEP, CEIP	National Emission Ceilings Directive (2001/81/EC), LRTAP Convention and its Protocols
Updated compilations of data of CO <sub>2</sub> and NO <sub>x</sub> emissions from new cars and vans	Data and maps	MS, DG CLIMA, DG ENV, DG JRC	Regulations on the monitoring of CO <sub>2</sub> emissions from new passenger cars and light-duty vehicles (443/2009, 510/2011), Ambient Air Quality Directive (2008/50/EC), National Emission Ceilings Directive (2001/81/EC)
Updated compilations of noise data	Data and maps	Eionet NRCs Noise, MS DG ENV	Environmental Noise Directive (2002/49/EC)
Updated air quality maps for EEA member countries	Data and maps	Eionet NRCs Air quality, DG ENV, EMEP	Ambient Air Quality Directive (2008/50/EC); Fourth Air Quality Daughter Directive 2004/107/EC

Annual Eionet workshops on air pollutant emissions, on air quality, on transport and environment, and on noise	Workshops and meetings	Eionet NRCs on: Mitigation of air pollution and climate change, Air quality, Environment and Transport, Noise	EEA/ Eionet Regulation
Provision of policy support	Contributions and joint products	DG ENV, DG CLIMA, LRTAP Convention	Air Quality Directives and implementing provisions, National Emission Ceilings Directive, LRTAP Convention and its protocols, Environmental Noise Directive, Regulations for monitoring of CO <sub>2</sub> from new passenger cars and light-duty vehicles etc.
Cooperation with Copernicus Atmosphere Monitoring Service (CAMS), including participation in expert meetings	Contributions and joint products	CAMS/ECMWF (European Centre for Medium-Range Weather Forecasts)	Copernicus Regulation

## SA1.2 INDUSTRIAL POLLUTION

### Multiannual objective

To support and inform policy development and implementation in the area of emissions from industrial sources by means of data, information/indicators and assessments.

### Multiannual performance indicators

- Data reported by EEA member countries (and/or economic operators) collected, processed, quality-assured, stored, and disseminated according to agreed deadlines in a timely manner;
- EEA member countries and industry assisted effectively in their data reporting towards the European Commission, international bodies, and the EEA; reporting consolidated and streamlined where possible; support for capacity building provided as needed;
- EEA information systems adapted and improved to accommodate changes in reporting and user needs;

- EEA member countries and the European Commission supported in a timely manner with relevant analysis and compilations of reported information and with direct policy support;
- Sound, timely, and policy-relevant indicators and assessments, including policy-effectiveness assessments of industrial pollution and impacts on the environment, health and economy and of co-benefits of policy measures undertaken in these areas.

### Highlights for 2016

- Further improvement of EEA information systems and data flow management processes to support countries and companies with the reporting and quality improvement of data, particularly under the revised reporting regimes for the F-Gas Regulation and the Large Combustion Plant (LCP) Directive;
- Continued support to countries and the European Commission by providing data sets, fact sheets and internal EU reports for the confidential data on Ozone Depleting Substances (ODS) and Fluorinated gases (F-gases);
- Further developing the indicator framework for industrial pollution with the purpose of tracking progress towards the achievement of objectives as defined in relevant EU and international legislation;
- Targeted publication of data and reports on pressures on the environment from industrial pollution with a focus on the information reported under the European Pollutant Release and Transfer Register (E-PRTR) Regulation, the LCP Directive, the ODS Regulation, and F-Gas Regulation;
- Further development of assessment in the field of industrial pollution through draft effectiveness evaluation of the LCP Directive and the LCP provisions under the IED, as well as the initiation of a report on environmental pressures from industry on for example air and water;
- Continued support to the streamlining initiative in the field of industrial pollution with a focus on the streamlining of reporting processes between the Industrial Emissions Directive (IED) and the E-PRTR Regulation and including the support to the set-up of the IED reporting framework and the integration of LCP and E-PRTR data reporting.

### Main ETC Partner

ETC/ACM

### Expected outputs

Description	Type	Key partners	Justification/legal reference
Annual internal EU reports (confidential) on ODS and F-Gases, EU submission on ODS to the Montreal Protocol	Reports and assessments	DG CLIMA, single contact points in Member States (MS), companies	F-Gas Regulation (517/2014/EC), ODS Regulation (1005/2009/EC), Montreal Protocol

Annual technical reports on the trade and production of ODS and F-gases	Reports and assessments	DG CLIMA, single contact points in MS, companies	F-Gas Regulation (517/2014/EC), ODS Regulation (1005/2009/EC), Montreal Protocol
Annual technical report on the application of the EU ETS in Member States	Reports and assessments	DG CLIMA, MS	EU ETS Directive (2003/87/EC)
Updated indicators at European level on ODS and F-gases, revision of indicator on F-gases and further development of the industrial pollution indicator framework	Indicators	DG ENV, DG CLIMA, Montreal Protocol	F-Gas Regulation (517/2014/EC), ODS Regulation (1005/2009/EC), Montreal Protocol, Industrial Emissions Directive (2010/75/EU), Large Combustion Plant Directive (2001/80/EC), E-PRTR Regulation (166/2006/EC), industrial emissions policy area
Country fact sheets on environmental pressures from industry	Reports and assessments	Eionet NRCs on Industrial Pollution and relevant thematic NRCs, DG ENV, DG CLIMA, MS	Industrial Emissions Directive (2010/75/EU), Large Combustion Plant Directive (2001/80/EC), E-PRTR Regulation (166/2006/EC), industrial emissions and relevant thematic areas (such as air pollution, water, waste, policy energy)
Updated compilation and publication of E-PRTR data sets (including publication on E-PRTR website hosted by EEA)	Data and maps Information systems	Eionet NRCs Industrial Pollution, DG ENV, MS, E-PRTR Committee members, UNECE PRTR Secretariat, OECD PRTR Task force	E-PRTR Regulation (166/2006/EC)
Updated compilation and publication of LCP data	Data and maps	Eionet NRCs Industrial Pollution, DG ENV, MS	LCP Directive (2001/80/EC)

Updated linkage between E-PRTR and LCP datasets	Data and maps	Eionet NRCs Industrial Pollution, DG ENV, Eionet, MS	E-PRTR Regulation (166/2006/EC), LCP Directive (2001/80/EC)
Updated (confidential) compilation ODS and F-Gases provided	Data and maps	DG CLIMA, single contact points in Member States (MS), companies	F-Gas Regulation (517/2014/EC), ODS Regulation (1005/2009/EC)
Support to development of IED reporting framework and integrated E-PRTR & LCP reporting framework, and to the update of the E-PRTR website	Contributions and joint products	Eionet NRCs Industrial Pollution, DG ENV, Eionet, MS reporters	Industrial Emissions Directive (2010/75/EU), E-PRTR Regulation (166/2006/EC)
Annual Eionet workshop on industrial pollution	Workshops and meetings	Eionet NRCs Industrial Pollution	EEA/Eionet Regulation
Provision of policy support	Contributions and joint products	DG ENV, DG CLIMA, UNECE PRTR Protocol, UN Montreal Protocol, OECD	F-Gas Regulation (517/2014/EC), ODS Regulation (1005/2009/EC), EU ETS Directive (2003/87/EC), LCP Directive (2001/80/EC), Industrial Emissions Directive (2010/75/EU), PRTR Protocol, Montreal Protocol, E-PRTR Regulation (166/2006/EC)
Streamlining of industrial emissions data collection processes under IED	Contributions and joint products	Eionet NRCs Industrial Pollution, DG ENV, DG CLIMA, IEEG members, E-PRTR expert group	Industrial Emissions Directive (2010/75/EU), E-PRTR Regulation (166/2006/EC), EU ETS EU ETS Directive (2003/87/EC), UNECE PRTR Protocol, LRTAP Convention, National Emission Ceilings Directive (2001/81/EC)

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## SA1.3 CLIMATE CHANGE MITIGATION AND ENERGY

### **Multiannual objective**

To support and inform policy developments and implementation in the areas of climate change mitigation and energy by means of data, information/indicators and assessments.

### **Multiannual performance indicators**

- Data reported by EEA member countries collected, processed, quality-assured, stored and disseminated according to agreed deadlines in a timely manner;
- EEA member countries assisted effectively in their reporting, and capacity-building support provided as needed;
- EEA member countries and the European Commission supported in a timely manner with relevant analysis, compilations of reported information, and direct policy support;
- EEA information systems adapted and improved to accommodate changes in reporting and user needs;
- Sound, timely, and policy-relevant indicators and assessments, including policy effectiveness assessments, on past and future effects and/or combined sets of policies and measures in the fields of climate change mitigation and energy.

### **Highlights for 2016**

- Continued support of the Monitoring Mechanism Regulation which will form the basis for implementation and assessments of key parts of the existing 2020 climate and energy policy framework; Evaluation of the first year of reporting and defining improvements in reporting and dissemination tools;
- The preparation of the annual EU GHG inventory; the proxy-inventory; the annual review of the inventory under the Convention and the Protocol, the review of the initial report for the 2<sup>nd</sup> commitment period of the Kyoto Protocol (CP2) and the Biannual Report;
- Implementing the comprehensive review of Member States' GHG-emission inventories under the Effort Sharing Decision and supporting the evaluation of the ESD;
- Further developing and contributing to policy evaluation of EU climate and energy policies, including ex-post evaluation;
- Further developing analysis on potential long-term transitions by evaluating low-carbon development strategies;
- Supporting the EU 2030 policy framework discussions and follow up activities defining updated reporting requirements after COP21;
- Supporting the further development of the European Energy Union, its governance and reporting requirements.

