

**Annex I**

	Proposed profiles for National Experts
1.	National expert for Web content Management
2.	National expert for E-reporting
3.	National expert for Copernicus Services
4.	National expert for Waste
5.	National expert for Land use and territorial urban analysis
6.	National expert for Water management, diffuse sources of water pollution and hydro-morphology
7.	National expert for EPA Network secretary

1. National Expert for Web Content Management

Context

The EEA multi-annual work programme includes objectives to support and inform policy development and implementation for a range of environment and climate change themes by means of data, information/indicators and assessments. The subsequent EEA multiannual communication framework commits the agency to improve the user experience and accessibility on the EEA website, focusing on its content, structure and design. These efforts are necessary as the website is the main platform for communicating EEA knowledge. We also need to optimise our website and other products for communication which is increasingly done through mobile devices. Throughout this work we will strive towards making EEA information available in multiple languages.

The National Expert for Web Content Management will increase the efforts of constantly improving the EEA website as a part of the media, social media and web team. He/She will work closely with EEA communication web & data experts to represent complex information in a structured and accessible way. He/She will contribute to improving the accessibility of the EEA knowledge on our website, whereby the EEA's brand image as a reliable and relevant provider of environmental information will also be strengthened (restructure, improve and update the content; improve the languages; move from paper to web when suitable). He/She will support the ongoing processes of adjusting the overall navigation, integration of different types of knowledge, improving tagging and research results, incorporating responsive design elements, enhancing interactivity and performance, contributing to renewed multilingualism and archiving approaches.

The National Expert will work under the responsibility of the Head of the COM 3 group, reporting to the Head of the Communications Programme.

Main tasks

- Develop and contribute to projects on improving the structure and accessibility of EEA web content;
- Manage/upload new content, revise and update when needed existing content on the EEA web site, using the Plone Content Management System;
- Manage/upload translations within the Content Management System;
- Provide technical web support for EEA colleagues;
- Provide support to web quality assurance and control, perform functional tests and user tests on the web site;
- Contribute to optimising content for digital publishing (e-books, briefings, etc.);
- Manage the incoming requests regarding the EEA website and follow up issues raised by colleagues or external users.

2. National Expert for E-reporting

Context

Reportnet is the EEA and Eionet infrastructure for supporting and improving data and information flows. The architecture and operations are managed by the EEA ICT and Data Management Programme (IDM). Reportnet is based on a set of inter-related tools and processes which all build on the active use of the World Wide Web. Reportnet has been developed since 2000 and has been in operational use since 2002.

The system integrates different web services and allows for distributed responsibilities. Reportnet was initially used for reporting environmental data flows coordinated by the EEA and Eionet, but is now also hosting some reporting tasks for the European Commission i.e. DGs Environment and Climate Action. The open system permits deliveries to other national and international organisations in a very transparent way.

In 2017 EEA has initiated a modernisation project called Reportnet 2.0. The project is planned for 3 years (2017-2019), and will deliver improvements to the Reportnet applications in the areas of performance, stability and security. The outcome of the Monitoring and Reporting Refit (MRR) carried out by DG Environment resulted in a number of actions that will focus on the further modernisation of e-reporting and monitoring. The EEA and Eionet will be closely involved in a number of these actions, including the development of Reportnet 3.0.

Main tasks

The EEA is looking for a seconded national expert with ICT knowledge and skills related to national and/or international reporting to help with the implementation of data flows and the modernisation of the e-reporting architecture. Tasks to be covered will include:

- Support the identification and articulation of the EEA and EIONET emerging new user requirements for current Reportnet data flows and future e-reporting;
- Analyse the requirements and propose solutions. This requires gaining a thorough knowledge of the architecture and technical capabilities of Reportnet;
- Contribute to the definition of terms of reference, description of work and project implementation plans;
- Support the management of external software development during the implementation and coordinate deadlines;
- Evaluate deliveries from external software development consultants;
- Collaborate with the European Topic Centres (ETCs).

3. National Expert for Copernicus Services

Context

The European Earth observation Programme Copernicus 2014-2020 is a user driven programme aiming to deliver data and information services in the following areas: atmosphere monitoring, marine environment monitoring, land monitoring, climate change, emergency management and security. The EEA is a main user of a number of these services to support and inform policy development and implementation for a range of environment and climate change themes by means of data, information, indicators and assessments. The EEA is also responsible for the overall coordination of the Copernicus in situ component and is coordinating together with JRC the implementation of the Copernicus land monitoring services.