### **Main ETC Partner**



**Expected Outputs**

<b>Description</b>	<b>Type</b>	<b>Key partners</b>	<b>Justification/legal reference</b>
Assistance to the European Commission in relation to Articles 6-9, 12-19, 21, 22 and 24 of the EU GHG Monitoring Mechanism Regulation (525/2013/EC)	Reports and assessments Data and maps Information systems	DG CLIMA, MS	EU GHG Monitoring Mechanism Regulation (525/2013/EC) and Implementing/Delegated Acts
Implementation of the comprehensive review of Member States' GHG emission inventories under the Effort Sharing Decision	Contributions and joint products	DG CLIMA, MS	EU GHG Monitoring Mechanism Regulation (525/2013/EC) and Implementing/Delegated Acts
Technical report: EU GHG inventory 1990-2014 (Official EU submission to UNFCCC); assessment of reasons behind past GHG emission trends; support to Member States, GHG inventory reporting	Reports and assessments	UNFCCC, DG CLIMA, DG ESTAT, DG JRC, MS	UNFCCC, Kyoto Protocol, EU GHG Monitoring Mechanism Regulation (525/2013/EC) and Implementing/Delegated Acts
Provision of policy support to the EU in the context of UNFCCC and COP21, including support to the annual review of the EU inventory under the Convention and the Protocol, the review of the initial report for CP2 and the Biannual Report	Contributions and joint products	UNFCCC, DG CLIMA, MS	UNFCCC, IPCC, EU GHG Monitoring Mechanism Regulation, EU ETS Directive, 2030 proposal, 2050 roadmap
Technical report: Approximated EU GHG inventory for the year 2015	Reports and assessments	UNFCCC, DG CLIMA, DG ESTAT, DG JRC, MS	UNFCCC, Kyoto Protocol, EU GHG Monitoring Mechanism Regulation (525/2013/EC) and Implementing/Delegated Acts

Updated EEA Climate Change Data Centre with relevant EU greenhouse gas and energy data sets, including policies and measures (PAMS) and projections and EU ETS information; country profiles	Data and maps	DG CLIMA, DG ESTAT, DG JRC, MS	EU GHG Monitoring Mechanism Regulation (525/2013/EC) and Implementing/Delegated Acts
Annual Eionet workshop on climate change mitigation and energy	Workshops and meetings	Eionet, DG CLIMA, DG ENER, DG ESTAT	EEA/Eionet Regulation
Updated indicators at European level on climate change mitigation and energy including possible improvements to the current set of energy indicators taking into account new data sets and/or new perspectives	Indicators	Eionet, DG ESTAT	EEA/Eionet Regulation
EEA report: Progress towards meeting GHG emissions, energy efficiency and renewable energy targets in Europe (Annual 'Trends and Progress' report)	Reports and assessments	Eionet, DG CLIMA, DG ENER, DG RTD, DG JRC, Eionet, IEA	UNFCCC, 2030/50 roadmaps, EU GHG Monitoring Mechanism Regulation (525/2013/EC) and Implementing/Delegated Acts, EU ETS Directive
Technical report: From vision to defining strategies and climate and energy policy: Evaluation of low-carbon development strategies of EEA member countries and role of currently implemented policies and measures	Reports and assessments	Eionet, DG CLIMA, DG ENER	EU GHG Monitoring Mechanism Regulation (525/2013/EC), 20150 roadmaps, UNFCCC
Support to the European Energy Union Report	Contributions and joint products	DG CLIMA, DG ENER, DG MOVE	EU Energy Union
Technical report: Using an energy efficiency index to evaluate energy efficiency policies across countries and sectors and their impact on meeting energy efficiency targets	Reports and assessments	DG CLIMA, DG ENER, Eionet, IEA	2020 and 2030 Climate and Energy targets.

Technical report: progress in renewable energy including a section on methods to estimate avoided air pollutant emissions due to the deployment of RES (SO <sub>x</sub> , NO <sub>x</sub> , PM)	Reports and assessments	Eionet, DG CLIMA, DG ENER	2020 and 2030 Climate and energy targets, Energy Union.
Technical report on energy support measures and their impact on innovation in renewable energy	Reports and assessments	DG CLIMA, DG ENER, DG COMP, Eionet	2020 and 2030 Climate and energy targets, the Roadmap for moving to a competitive low-carbon economy in 2050, Energy Roadmap 2050, Europe Growth Strategy 2020.

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#### SA1.4 CLIMATE CHANGE IMPACTS, VULNERABILITY AND ADAPTATION

##### **Multiannual objective**

To support and inform policy development and implementation in the area of climate change impacts, vulnerability, and adaptation by means of data, information/indicators and assessments.

##### **Multiannual performance indicators**

- EEA member countries supported in an effective and timely manner in their development and implementation of national adaptation strategies;
- EEA member countries assisted effectively in their reporting to the EU, and capacity-building support provided as needed;
- EEA member countries and the European Commission supported in a timely manner with relevant analysis, compilations of reported information, and direct policy support;
- EEA information systems (Climate-ADAPT) adapted and improved to accommodate changes in reporting and user needs, increased user uptake;
- Sound, timely, and policy-relevant indicators and assessments, including assessments of policy preparedness/effectiveness and/or combined sets of policies and measures, in the fields of climate change impacts, vulnerability, and adaptation.

## Highlights for 2016

- Publication of the EEA assessment report on ‘Climate change impacts and vulnerability in Europe’ (and with related and consistent indicators published on the web);
- Publication of the EEA assessment report on ‘Cities coping with climate change’;
- Updated and improved Climate-ADAPT platform (e.g. regular content updating, improved content on cities; various improved functionalities, migration to EEA content management system)
- Support to the EKC process: inputs to Knowledge Innovations projects (KIPs) when the time schedule is clarified.

## Main ETC Partner

ETC/CCA

## Expected outputs

Description	Type	Key partners	Justification/legal reference
Publication of the EEA assessment report on ‘Climate change impacts and vulnerability in Europe’ and related indicators (in close connection to and consistent with the report)	Reports and assessments	DG CLIMA, DG ENV, DG JRC, DG RTD, WHO, ECDC, ECMWF, Eionet/NRCs for climate change impacts, vulnerability and adaptation	EU Adaptation strategy (Commission communication)  7 <sup>th</sup> EAP
Publication of the EEA assessment report on ‘Cities coping with climate change’	Reports and assessments	DG CLIMA, DG ENV, DG RTD, DG ECHO, DG REGIO, ICLEI, ISDR, WHO, Eionet/ NRCs for climate change impacts, vulnerability and adaptation	EU Adaptation strategy (Commission communication)  EU Urban Agenda  7 <sup>th</sup> EAP
Updated and improved European Climate Change Adaptation Platform Climate-ADAPT (e.g. regular content updating and review, improved content on	Information systems	DG CLIMA, DG ENV, DG JRC, DG RTD, DG ECHO, DG REGIO, WHO, ECDC, ISDR, Regional conventions,	EU Adaptation strategy (Commission communication)  7 <sup>th</sup> EAP, Europe 2020 Strategy

cities; various improved functionalities, migration to EEA content management system)		EPA Network, Mayors Adapt, Eionet/ NRCs for climate change impacts, vulnerability and adaptation	European Commission / EEA Work plan on Climate-ADAPT
Developing an assessment report on disaster risk reduction and links to climate change adaptation (to be published in 2017)	Reports and assessments	DG CLIMA, DG ENV, DG ECHO, DG JRC, DG RTD, ISDR, Eionet/ NRCs for climate change impacts, vulnerability and adaptation	EU Adaptation strategy (Commission communication)  EU civil protection and disaster risk reduction policies (including the Civil Protection Mechanism)
Follow-up work on monitoring, reporting and evaluation of national adaptation policies (after technical report due in 2015)	Contributions and joint products	DG CLIMA, Eionet/ NRCs for climate change impacts, vulnerability and adaptation	EU Adaptation strategy (Commission communication)
Eionet workshop on climate change impacts, vulnerability and adaptation (and expert meetings)	Workshops and meetings	DG CLIMA, Eionet/ NRCs for climate change impacts, vulnerability and adaptation	EEA/Eionet Regulation
Contribution to the Commission (DG CLIMA) Mayors Adapt initiative and the annual ICLEI conference on urban adaptation  Contributions to other conferences and meetings  Collaboration with ECMWF, including participation in expert meetings	Workshops and meetings	DG CLIMA, Mayors Adapt, ICLEI UNFCCC, IPCC, ISDR, WHO, UNEP-PROVIA, EPA network Copernicus climate change service	EU Adaptation strategy (Commission communication)   Copernicus regulation

## SA1.5 WATER MANAGEMENT, RESOURCES AND ECOSYSTEMS

### **Multiannual objective**

To support and inform policy development and implementation in the area of water management, resources and ecosystems by means of data, information/indicators and assessments.

## Multiannual performance indicators

- Data reported by EU Member States and EEA member countries collected, processed, quality-assured, stored, and disseminated according to the agreed deadlines in a timely and reliable manner; additional data-reporting flows (UWWTD, Drinking Water Directive) established in line with the SIIF developments and additional data flows (e.g. Nitrates Directive) evaluated and established if possible;
- EEA member countries assisted effectively in their reporting, and capacity-building support provided as needed;
- EEA member countries and the European Commission supported in a timely manner with relevant analysis and compilations of reported information and with direct policy support;
- EEA information systems adapted and improved to accommodate changes in reporting and user needs: full operation of WISE 2.0 achieved, linking with BISE and Climate-ADAPT, on the basis of the WISE Implementation plan 2013–2015, with all relevant upgrades and in full agreement with EU partners in WISE (DG ENV, DG ESTAT, DG JRC);
- Sound, timely, and policy-relevant methodologies, indicators, and assessments, including policy-effectiveness analysis, in particular of Water Framework Directive (WFD) Second River Basin Management Plans and other water-related policies, applying environmental accounting methodologies and ecosystem (services) approaches.