A major challenge for Copernicus is the identification and interpretation of the needs from end users, which include policymakers and EIONET (i.e. national reference centres). Copernicus needs to deliver policy-relevant information in addition to scientific and research applications. Identifying such needs requires regular dialogues between the providers of the services and various types of user communities, in these areas. EEA can facilitate such dialogues and interactions, e.g. through organising and participating in relevant expert meetings and networks. The EEA needs to further review and elaborate how it might incorporate data and information from Copernicus services to improve the quality of its own products and services.

Main tasks

The EEA is looking for a seconded national expert with technical expertise in remote sensing to:

- Support the identification and articulation of the EEA and EIONET user needs for Copernicus monitoring services for improving the knowledge and evidence base for the EU environment and climate policy as well as the 2030 Agenda for sustainable development;
- Raise awareness and support the user uptake of Copernicus data and information services within EIONET;
- Support the collaboration between the EIONET network of EEA member and collaborating countries (national reference centres) and Copernicus services, including participation in EIONET workshops and the NFP EIONET working group on Copernicus;
- Support the EEA and EIONET on partnerships and networking for the coordination of the Copernicus in situ component;
- Liaise with the Copernicus service operators and relevant European and international networks to help ensure delivery of policy-relevant information, including attending expert meetings focusing on user needs;
- Contribute to the development and improvement of EEA indicators, assessment reports and information systems by identifying relevant applications and information from Copernicus services;
- Collaborate with the European Topic Centres (ETCs).

4. National Expert for Waste

Context

The 7th EAP identifies stepping up resource efficiency as one of its three key objectives to meet the 2050 vision of 'living well within the limits of the planet':

- to protect, conserve and enhance the Union's natural capital;
- to turn the Union into a resource-efficient, green, and competitive low-carbon economy;
- to safeguard the Union's citizens from environment-related pressures and risks to health and well-being.

The EU Action Plan for the Circular Economy aims to shift away from the linear 'take-make-consume-dispose' pattern of growth, towards a circular model that relies on maintaining the utility of products, components and materials and retaining their value in the economy. Its essence is reducing the dependency on extraction and import of raw materials, as well as the reduction of the environmental pressures from resource use. This will require changes across supply chains, including in product design, business models, consumption choices, and the prevention and management of waste. The EU Waste legislation is one its main policy drivers.

The EEA analyses material flows and waste statistics, hosts the European Reference Model for Waste, and produces related indicators and assessments. Policy progress is analysed in three parallel reporting series on waste management, waste prevention and resource efficiency. An overarching perspective is provided in annual circular economy reports and contributions to integrated assessments, such as the EEA's European Environment — State and Outlook 2020 (SOER2020). Analyses of selected policy aspects, such as monitoring concepts, environmental targets, market-based instruments and other intervention strategies are produced on a regular basis. Stakeholder interaction and capacity building related to these assessments is an important element of the work, with regular EIONET meetings and workshops with the national reference centres on waste and on resource efficient economy and the environment.

The role of the National Expert would be to support the EEA work regarding waste management and waste prevention in the period 2018-2021, and to reinforce EEA-Eionet interactions in these areas.

Main tasks

- To develop and maintain waste-related indicators and to contribute to EEA assessments in the areas of waste management and waste prevention;
- To support the hosting of the European reference model for waste, and to apply the model in bespoke ex-ante analyses;
- To coordinate discussions with and inputs from Eionet through annual NRC meetings and selected country visits;
- To contribute to networking with WHO, JRC, Eurostat, OECD and other international organisations to efficiently secure relevant data and indicators.

5. National Expert for Land use and territorial urban analysis

Context

The Agency seeks to further support the EU environmental, territorial and urban policies by improving the spatial information base. Urbanisation is a dynamic process e.g., urban land uptake was by far the highest land use change in Europe over the last decades with primary and secondary consequences for the environment. Following the multiple interlinkages of urban development drivers, the challenge is to develop broad integrated approaches across the different environmental topics (territorial footprints, urban/rural balances, resources use, exposures to pollutions). The position, therefore, is to coordinate land related data analysis, their integration and interpretation for spatial analyses, produce land use/cover assessments and indicators and support new forms of land data acquisition provided by Copernicus land service program.