## Highlights for 2016

- Preparatory work for 2017/18 EEA state of water reports, aiming at an integrated assessment of freshwater ecosystems natural capital, including: support to the EEA ecosystem assessments; contributions to EU coordinated implementation of biodiversity, water and marine policies; nature-based solutions such as sustainable flood risk management, green infrastructure and natural water retention measures; water resources issues, in particular water economics and climate change impacts and vulnerability (contribution to EEA 2016 report);
- Process and analyse WFD countries' results for the 2017-18 EEA State of Water reports (Member States will deliver by March 2016 the 2<sup>nd</sup> reporting round of RBMPs in line with the requirements of the WFD) on status, pressures and measures, together with results from other water policies (Directives on Floods, Urban Waste water Treatment, Bathing / Drinking water);
- Conduct analysis of 'pressures', which will include assessments of emissions from different diffuse and point sources, using the information on UWWTD, E-PRTR, and other emissions data. Activities for an integrated assessment of eutrophication as a pilot study for land/soil, inland water and marine waters will be continued. In cooperation with DG JRC part of the pressure analysis will relate to resource efficiency, quantitative status and water resources as well as to chemicals;
- Special communication on the 40 year anniversary of the Bathing Water Directive;
- Closing the first phase of the restructuring and upgrading of WISE 2.0, in line with the start of the reporting under the WFD (deadline 22 March 2016) and processing of the revised WISE SoE data. Start the second phase of WISE 2.0 which includes other water data flows from the industry directives as per new reporting deadlines in 2016 and 2017;
- Support the EKC process: inputs to Knowledge Innovation projects.

## Main ETC Partner

ETC/ICM

**Expected outputs**

<b>Description</b>	<b>Type</b>	<b>Key partners</b>	<b>Justification/legal reference</b>
Based on the 2015's integrated assessment framework start to analyse the data reported by March 2016 under WFD 2nd RBMPs, with cross walks to assessments under Flood Directive (EEA 2015 analysis), BD2020 and MFSD.	Contributions and joint products	DG ENV, DG ESTAT, DG JRC, MS, Eionet	WFD, EU Blueprint for Water (the 'Blueprint')
Regular update on the Industry Directives report, covering: Bathing Water; Urban Waste Water Treatment; Drinking Water.	Reports and assessments	DG ENV	Bathing Water Directive Urban Waste Water Treatment Directive Drinking Water Directive
Preparing a working document on emissions to water based on information from WFD, WISE SoE, E-PRTR, UWWTD and other data flows depicting diffuse and point sources from nutrients and as far as possible chemicals	Contributions and joint products	DG ENV, DG JRC, DG ESTAT, MS, Eionet	WFD, E-PRTR
Providing regular European results for water balances as input for water accounts, environmental accounts and indicators on resource efficiency	Reports and assessments; Indicators; Data and maps	DG ENV, DG ESTAT, DG JRC, MS, Eionet	WFD, Blueprint, 7 <sup>th</sup> EAP
A report on water management aspects in large European cities.	Reports and assessments	DG ENV, Eionet	Blueprint for Water

The report will be based on case studies from large cities.			
European assessment of eutrophication abatement measures, based on the 2015 EEA pilot study	Reports and assessments	DG ENV	WFD, Blueprint, 7 <sup>th</sup> EAP
Deliver contribution to integrated European assessment on eutrophication across land-based sources (incl. point and diffuse pollution) for inland and coastal waters (link to MAES ecosystem assessment)	Reports and assessments  Data and maps	DG ENV DG ESTAT, DG JRC, MS, Eionet	WFD, Blueprint, 7 <sup>th</sup> EAP
Updated core set of indicators on water with the revised WISE SoE data flows and directive data flows as needed.	Indicators	Eionet, DG ESTAT	WFD, Blueprint
Further develop the infrastructure for shared access and efficient dissemination of data and assessment via WISE and the Water Data Centre in line with SEIS and INSPIRE, taking into account the SIIF concept.	Information systems	DG ENV, MS, Eionet	WFD, Blueprint, Inspire Directive
Chairing WISE technical group; co-chairing WFD-FD CIS groups where appropriate (e.g. reporting or water accounts), support to DG ENV in all other relevant WFD & FD CIS activities.	Contributions and joint products	DG ENV, MS, Eionet	EEA/Eionet Regulation, WFD, FD, Blueprint



Eionet Freshwater Workshop to prepare the new data call for WISE SoE data after the 2015 review and to start discussions on the upcoming water assessment 2017/18.	Workshops and meetings	DG ENV, MS, Eionet	MAWP 2014-2018
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## SA1.6 MARINE AND COASTAL ENVIRONMENT AND MARITIME ACTIVITIES

### **Multiannual objective**

To support and inform policy development and implementation in the area of marine and coastal environment and maritime activities by means of data, information/indicators and assessments.

### **Multiannual performance indicators**

- Data reported by EEA member countries collected, processed, quality assured, and disseminated according to the agreed deadlines in a timely and reliable manner;
- EEA member countries assisted effectively in their reporting, and capacity-building support provided as needed;
- EEA member countries and the European Commission supported in a timely manner with relevant analysis and compilations of reported information, and with direct policy support;
- EEA information systems adapted and improved to accommodate changes in reporting and user needs: the marine component of WISE established;
- Sound, timely and policy-relevant indicators and assessments, including policy-effectiveness analysis, building on agreed frameworks related to integrated marine/maritime assessments including socio-economic perspectives and the ecosystem (services) approach.

### **Highlights for 2016**

Support the Common Implementation Strategy of the Marine Strategy Framework Directive (MSFD) and its integration with the Integrated Maritime Policy, the Common Fisheries Policy, the 2020 Biodiversity Strategy, and the 7<sup>th</sup> EAP through the following dedicated activities:

- Implementation of WISE-Marine, in partnership with DG ENV, MARE and JRC: design data and information flows needed for MFSD-HOPE (Healthy Oceans & Productive Ecosystems) and regional indicators, following agreements with Regional Sea Conventions and the Eionet marine NRC network. The scope is to maintain indicators that support the 11 descriptors of Good Environmental Status, as well as socio-economic perspectives of maritime activities in context of MSP;
- Foster collaboration with Regional Sea Conventions to prepare coordinated work for the European Marine Assessment 2019 for MFSD, based on: i) Revision and update of relevant EEA marine CSI and MAR indicators and align them with the policy implementation and the MSFD-HOPE indicator process; ii) Development of data requirements, standards and flow mechanisms with regard to MSFD Article 19.3 (link to Inspire, EMODnet and Copernicus where appropriate); ii) Develop and use common tools and methods;
- Proposal for a common European analytical framework for marine ecosystem (services) assessment, building *inter alia* on ecosystem condition information from implementing EU environmental legislation, including progress towards marine ecosystem capital accounting;
- Publication of 2014 WISE SoE transitional waters dataset in line with outcome of EEA business process analysis;
- Deliver EEA assessment on fisheries and aquaculture, supporting long-term transitions to sustainable fisheries and aquaculture;
- Further development of Marine Litter Watch with a status report.

Activities are carried out in collaboration with the Marine, coastal and maritime Eionet NRCs; DG ENV; DG MARE; the Regional Sea Conventions (RSC); the International Council for the Exploration of the Sea (ICES); and the JRC's Marine Competence Centre, and with the technical group TG Data (a group under the Common Implementation Strategy of the Marine Strategy).

### Main ETC Partner

ETC/ICM

### Expected outputs

Description	Type	Key partners	Justification/legal reference
WISE-Marine and HOPE indicators development	Information systems	DG ENV, Regional Sea Conventions, DG JRC, DG-MARE ICES, Eionet	Marine Strategy Framework Directive, Maritime Spatial Planning Directive, Nature Directives
Update of WISE SoE transitional coastal and marine waters data set	Data and maps	Eionet	Water Framework Directive

Marine LitterWatch implementation and outcomes	Reports and assessments	DG ENV, DG MARE	Marine Strategy Framework Directive, 7 <sup>th</sup> EAP
Support to MSFD policy process and implementation of MSFD art 19.3 through organising workshops and working papers	Workshops and meetings; Contributions and joint products	DG ENV, MS, Regional Sea Conventions	Marine Strategy Framework Directive (MSFD)
Marine protected areas: technical paper on criteria for analysing MPAs ecological coherence	Reports and assessments	DG ENV, MS, Regional Sea Conventions	Marine Strategy Framework Directive, Habitats Directive, and Biodiversity Strategy
Fisheries and aquaculture assessment report, with a focus on sea food system	Reports and assessments	DG ENV, DG MARE, DG JRC, ICES, Eionet	Marine Strategy and Water Framework Directives, Integrated Maritime Policy, Common Fisheries Policy, 7 <sup>th</sup> EAP
Finalise draft report on a European analytical framework for developing European marine ecosystem (services) assessment	Reports and assessments	DG ENV, MS, Eionet	EU 2020 Biodiversity Strategy, Marine Strategy Framework Directive, EU Directors' 'Vilnius process'
Eionet Marine Workshop	Workshop and meetings	Eionet	Marine Strategy Framework Directive

## SA1.7 BIODIVERSITY, ECOSYSTEMS, AGRICULTURE AND FORESTS

### **Multiannual objective**

To support and inform policy development and implementation in the area of biodiversity and ecosystems (natural capital), including agriculture and forests ecosystems, by means of data, information/indicators and assessments.

## Multiannual performance indicators

- Data reported by EEA member countries and other sources collected, processed, quality-assured, stored and disseminated according to the agreed deadlines in a timely and reliable manner;
- EEA member countries and Commission assisted effectively in their Nature Directives reporting activities, and capacity-building support provided as needed;
- EEA member countries and the European Commission supported in a timely manner with relevant analysis and compilations of reported information within a direct policy context;
- EEA information systems developed according to the policy needs as emerging from the nature Directives, the EU Biodiversity and Global Biodiversity strategies. To this end, full development and implementation of BISE in partnership with relevant Commission Services (linking to other systems — e.g. WISE and Climate-ADAPT — as appropriate);
- Develop indicators and assessments based on sound, timely, and policy-relevant methodologies, including needs from policy-effectiveness analysis, in particular concerning the mid-term review of the Biodiversity Strategy to 2020 and sub-global/regional ecosystems assessments, as well in support to policy-science interface platforms at European and global levels (e.g. IPBES);
- Establish relevant partnerships with major operators in biodiversity monitoring, data gathering, and agriculture and forests ecosystems data and observation networks, in order to reinforce information provision as well as assessment capacities.

## Highlights for 2016

- Continue to host and develop BISE (Biodiversity knowledge system owned by DG ENV), including integration of the EEA Data Centre, EUNIS and the Biodiversity Clearing House Mechanism (CBD);
- Explore the results of the Article 12 (Birds Directive) and Article 17 (Habitats Directive) reporting – contained in the EEA State of Nature report – for diverse assessment purposes; Preparations for the next round of reporting;
- Contribute to the coordinated reporting processes under the Water Framework Directive and the Marine Strategy Framework Directive, based on experience from the Nature Directives (reporting processes and conservation status methodology);
- Continue support to the building of the Natura 2000 network and on streamlining the Natura 2000 and Emerald network establishment;
- Explore results of the mid-term Review of Biodiversity strategy 2020, especially in relation to knowledge gaps in connection with the use and re-design of relevant indicators (based on SEBI and AEI (agri-environment) in particular) for assessing progress towards 2020;
- Reinforce strategic networking/partnerships capacities with other European and global organisations providing data and information, across Eionet following the new NRC landscape consolidated in 2015, and with LIFE-Nature programme (reporting indicators);
- Continue support to policy-science interface platforms (e.g. regional IPBES Platform);
- Support the EKC process: inputs to Knowledge Innovation projects.

## Main ETC Partner

ETC/BD

**Expected outputs**

Description	Type	Key partners	Justification/legal reference
Contributing to the maintenance and development of the Biodiversity Information System for Europe (BISE) in partnership with DG ENV in support of the knowledge base underpinning the EU Biodiversity Strategy to 2020 and Aichi targets (global). Advance work on the inventory of national indicators used to monitor national targets and crosslinking EU and AICHI targets.	Information systems	DG ENV, DG AGRI, DG ESTAT, DG JRC, DG CLIMA, MS	EU Biodiversity Strategy to 2020; 7 <sup>th</sup> EAP
Continue to develop EUNIS (habitats and species) in support of ecosystems assessments: i) grassland habitat types; ii) study using COPERNICUS in-situ component for collection of in-situ vegetation data in countries.	Data and maps Information systems	DG ENV, countries	EU Biodiversity Strategy to 2020; 7 <sup>th</sup> EAP
Explore the results contained in the EEA Technical Report on the conservation status of Species and Habitats of EU interest - 'State of nature in the EU: Results from the Reporting under the Nature Directives 2007-2012' in support of other assessments requirements	Contributions and joint products	DG ENV, countries	Habitats and Birds Directives; EU Biodiversity Strategy to 2020; 7 <sup>th</sup> EAP
Update and upgrade SEBI and AEI indicators within the EEA core set of indicators framework.	Indicators Data and maps	DG ENV, DG AGRI, DG ESTAT, DG JRC, DG CLIMA, MS	EU Biodiversity Strategy to 2020; 7 <sup>th</sup> EAP

Update of European ecosystem map and methodological assessment work on integrating time series information (MAES work programme).	Contributions and joint products	DGENV, DG JRC, DG ESTAT, MS, Eionet	EU Biodiversity Strategy to 2020; 7 <sup>th</sup> EAP
Support to EKC KIP on “Within Limits of the Planet”	Contributions and joint products	EKC partners	Priority objective 5 of the 7 <sup>th</sup> EAP
Technical report on tipping points in ecosystems	Reports and assessments	DG ENV, MS, Eionet	EU Biodiversity Strategy to 2020, Priority objective 5 of the 7 <sup>th</sup> EAP
Prepare update of the HNV farmland map based on CLC 2012	Data and maps	DG ENV, DG AGRI, DG ESTAT, DG JRC, DG CLIMA, MS	EU Biodiversity Strategy to 2020; 7 <sup>th</sup> EAP
Contribution to the 2016 climate change adaptation and vulnerability assessment –and other EEA reports as key reports such as Annual Indicator Report Series 2016.	Contributions and joint products	DG ENV, MS	7 <sup>th</sup> EAP
Continue to deliver and make accessible key data flows in the area: CDDA and Natura 2000. Consolidate partnership with LIFE-Nature on sharing reported site data and indicators.	Data and maps	DG ENV, MS	Habitats and Birds Directives; EU Biodiversity Strategy to 2020; 7 <sup>th</sup> EAP; LIFE programme
Contribute to continuation of Inspire implementation: <ul style="list-style-type: none"> <li>• CDDA streamlining pilot exercise</li> <li>• Reporting under Article 12 (Birds Directive) and Article 17 (Habitats Directive) – exercise of 2013-2018</li> </ul>	Contributions and joint products	DG ENV, DG JRC, MS	Habitats and Birds Directives; EU Biodiversity Strategy to 2020; 7 <sup>th</sup> EAP, INSPIRE Directive

Continued support to the establishment of the Emerald network	Data and maps Information systems	CoE, MS	EU and Global Biodiversity Strategy to 2020
Eionet NRC meetings: <ul style="list-style-type: none"> <li>• Biodiversity Data and Information Systems</li> <li>• Biodiversity and ecosystems indicators and assessments</li> </ul>	Workshops and meetings	DG ENV, other relevant DGs, Strategic partners (Eionet)	EEA/Eionet Regulation; EU Biodiversity Strategy to 2020 (mid-term review 2015); 7 <sup>th</sup> EAP

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## SA1.8 URBAN, LAND USE AND SOIL

### Multiannual objective

To support and inform policy development and implementation in the area of urban, land use, and soil, by means of data, information/indicators and assessments.

### Multiannual performance indicators

- EEA member countries and the European Commission supported in a timely manner with relevant analysis and compilations of information, and with direct policy support;
- EEA information systems adapted and improved to accommodate changes in reporting and user needs, integrated data platform for spatial and territorial thematic assessments operational and maintained;
- Sound, timely and policy-relevant indicators and assessments (including policy-effectiveness analysis) of urban areas and sustainable cities, land-use dependent economic sectors, and land- and soil-related resource efficiency.

### Highlights for 2016

- Produce comprehensive past trend information on land through re-analysis of 25 years series of Corine land cover data and use of enhanced Copernicus Land monitoring services; contribute to the development of the European Commission's Communication on Land;
- Publish an EEA technical report on soil nutrients and chemical balances providing for soil dimension in ecosystems assessment;
- Support the European Commission in developing the knowledge base on the environmental sustainability of urban areas, including development and update of input data from cities monitoring;

- Support the regular mapping of ecosystems, scenario building and ecosystems capital accounting exercises under EU Biodiversity Strategy Target 2 (Mapping of Ecosystem and their services –MAES initiative), in cooperation with EC services and countries;
- Support to EEA 2016 assessment report on ‘Climate change impacts and vulnerability in Europe’;
- Support the EKC process: inputs to Knowledge Innovation projects.

### Main ETC Partner

ETC/ULS

### Expected outputs

Description	Type	Key partners	Justification/legal reference
EEA Technical report on European soil nutrients balances and critical loads of N, P and Cd, and land related pressures in view of food, soil and water quality	Reports and assessments	DG ENV	7 <sup>th</sup> EAP priority 1, Roadmap to a resource-efficient Europe, follow-up for communication on land
EEA technical report on CORINE Land Cover past trends and integration with current European data on land monitoring and statistics.	Reports and assessments	DG ENV, DG ESTAT, Eionet	7 <sup>th</sup> EAP priority 1, Roadmap to a resource-efficient Europe, follow-up for communication on land
EEA Technical reports on methodological approaches for land degradation (productivity loss) and spatial data integration by analysing effects of drought on European ecosystems.	Reports and assessments	DG ENV, DG JRC	7 <sup>th</sup> EAP priority 1, Roadmap to a resource-efficient Europe, follow-up for communication on land
Technical report on Green infrastructure and flood management (in cooperation with NSV2)	Reports and assessments	DG ENV, DG REGIO	Biodiversity strategy and Green Infrastructure (GI) strategy, Floods and Water framework directives
Methodological support for sustainable urban areas and related indicators (typologies and land monitoring data)	Reports and assessments (tbc)	DG ENV, Eionet	7 <sup>th</sup> EAP priority 8; Resource efficiency Roadmap
EEA technical report and underpinning ecosystem capital accounting tables (V 1.0)	Reports and assessments	DG ENV, DG JRC, DG ESTAT	7 <sup>th</sup> EAP priority 1 and EU Biodiversity strategy to 2020



<p>First draft indicator for Fragmentation of ecosystems and habitats (terrestrial), based on 2012 land data.</p> <p>Technical report on methodological approaches for the development of the first set of indicators for a tourism and environment reporting mechanism (TOUERM)</p>	Indicators	DG ENV, DG ENTR, DG JRC, DG ESTAT, DG REGIO, DG GROW, UNWTO, Eionet	EEA/Eionet Regulation, 7 <sup>th</sup> EAP, COM(2010)352, COM (2014)86 final
Maintain mutual cooperation with partner regional conventions (Alpine, Carpathians), linking information systems and sharing assessments tools and methods (indicators)	Contributions and joint products	DGENV, DG REGIO, Eionet, Regional Convention Secretariats	7 <sup>th</sup> EAP priority 1 & 5, Biodiversity Strategy, Regional policies
Eionet Soil and Land Use and Spatial Planning (LUSP) NRC meetings	Workshops and meetings	Eionet, DG ENV, DG JRC	EEA/Eionet Regulation

## SA1.9 WASTE AND MATERIAL RESOURCES

### Multiannual objective

To support and inform policy development and implementation in the area of waste and material resources by means of data, modelling, information/indicators and assessments, in close cooperation with Eurostat.