Main tasks

- Contribute to urban/rural, land use and territorial analysis (e.g. green infrastructure) and manage EEA project Land and related resource efficiency;
- To lead on land cover analysis for individual EEA countries based on Copernicus land service products and support land accounting at European level;
- To contribute to land-related data acquisition and management and to development of the EEA thematic indicators in support to land system analysis;
- Together with internal and external partners advance the data integration, develop urban/rural typologies and indicators by compiling different European data sources on urban issues; this includes further develop the urban metabolism approach (exchanges with functional hinterland) as the systemic backbone of integrated territorial assessments;
- To apply QA/QC procedures for auditing data supply from countries, ETCs and contractors;
- To organise meetings, workshops and consultations with experts from across Europe (including the European topic centres), in support of the implementation of the above activities.

6. National Expert for Water management, diffuse sources of water pollution and hydro-morphology

Context

To coordinate data analysis in support of EEA water ecosystems assessments that contribute to the joint implementation of the EU water-related Directives (WFD, FD and other Directives), the 2020 Biodiversity Strategy and the Common Agricultural Policy. To undertake work on diffuses sources of pollution (primarily from agriculture) and hydro-morphology, and the nexuses between the water, food, energy and health domains. To contribute to information activities towards EEA stakeholders and the general public related to work areas in EEA multi-annual work program.

Main tasks

- To initiate and maintain the necessary networks and partnerships with key external institutional partners, such as the European Commission (DGs ENV, JRC, CLIMA, AGRI and Eurostat), UN bodies, as well as EEA member countries (Eionet) and stakeholders in the field of water policy and freshwater ecosystem services;
- To develop specific assessments related to environmental objectives, impacts, and measures and their relevance to ecosystem-based management and interactions with their economic and social dimensions such as the provision of food, energy and well-being, as well as with climate change adaptation;
- Further assess diffuse sources of water pollution and hydro-morphology, which are the key challenges to European's water quality through dedicated assessments that take into account ecosystem-based management, nature-based solutions and aspects related to green infrastructure;
- Contribute to addressing the nexuses between the water, food, energy and health domains and coordinate integrated and cross-cutting assessments that support the related policy processes;
- With regards to hydro-morphology, consider aspects linked to flood plain restoration, natural water retention measures, quality of riparian areas as habitat, impacts of dams, reservoirs and different types of hydropower installations and their influence on flow regime, water quantity management and structural changes in connection with navigation, riparian changes and dredging;
- To steer contributions from the relevant European Topic Centres e.g. on Inland, Coastal and Marine Waters, Biodiversity or Climate Change Impacts, Vulnerability and Adaptation, to the above assessments;
- Organise meetings and workshops with experts from across Europe (including the European topic centres), in support of the implementation of the above activities.

7. National Expert for EPA Network secretary

Context

The secretariat of the Network of Heads of European Environment Protection Agencies (EPA Network) is currently located at the European Environment Agency (EEA) in Copenhagen.

The National Expert who takes up the post of EPA Network secretary will be carrying out the main tasks described below and should fulfil the following candidate profile:

- The candidate for the post should have very good organisational and coordination skills. Running a secretariat means that the person in question should be strongly service oriented as well as having very good communication skills in written and spoken English;
- The candidate should have a good overview both of the wide range of environmentally relevant issues as well as of the diversity of the institutional set-up across Europe. The ability to work independently is very important as well as the capacity to take the network forward by reacting to changing conditions and supporting the development of new ideas;
- The candidate should ideally be at a stage of his/her career where he/she already has acquired the above mentioned skills, but at the same time can benefit from the experience he/she will gain from working within the European setting.

Main tasks

- To run the EPA Network secretariat;
- To coordinate the organisation of plenary meetings (bi-annual) of the EPA Network, together with the host agency and the Troika;
- To coordinate the work of the EPA Network Troika;
- To keep an overview of all Interest Group activities and provide assistance on practical issues such as participation, web support, correspondence and preparation of public statements;
- To support further targeted activities agreed upon by the EPA Network (e.g. surveys and ad hoc events);
- To maintain links with relevant European Commission staff and to ensure high level participation in plenary meetings;
- To act as an active information broker and issue-spotter, helping the Network to identify issues of common interest, for example through the production of a regular newsletter;
- To stimulate content aspects relevant to the EPA network;
- To further develop and maintain the EPA Network website;
- To maintain contact and cooperate with relevant networks, such as ENCA and IMPEL;
- To liaise with relevant EEA staff in identifying EEA input to the EPA Network;
- To manage EPA Network memberships and contacts.