### Multiannual performance indicators

- Information on national waste and material resource policies, and accounts and databases on material resource flows, use and efficiency, updated in a timely and reliable manner;

- EEA member countries assisted effectively in their reporting on waste management, waste prevention and material resources, and capacity-building support provided as needed;
- EEA member countries and the European Commission supported in a timely manner with relevant analysis and compilations of information and with direct policy support;
- EEA information systems adapted and improved to accommodate changes in reporting and user needs in line with EU waste and material resource policy developments;
- Sound, timely, and policy-relevant indicators and assessments, including policy effectiveness assessments, of status, trends and progress on waste policy implementation, including waste prevention programmes.

### Key highlights for 2016

- Supporting EU waste management policies and the achievement of a circular economy (CE) in Europe (see also SA2.1);
- Hosting the Waste Reference model that will be the basis for assessing progress towards new waste targets under CE.

### Main ETC partner

ETC/WMGE

### Expected outputs

Description	Type	Key partners	Justification/legal reference
Third annual analysis of EEA member country waste prevention programmes	Reports and assessments	DG ENV, Eionet NRCs Waste, DG JRC	Waste Framework Directive, Communication on CE
Assessing progress on the implementation of waste-management policies in countries	Reports and assessments	Eionet NRCs Waste, DG ENV, DG ESTAT, DG JRC	Waste Framework Directive, Communication on CE
European-level trends for waste management across the waste hierarchy	Indicators	Eionet NRCs Waste, DG ENV, DG ESTAT, DG JRC	Waste Framework Directive, Communication on CE
Framework for monitoring progress towards waste targets using the European reference model	Contributions and joint products	DG Env, Eionet NRCs Waste	Waste Framework Directive, Communication on CE

Capacity building on waste prevention (reach-out Eionet interaction, webinar)	Workshops and meetings	Eionet NRCs Waste, DG ENV, DG ESTAT, DG JRC, OECD	Waste Framework Directive, Communication on CE
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### **MAWP 2014-2018 goals and objectives**

#### **Goal**

To assess systemic challenges in the context of short-, medium- and long-term transitions, and to signal opportunities for (re)framing/recalibrating environmental policy to facilitate transition towards a more sustainable society in Europe.

#### **Key objectives**

- Provide integrated assessments across thematic areas with a view to signalling synergies including further opportunities for policy coherence;
- Provide prospective analyses to signal emerging issues both at European and global scales;
- Provide knowledge and analysis to assess progress made towards fundamental transitions embedded in long-term EU policy objectives.

#### **Key performance indicators**

- Prompt delivery of SOER 2015 and annual indicator reports 2014-2018;
- Measurable recognition in the processes for evaluations of the 7<sup>th</sup> EAP;
- Stimulation of the foresight-oriented discussions about transitions to a more sustainable society in Europe.

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## SA2.1 RESOURCE-EFFICIENT ECONOMY AND THE ENVIRONMENT

### **Multiannual objective**

To monitor progress and identify opportunities to improve the environment in Europe, and indirectly other regions of the world<sup>1</sup>, in accordance with circular and green economy perspectives<sup>2</sup>.

### **Multiannual performance indicators**

- Timely and reliable delivery of annual briefings and workshops, as well as assessments, indicators, accounts and databases based on timetables agreed with EEA stakeholders;
- Measurable uptake of EEA concepts, indicators, and analyses for circular economy into the mid-term reviews of the 7<sup>th</sup> EAP and the Resource Efficiency Roadmap, as well as into more specific policy processes, including the EU product-design and consumption policies.

### **Key highlights for 2016**

- Reporting on progress towards a circular economy in Europe;
- Reviewing resource-efficiency policy implementation by countries in support of the Resource Efficiency Roadmap;
- Developing integrated indicator and assessment approaches combining environmental, social and economic domains.

### **Main ETC Partner**

ETC/MMGE

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<sup>1</sup> This will be done within a global perspective, informed by global megatrends (SA2.4)

<sup>2</sup> The green economy concept as used by EEA includes a circular economy perspective. A 'circular economy' focuses on optimising resource efficiency by cutting waste to as close to zero as possible. The notion of a 'green economy' goes further: it relates resource efficiency with ecosystem resilience and human health and well-being. It thus extends the focus beyond waste and (material) resources, to issues like water, energy, land use and nature.

## Expected outputs

Description	Type	Key partners	Justification/legal reference
Report on progress on selected elements of a green economy in Europe	Reports and assessments	DG ENV, DG CLIMA, DG GROW, DG SANTE, DG RTD  OECD, UNEP, Global Green Growth Forum, World Economic Forum	7 <sup>th</sup> EAP
Analysis of progress towards a circular economy (CE briefing)	Reports and assessments	DG ENV, DG ESTAT, DG JRC, DG GROW, Eionet NRCs Waste and Resource Efficiency	Waste Framework Directive, Communication on CE
Reach-out activity Circular Economy	Workshops and meetings	DG ENV, DG ESTAT, DG JRC, DG GROW Eionet NRCs Waste and Resource Efficiency	7 <sup>th</sup> EAP  Waste Framework Directive, Communication on CE
Follow-up to food-system analysis (Reach-out, Eionet interaction (webinar))	Workshops and meetings	Eionet, DG ENV, DG AGRI, DG JRC, DG Eurostat	
Follow-up to country review resource efficiency policy implementation (Reach-out, Eionet interaction (webinar))	Workshops and meetings	Eionet NRCs Resource Efficiency, DG ENV	RE Roadmap implementation
Indicators and integrated accounting approaches for environment and well-being assessment in line with the three priority objectives of the 7 <sup>th</sup> EAP	Contributions and joint products	DG ENV, DG SANTE, DG ESTAT, WHO	7 <sup>th</sup> EAP, MAWP 2014-2018

EIONET workshop on resource efficient economy	Workshops and meetings	Eionet NRCs Resource Efficiency	EEA/Eionet Regulation
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## SA2.2 ENVIRONMENT, HUMAN HEALTH AND WELL-BEING

### **Multiannual objective**

To provide data, information and assessments on environmental pressures on, and risks to, human health and well-being, contributing also to the development of a broader framing of environment and human health interactions<sup>3</sup>.

### **Multiannual performance indicators**

- Timely and reliable delivery of annual briefings and workshops as well as assessments, indicators, accounts and databases based on a timetable agreed with EEA stakeholders;
- Measurable uptake of EEA concepts and analyses for environment risks to human health and well-being into the mid-term reviews of the 7<sup>th</sup> EAP and the Resource Efficiency Roadmap, as well as into other policy processes, such as the global Sustainable Development Goals and the WHO Environment and Health process;
- Measurable progress with Eionet on the development of a common conceptual framework for assessing environmental risks to health and well-being in a green economy.

### **Key highlights for 2016**

- Inputs to the 7<sup>th</sup> EAP activity on developing a systematic approach to risk;
- Supporting the Information platform on Chemicals (IPChem) and the European Human Biomonitoring Initiative (EHBMI).

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<sup>3</sup> This work complements the analysis of health impacts indicated under other strategic areas (e.g. SA1.1, SA1.2 and SA1.5). The support to IPChem is aimed at correlating updated human biomonitoring data with current environmental monitoring and its future developments.<sup>3</sup>

## Expected outputs

<b>Description</b>	<b>Type</b>	<b>Key partners</b>	<b>Justification/legal reference</b>
Data support to IPCheM on environmental media and human biomonitoring	Data and maps	DG ENV, DG JRC, EFSA, ECHA	MAWP 2014-2018
Support to European Human Biomonitoring Initiative - Secretariat and SC participation	Contributions and joint products	DG RTD, DG ENV	
Analytical support to systematic approach to risk management	Contributions and joint products	DG ENV, DG JRC, DG SANTE	7 <sup>th</sup> EAP, MAWP 2014-2018
Eionet workshop on Environment, Health and Well-being	Workshops and meetings	Eionet NRCs Environment and health	EEA/Eionet Regulation



## SA2.3 MEGATRENDS AND TRANSITIONS

### Multiannual objective

To measure, monitor and report on long-term trends and sustainability transitions based on established policy visions to 2050 and using appropriate methods and key indicators.

### Multiannual performance indicators

- Timely delivery of megatrend and FLIS updates;
- Measurable recognition and/or uptake of results by stakeholders, such as uptake by member countries and relevant Commission Services.

### Key highlights for 2016

- Publication on Transitions;
- Co-publication (Web) of horizon scanning results achieved with Eionet NRC FLIS.

### Expected outputs

Description	Type	Key partners	Justification/legal reference
Transitions to a Green Economy	Reports and assessments	DG ENV, DG JRC, DG RTD, DG ESTAT, OECD, Eionet NRCs FLIS	MAWP 2014-2018
FLIServices - Forward looking information Platform - Eionet shared information platform on the web	Information systems	DG JRC, DG RTD, Eionet NRCs FLIS	MAWP 2014-2018
Two web tools for content sharing with Eionet; i.e. 1) Horizon scanning 2) Methods and Methodologies	Information systems	Eionet NRCs FLIS, countries providing content voluntarily Possibly shared with	MAWP 2014-2018

		DG ENV, DG JRC, DG RTD	
First results of pilot studies of co-created information with Eionet NRCs FLIS, i.e. Impacts of Global megatrends at national level and horizon scanning trends	Reports and assessments	Eionet NRCs FLIS	MAWP 2014-2018
Eionet workshops on forward looking information tools and services	Workshops and meetings	Eionet NRCs FLIS	EEA/Eionet Regulation

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## SA2.4 SUSTAINABILITY ASSESSMENTS AND STATE OF THE ENVIRONMENT REPORTING

### Multiannual objective

To keep under review the state of, trends in, and prospects for the environment in Europe in order to inform environmental strategies and policies, including sustainable development policies and goals, with a comprehensive and integrated knowledge base.

### Multiannual performance indicators

- Timely publication of a report on the state of, trends in, and prospects for the environment in Europe in 2015 (SOER 2015) and evaluation of its utility;
- Timely annual publications of indicator reports relevant to the transition to a green economy/society in Europe;
- Appropriate support to the next ministerial meeting under the ‘Environment for Europe’ process (to be decided);
- Measurable uptake of EEA concepts, information, and indicator-based assessments in the evaluation of the 7<sup>th</sup> EAP.

### Key highlights for 2016

- Publication of the 1<sup>st</sup> annual (2016-2019) indicator report in support to the monitoring of the 7<sup>th</sup> EAP;
- Lessons learned/assessment of the SOER 2015 and initiation of work on SOER 2018(20);
- Inputs to the Environment Knowledge Community on Knowledge Innovation Projects (KIPs)
- Strengthening EEA’s position as a hub on environmental policy evaluation.

## Expected outputs

Description	Type	Key partners	Justification/legal reference
First (2016) indicator report that will contribute to the monitoring of the 7 <sup>th</sup> EAP	Reports and assessments	DG ENV, DG CLIMA, DG ESTAT, DG JRC, Eionet	Article 4 of the 7 <sup>th</sup> EAP
Planning and scoping of the 2 <sup>nd</sup> (2017) indicator report that will contribute to the monitoring of the 7 <sup>th</sup> EAP	Contributions and joint products	DG ENV, DG CLIMA, DG ESTAT, DG JRC, Eionet	Article 4 of 7 <sup>th</sup> EAP
Towards SOER 2020: 1) Lessons learned/assessment of the SOER 2015 as a base for initiation of the work towards SOER 2018(20), 2) Preliminary results from European Environmental Knowledge Community (EKC) – Knowledge Innovation Projects (KIPs)	Contributions and joint products	Eionet NRCs SOER, DG ENV, DG CLIMA, DG ESTAT, DG JRC	EEA/Eionet Regulation
Eionet workshops SOE	Workshops and meetings	Eionet NRCs SOE	EEA/Eionet Regulation
Planning and scoping of EEA support for the 7 <sup>th</sup> EAP evaluation, including the identification of methodological approaches required for evaluating thematic priority objectives of the 7 <sup>th</sup> EAP	Contributions and joint products	DG ENV, DG CLIMA, DG JRC, DG ESTAT, Eionet	Decision 1386/2013/EU
First draft scoping paper for the KIP on “Within Limits of the Planet”	Contributions and joint products	EKC partners	Priority objective 5 of the 7 <sup>th</sup> EAP
European Environmental Evaluators Network (EEEN) Forum 2016	Workshops and meetings	Eionet, Commission Services, EEA Stakeholders	EEA/Eionet Regulation; 7 <sup>th</sup> EAP

EEA internal guidance on evaluation of environmental policy	Reports and assessments	Eionet, Commission Services, EEA Stakeholders	EEA/Eionet Regulation; Decision 1386/2013/EU
Contribution to UNEP and UNECE pan-European assessment processes as appropriate	Contributions and joint products	UNEP, UNECE	MAWP 2014-2018

## SA3 KNOWLEDGE CO-CREATION, SHARING AND USE

### **MAWP 2014-2018 goals and objectives**

#### **Goal**

To be the authoritative European environment node and hub, and a key initiator within networks of knowledge co-creation, sharing and use.

#### **Key objectives**

- Ensure the quality, availability and accessibility (based on SEIS principles) of data and information needed to support SA1 and SA2;
- Actively communicate data, information and knowledge to policymakers, the public, research communities and others (NGOs, businesses) as well as to regional and international processes including those of the UN and its specialised agencies;
- Promote information governance as a driver of public empowerment and behavioural change.

#### **Key performance Indicators**

- Metrics to measure the active participation of Eionet (Priority data flows, meeting participation, engagement in preparation and review of EEA products and services, etc.);
- Online availability of EEA data and information products and services (99 % up-time);
- Impacts of communication efforts (based on media-monitoring tools).

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### SA3.1 NETWORKING AND PARTNERSHIPS

#### **Multiannual objective**

To improve the sharing of data, information and assessments at European, national and global levels together with Eionet, and to broaden cooperation with stakeholders and networks beyond Eionet.

#### **Multiannual performance indicators**

- Strengthened cooperation and communication within Eionet, and between Eionet and the EEA, the EEA Management Board, and the EEA Scientific Committee;
- Increased satisfaction of the member countries with Eionet as a means to streamline data and knowledge sharing;

- Increased relevance of EEA/Eionet outputs to member countries;
- SEIS extension and regular reporting in the pan-European region established as part of SOE-online with a view to inform SOER 2015;
- EEA/Eionet indicators and knowledge incorporated in EU contributions to UNEP and post-Rio+20 processes;
- Becoming a node and a hub in a policy-relevant network on long-term transitions;
- Growing contributions from stakeholders beyond Eionet;
- EEAcademy established by 2016.

### Highlights for 2016

- Supporting (ongoing) Eionet's involvement in and contribution to the development of an improved knowledge and evidence base, as outlined in priority objective 5 of the 7<sup>th</sup> EAP;
- Enhancing the structures of Eionet to facilitate a more active role as an interface to capture knowledge coming from research activities (both nationally and through Horizon 2020), and the public more broadly - private sector, civil society organisations, and citizens;
- Implementing the agreed framework for international engagement covering countries and regions (in particular Arctic and pan-European, Black Sea and Mediterranean) beyond EEA membership and partnerships with relevant regional and global entities;
- Contributing to pan-European and GEO assessment processes with EEA member country perspectives and knowledge (SOER 2015), including methodological inspiration, facilitation and expertise;
- Establishing regular activities of the EEAcademy and coordinating inputs into the Environment Knowledge Community.

### Main ETC Partner

All

### Expected outputs

Description	Type	Key partners	Justification/legal reference
Monitoring of member country satisfaction with Eionet cooperation	Reports and assessments	Eionet	EEA/Eionet Regulation
SOER-based inputs to pan-European and UNEP GEO-6 process	Contributions and joint products	UNECE, UNEP, ENV	MAWP 2014-2018
Inputs to regional reporting	Contributions and joint products	Eionet, Black Sea Commission, UNEP/MAP, Arctic Council	MAWP 2014-2018

Member and cooperating country contributions (data, information, etc.) to SOE-online	Data and maps	Eionet, ENV, JRC, ESTAT	EEA/Eionet Regulation
Enhanced partnerships with stakeholders beyond Eionet	Contributions and joint products	Eionet	EEA/Eionet Regulation
Support to the Commission and EU Member States in the context of UNECE and UNEP assessments and the post-Rio+20 process	Contributions and joint products	DG ENV, JRC, ESTAT	MAWP 2014-2018
EEAcademy operational	Contributions and joint products Workshops and meetings	Eionet and Scientific Committee	MAWP 2014-2018
Inputs to the EKC	Contributions and joint products	DG ENV, CLIMA, RTD, JRC, ESTAT	MAWP 2014-2018

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## SA3.2 TECHNICAL SYSTEMS DEVELOPMENT

### Multiannual objective

To ensure that EEA IT systems continually meet the needs of the organisation, enabling it to efficiently implement its work programme.

### Multiannual performance indicators

- Reportnet tools efficiently supporting fulfilment of reporting requirements;
- Networking tools efficiently supporting knowledge management and appreciated by networking partners;
- High user satisfaction with the Indicator Management System;
- Spatial data infrastructure compliant with Inspire by 2018;
- Usability of EEA website rated high and increased number of visitors every year;

- SOE-online tools fulfilling their role in continual update of SOE information after SOER 2015.

### Highlights for 2016

- Upgrading Reportnet tools for new e-reporting activities;
- Further improvement of exchange of quality-assured data with stakeholders e.g. Eurostat
- Further improving the EEA website for online full traceability and transparency of underpinning data and information sources related to up-to-date information on the state and outlooks of Europe's environment;
- Maintaining the software tools and infrastructure for the Eionet forum, IT helpdesk and data sharing;
- Development of cloud based solution for IT services including data management and information platforms;
- Further development of the EEA spatial data infrastructure conform to the implementing rules as defined by the INSPIRE directive.

### Expected outputs

Description	Type	Key partners	Justification/legal reference
Improved Reportnet suite of tools	Information systems	Eionet, DG ENV, DG CLIMA	EEA/Eionet Regulation
Improved EEA website for up-to-date online information (SOE-online)	Information systems	Eionet	EEA/Eionet Regulation
Improved Eionet portal and related networking tools	Information systems	Eionet	EEA/Eionet Regulation
Improved EEA spatial data infrastructure	Information systems	Eionet, DG JRC, ESTAT	EEA/Eionet Regulation, Inspire Directive
IT support to data flows and development of information systems presented under SA1 and SA2	Information systems	Eionet, DG ENV, DG CLIMA	EEA/Eionet Regulation
Eionet workshop on Information Systems	Workshops and meetings	Eionet NRCs for Information systems	EEA/Eionet Regulation



### **Multiannual objective**

To ensure the availability, quality, accessibility and sustainability of monitoring, data, and information needed for the knowledge base, supporting environment and climate policies.

### **Multiannual performance indicators**

- At least 90 % average scoring Eionet data flows by 2018;
- Annually updated European datasets online within three months of deadline for national deliveries;
- Annually updated indicator assessments online within three months of data publications;
- European environmental data regularly updated in global environmental datasets.

### **Highlights for 2016**

- Implementing the [new] agreed set of Eionet priority data flows for monitoring the regular data delivery, quality, and performance on data sharing and reporting by countries as part of the implementation of a shared environmental information system (SEIS);
- Online publishing of new available updates of the thematic datasets, indicators (including the core set), maps and graphs related to the state and outlook of Europe's environment (SOE-online) in cooperation with Eionet and other EU-level data providers and indicator providers, including the further implementation of SENSE (Sharing European and National State of the Environment) and the use of operational Copernicus services;
- Streamlining the EEA/Eionet dataflows using a shared common work space for data processing by the EEA and ETCs to improve efficiency of throughput for publication of data sets and indicators;
- Supporting Eionet and the European Commission in the further implementation of the Inspire Directive, i.e. participation in the Inspire core team and the European Commission Expert Group on Maintenance and Implementation of Inspire;
- Aligning the Agency's work in the domain of earth observation and geospatial information management with the European Commission objectives in support of policy and information needs through participation in international networks i.e. GEO/GEOSS for the implementation of the new 10 year GEO/GEOSS work plan in close cooperation with Eionet, and the European regional committee of the UN initiative on Global Geospatial Information Management (UNGGIM-Europe) on core geospatial reference data.

### **Main ETC Partner**

All

## Expected outputs

Description	Type	Key partners	Justification/legal reference
Report on the Eionet priority dataflows 2015-2016	Reports and assessments	Eionet	EEA/Eionet Regulation
Annually updated progress monitoring of Inspire implementation by countries	Data and maps	Eionet, DG ENV, DG JRC, Inspire National Contact Points (NCPs)	Inspire Directive 2007/2/EC
Updated European geospatial reference data for the EEA SDI and GIS activities	Data and maps	DG ESTAT, DG JRC, DG ENTR, DG RTD	EEA/Eionet Regulation Inspire Directive 2007/2/EC
SOE-online content update	Indicators Data and maps	Eionet, DG ESTAT, DG JRC, DG ENV, DG ENTR	EEA/Eionet Regulation
EEA/Eionet data with full and open access contribution to the Global Earth Observation System of systems	Data and maps	Eionet, DG RTD	GEO Ministerial decision of 17 January 2014

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## SA3.4 COMMUNICATION, OUTREACH AND USER ANALYSIS

### Multiannual objective

To inform and engage in dialogue with key stakeholders and other users of EEA outputs around key messages and corporate communications.

### Multiannual performance indicators

- The EEA's findings are communicated regularly and objectively, providing full and easy access to information, respecting the EEA's corporate identity and corporate design, using relevant channels and appropriate frequency;
- Input to EU and national environment agendas is provided, key stakeholders are engaged with the EEA in dialogue and networking; activities are aligned to priorities of the EU and EEA member countries;
- Specific target audiences are known and addressed as directly as possible with appropriate measures; new audiences and tools are identified in response to societal changes;
- Staff provided with requested access to databases, books and periodicals (within the limits of the available budget);
- Timely production of the reports due for publication.

### Highlights for 2016

- Communication activities supporting annual priorities, expected in 2016 around climate change mitigation and adaptation, water and marine, land and urban, sustainable development, tbc;
- Further improve user experience and accessibility on the EEA website, focusing on its content and structure;
- Produce communication products that are appropriate to the way our audience digests information, including shorter publications, digital and audio-visual products;
- Build an increasingly nuanced understanding of who our stakeholders are, their working processes, information needs and concerns.
- Continuously use, adapt and improve modern communication channels.

### Expected outputs

Description	Type	Key partners	Justification/legal reference
Communication plans and activities supporting annual priorities	Communication products	Eionet, EU Institutions, Eionet	EEA/Eionet Regulation

Annual meeting and communication activities with Eionet NRCs for Communication	Workshops and meetings	Eionet	EEA/Eionet Regulation
Quarterly online corporate newsletter	Communication products	All stakeholders	EEA/Eionet Regulation
Signals 2016	Communication products	All stakeholders	EEA/Eionet Regulation
Annual Report 2015	Corporate documents	EEA Management Board	EEA/Eionet Regulation
Improved user experience of EEA website	Information systems	Users	EEA/Eionet Regulation
Media relations	Communication products	All stakeholders	EEA/Eionet Regulation
Timely production and dissemination of quality-assured and targeted EEA outputs, specifically publications (editing, publishing and dissemination)	Communication products	All stakeholders	EEA/Eionet Regulation
Improved workflow for publishing to improve the production pipeline and ensure the production of reports is better managed across the agency	Corporate products	EEA/ETCs	EEA/Eionet Regulation
Dialogue activities as face-to-face meetings, conferences, workshops	Communication products	EEA/Eionet	EEA/Eionet Regulation
Promotion of EEA outputs and messages through social media channels	Communication products	All stakeholders	EEA/Eionet Regulation
Customer relations and targeted dissemination to stakeholders	Communication products	All stakeholders	EEA/Eionet Regulation
Evaluation of the impact of EEA outputs	Corporate products	All stakeholders	MAWP 2014-2018

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## SA3.5 QUALITY MANAGEMENT AND OPERATIONAL SERVICES

### **Multiannual objective**

To provide high-quality operational support to the running of the EEA, including quality management and environmental performance management.

### **Multiannual performance indicators**

- Core processes documented in accessible and consistent formats, and quality management system (QMS) better integrated with other management systems and EMAS. Proof of improved processes recorded;
- Completed verifications and publication of annual verified environmental statements. Recertification achieved;
- Relevant and timely reporting, advice and recommendations provided to the ED and EEA management;
- Stable and user-friendly IT systems available throughout the year (99 % uptime) and satisfaction level in the EEA job satisfaction survey kept at the same high level as in previous years;
- High percentage (aiming at 100 %) registration of documents and records that meet the criteria for registration.

### **Highlights for 2016**

- Improved governance of the Agency's IT based on the recommendations of the Internal Audit Service, as well as improved performance and service levels through increased use of cloud-based services;
- Operating a shared common work space infrastructure for data processing by internal and external stakeholders.

### **Expected outputs**

<b>Description</b>	<b>Type</b>	<b>Key partners</b>	<b>Justification / legal reference</b>
Environmental management system (EMAS)	Corporate products	All stakeholders	EMAS, Relevant Danish environmental legislation
Quality management system (QMS)	Corporate products	All stakeholders.	EEA internal control standards

IT infrastructure and service	Corporate products; Information systems	All stakeholders	EEA/Eionet Regulation
Document management system	Corporate products	All stakeholders	EEA/Eionet Regulation, Access to documents

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### SA3.6 COPERNICUS OPERATIONAL SERVICES<sup>4</sup>

#### **Multiannual objective**

To contribute to the implementation of the Copernicus programme.

#### **Multiannual performance indicators**

- Time span between satellite data acquisition and derived land cover data reduced to one year;
- Copernicus services online and available with at least 99 % uptime.

#### **Highlights for 2016**

- Implementing the delegated tasks of the European and local component of the Copernicus land monitoring services and the in-situ coordination of the Copernicus Programme for 2016\*;
- First results of operational land monitoring services based on the new Sentinel-2 data [expected launch June 2015].
- Making sure that Copernicus data are made freely available in line with the full and open access principle promoted by the EC and GEO and endorsed in the Copernicus regulation

#### **Main ETC Partner**

ETC/ULS and ETC/BD

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<sup>4</sup> Copernicus operational services are covered and funded by a delegation agreement between the EU and the EEA

## Expected outputs<sup>5</sup>

Description	Type	Key partners	Justification/legal reference
Land use and land cover change data of the pan-European component (Corine Land Cover, High Resolution Layers) and the local component (Land cover riparian zones, coastal zones, Urban Atlas) of the Copernicus land-monitoring service	Data and maps	DG GROW, DG JRC DG ENV, Eionet	Copernicus Regulation 377/2014/EU
Inspire compliant land.copernicus.eu portal for access to Copernicus land-monitoring data and services	Information systems	DG GROW, JRC	Copernicus Regulation 377/2014/EU
Overview of in-situ data used by operational Copernicus services	Reports and assessments	DG GROW, Eionet	Copernicus Regulation 377/2014/EU
Copernicus Reference Data Access Node (CORDA)	Information systems	DG GROW, Eionet	Copernicus Regulation 377/2014/EU

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## SA3.7 CAPACITY BUILDING IN WEST BALKAN AND EUROPEAN NEIGHBOURHOOD COUNTRIES

### Multiannual objective

To improve the knowledge base for environment policy in the entire pan-European area and the Mediterranean based on SEIS principles.

### Multiannual performance indicators

- Integration of West Balkan countries in EEA/Eionet activities and products;
- Strong performance of West Balkan countries in priority data flows;

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<sup>5</sup> 2016 Copernicus work programme for 2016 to be agreed.

- Annual data flows for ENP countries for a set of regional indicators linked to the ‘Horizon 2020: a cleaner Mediterranean by 2020’ process for the South, and the ‘Environment for Europe’ process for the East.

### Highlights for 2016

- Further development of EEA cooperation with the West Balkan countries via different financial instruments, thematic activities, performance in priority data flows, and success stories over the years with a view to develop and implement a roadmap for further integration;
- Further supporting SEIS implementation and cooperation with the partner countries in the European neighbourhood in the East and South regions for improved quality and access to environmental information and good environmental governance.

### Expected outputs

Description	Type	Key partners	Justification/legal reference
Participation of WB NFPs and NRCs in Eionet workshops	Workshops and meetings	Eionet in WB countries, EPA Network IG on West Balkans	EEA/Eionet Regulation, IPA
Maintenance and further development of Eionet structures in the West Balkan countries to ensure their contribution to main EEA outputs (data flows, reports, web products, etc.)	Contributions and joint products	Eionet in WB countries, DG ENV, DG NEAR, EPA network IG on West Balkans	IPA, MAWP 2014-2018
Technical meetings, capacity building workshops and training	Workshops and meetings	Partners/NFPs under European Neighbourhood Initiative (ENI)-SEIS and DG NEAR, DG ENV, UNECE, UNEP/MAP	ENI, MAWP 2014-2018
Pilots for establishing a regular data flow process as well as assessment capability for the ENI partner countries in line with on-going Eionet practice	Contributions and joint products	Partners/NFPs under European Neighbourhood Initiative (ENI)-SEIS and DG NEAR, DG ENV, UNECE, UNEP/MAP	ENI, MAWP 2014-2018



## SA4 EEA MANAGEMENT

### MAWP 2014-2018 goals and objectives

#### Goal

Excellence in delivering the work programme.

#### Key objectives

- Provide efficient and effective management and administration of the Agency's work programme and resources (financial and human).

#### Key performance indicators

- Work programme delivered;
- Positive outcome of the next five-year external evaluation of the EEA (2018).

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## SA4.1 GOVERNANCE AND MANAGEMENT

### Multiannual objective

To lead and manage the EEA effectively and efficiently in line with stakeholder expectations.

### Multiannual performance indicators

- Timely delivery of documents and other contributions to the Management Board, Bureau and Scientific Committee. Smooth running of their respective meetings;
- Well executed planning, drafting and stakeholder consultation of the annual work programmes adhering to the agreed deadlines;
- 95% agreed development plans and appraisals completed according to the deadlines specified in internal guidelines;
- On average, 10 days/year are used per staff member for development of competencies (including language training);
- Positive outcome of the next five-year external evaluation.

## Expected outputs

Output	Type	Key partners	Justification/legal reference
90% outputs, as defined in the AWP, delivered in 2016	All	n/a	AWP
95% agreed development plans and appraisals completed according to deadlines as specified in internal guidelines and 10 days are used per staff member for development of competencies (on average)	n/a	n/a	Staff regulations
Programming Document 2017-2019 (including AWP 2017, Multiannual resource programming 2017-2019)	Corporate products	Management Board, Eionet, Scientific Committee, Commission services	Financial Regulation, EEA/Eionet Regulation
Draft programming document 2018-2020 (including AWP 2018, multiannual resource programming 2018-2020)	Corporate products	Management Board, Eionet, Scientific Committee, Commission services	Financial Regulation, EEA/Eionet Regulation
Annual Activity Report 2015	Corporate products	Management Board, Budgetary authorities	Financial Regulation
Management Board, Bureau and Scientific Committee meetings and seminars	n/a	Management Board and Scientific Committee	EEA/Eionet Regulation
Deliveries defined in the annual audit plan approved by the EEA Management Board	Corporate products	Management Board	Financial Regulation

## SA4.2 ADMINISTRATION

The multiannual objective in this area is to provide high-quality administrative support to the running of the EEA.

### Multiannual objective

To provide high quality administrative support to the running of the EEA

### Multiannual performance indicators

- Satisfaction level in the EEA job satisfaction survey is kept at the same high level as previous years, and a minimum of serious observations/recommendations from audits received;
- Staff competency development activities to support the delivery of the work programmes are planned and executed in accordance with the EEA learning and development framework;
- EEA budget, procurement plan and accounts published within the deadlines as set out in the Financial Regulation;
- Satisfaction level for facilities management services in the EEA job satisfaction survey kept at the same high level as in previous years.

### Key highlights for 2016

- Implementation of e-procurement;
- Revision of EEA Financial Regulation (subject to the availability of the new Framework Financial Regulation).

### Expected outputs

Output	Type	Key partners	Justification/legal reference
Reply to European Parliaments discharge 2014	Corporate products	European Parliament	Framework Financial Regulation
Annual Accounts 2015	Corporate products	Management Board, Commission services, Court of Auditors	Financial Regulation
Budgetary and Financial Management Report 2015	Corporate products	Budgetary authorities, Commission services, Court of Auditors	Financial Regulation

Budget 2016 (publication in the Official Journal)	Corporate products	EU Publications Office	Financial Regulation
Procurement plan 2016 (Published in European public procurement journal Tenders Electronic Daily)	Corporate products	DG ENV, DG CLIMA,	Financial Regulation
Planning and programming: Draft Budget 2017 (including establishment table)	Corporate products	DG ENV / DG BUDG	Financial Regulation
Building policy	Corporate products	DG BUDG	Financial Regulation
Compliance reporting: Reply to Court of auditors, Internal Audit Service	Corporate products	Court of Auditors, Internal Audit Service of the Commission, European Parliament	Financial Regulation
New EEA Financial Regulation	Corporate products	Management Board, DG BUDG	Framework Financial Regulation

## LIST OF ACRONYMS

AEI	Agri-Environmental Indicators
AWP	EEA Annual work programme
BISE	Biodiversity Information System for Europe
CAMS	Copernicus Atmosphere Monitoring Service
CBD	Convention on Biological Diversity
CDDA	Nationally designated areas
CE	Circular Economy
CEIP	Centre on Emission Inventories and Projections (EMEP)
CIS	Common Implementation Strategy for the Water Framework Directive
CLC	Corine Land Cover
Climate-ADAPT	The European Climate Adaptation platform
Copernicus	Previously known as GMES (Global Monitoring for Environment and Security) European Earth Observation Programme
CSI	Core Set of Indicators
DG AGRI	European Commission Directorate-General for Agriculture and Rural Development
DG CLIMA	European Commission Directorate-General for Climate Action
DG COMM	European Commission Directorate-General of Communication
DG DEVCO	European Commission Directorate-General for Development and Cooperation - EuropeAid
DG ECHO	European Commission Directorate General for Humanitarian Aid and Civil Protection
DG ENER	European Commission Directorate-General for Energy
DG ENV	European Commission Directorate-General for Environment
DG GROW	European Commission Directorate-General for Internal Market, Industry, Entrepreneurship and SMEs
DG JRC	European Commission Joint Research Centre
DG MARE	European Commission Directorate-General for Maritime Affairs and Fisheries
DG MOVE	European Commission Directorate-General for Mobility and Transport
DG REGIO	European Commission Directorate-General for Regional Policy
DG RTD	European Commission Directorate-General for Research and Innovation
DG SANTE	European Commission Directorate-General for Health and Consumers
DPSIR	Driving forces – Pressures – State – Impacts - Responses
EAP	Environment Action Programme
EC	European Commission
ECCA	European Climate Change Adaptation
ECDC	European Centre for Disease Prevention and Control
ECHA	European Chemicals Agency
ECMWF	European Centre for Medium-Range Weather Forecasts
EEA	European Environment Agency
EFSA	European Food Safety Authority
Eionet	European Environment Information and Observation Network
EKC	Environmental Knowledge Community
EMAS	Environmental management system
EMEP	European Monitoring and Evaluation Programme
ENI	European Neighbourhood Instrument
ENP	European Neighbourhood Policy
ENPI	European Neighbourhood Partnership Instrument
EP	European Parliament

EPA E-PRTR	Environmental Protection Agency European Pollutants Release and Transfer Register
ETS ETC ETC/ACM ETC/BD ETC/CCA ETC/ICM ETC/ULSS ETC/WMGE	Emissions Trading Scheme European Topic Centre ETC on Air Pollution and Climate Change Mitigation ETC on Biological Diversity ETC on Climate Change Impacts, Vulnerability and Adaptation ETC on Inland, Coastal and Marine Waters ETC on Urban, Land and Soil Systems ETC on Waste and Materials in a Green Economy
EU EUNIS Eurostat/ESTAT	European Union European Nature Information System Statistical Office of the European Communities
FD	Floods directive
FP7	Seventh Framework Programme for research, technological development and demonstration activities
FLIS	Forward-Looking Information and Services
FOEN	The Federal Office for the Environment, Switzerland
GBIF	The Global Biodiversity Information Facility
GEO-6 GEO GEOSS GHG GIO GMES Horizon 2020	Global Environment Outlook 6 (UNEP) Group on Earth Observations Global Earth Observation System of Systems Greenhouse Gas GMES/Copernicus Initial Operations Global Monitoring for Environment and Security EU Framework Programme for Research and Innovation
IIASA	The International Institute for Applied Systems Analysis
ICES ICLEI IEEG Inspire IPA IPBES	The International Council for the Exploration of the Sea Association of Local Governments for Sustainability Industrial Emissions Expert Group Infrastructure for Spatial Information in the European Community Instrument for Pre-accession Assistance 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)
ISDR	International Strategy for Disaster Reduction
IUCN	International Union for Conservation of Nature
KPI	Knowledge Innovation Project
LRTAP	Long-Range Transboundary Air Pollution
MAES MAWP MS MSFD	Mapping and Assessment of Ecosystems and their Services in Europe EEA Multiannual Work Programme Member States Marine Strategy Framework Directive
Natura 2000 NEC NFP NGO NRC	Nature Convention Programme National Emission Ceilings National Focal Point Non-governmental organisation National Reference Centre
ODS OECD OSCE	Ozone Depleting Substances Organisation for Economic Cooperation and Development Organization for Security and Co-operation in Europe
RBMPs	River Basin Management Plans

SCP	Sustainable consumption and production
SDI	Spatial Data Infrastructure
SDGs	Sustainable Development Goals
SEBI	Streamlining European Biodiversity Indicators
SEIS	Shared Environmental Information System for Europe
SENSE	Shared European National State of the Environment
SIIFs	Structured Implementation and Information Frameworks
SoE	State of Environment
SOE-online	EEA's system to give online access to the latest SOER data and information
SOER	'State and outlook of the environment' report
SO <sub>2</sub>	Sulphur dioxide
TERM	Transport and Environment Reporting Mechanism
UN	United Nations
UNECE	United Nations Economic Commission for Europe
UNEP	United Nations Environment Programme
UNEP-PROVIA	Global Programme of Research on Climate Change Vulnerability, Impacts and Adaptation
UNFCCC	United Nations Framework Convention on Climate Change
UWWTD	Urban Waste Water Treatment Directive
UNWTO	The United Nations World Tourism Organization
WB	West Balkan
WBCSD	World Business Council for Sustainable Development
WCMC	World Conservation Monitoring Centre (UNEP)
WG DIKE	Working Group on Data, Information and Knowledge Exchange
WISE	Water Information System for Europe
WFD	Water Framework Directive
WHO	World Health Organization