



**Title:** Chemical impacts on human and environmental health in Europe

**Reference:** Negotiated procedure EEA/HSR/20/005

The European Environment Agency (EEA) is developing knowledge to support implementation of the forthcoming EU Chemicals Strategy for Sustainability and the Zero Pollution Action Plan. EEA's State and Outlook of the Environment Report 2020 ([SOER2020](#)) contains a chapter on chemicals which noted that the impacts of the majority of single chemicals on the market and of chemicals mixtures on human and environmental health have not been assessed. An overview of the total impacts of chemicals on environment and health is therefore neither available nor likely in the short-medium term. Nevertheless against this knowledge gap context, there is an established need for an up to date assessment to document the latest scientific understanding of the impacts that chemicals exert on Europe's environment and on human health.

**Type of contract:**

Service contract for a duration of five months from date of contract signature.

**Estimated value:**

The estimated maximum budget is EUR 70 000.00 (seventy thousand euros)

**Place of performance:**

At the contractor's premises.

**Description of the services to be procured:**

The objective of this request is to prepare a summary assessment of available evidence of the impacts that chemicals have on human and environmental health in Europe.

Regarding human health, the objective is to assess and consolidate multiple lines of evidence of impacts of human exposure to chemicals via the ambient and indoor environment, diet, drinking water and consumer products. This will involve combining up to date evidence from hazard assessments with evidence of human exposure to chemicals in Europe, as well as summarising epidemiological evidence of the impacts of chemicals on human health.

Regarding the environment, the objective is to produce a condensed summary of established evidence concerning the impacts of chemicals on the following dimensions:

- Aquatic ecosystems, including evidence of impacts on specific species and overall ecosystem structure and function for both marine and freshwater waterbodies;
- Land ecosystems, including evidence of impacts on specific species and on ecosystem structure, in terms of populations and biodiversity, and function;
- The quality and delivery of ecosystem services, including regulating, provisioning and cultural ecosystem services.

When reporting evidence of impacts on both environmental and human health, the reliability of the causality (strength of evidence) between chemical occurrences (exposure) and impacts should be assessed.

The principle output from the project will be a summary assessment (report) of the current evidence base, rather than a detailed scientific assessment of the different studies and their methodologies. It should draw overarching policy-relevant conclusions regarding the scope and severity of current chemical impacts on environment and health in Europe.

**Scheduled starting date of contract (indicative):**

15 September 2020

**Registration of interest:**

Interested candidates shall register their interest **by email to:** [procurement@eea.europa.eu](mailto:procurement@eea.europa.eu) **by 31 July 2020** at the latest, quoting the title and reference number of this negotiated procedure in the subject field of the message and providing the following information:

- Name (of individual or organisation/company)
- Address (of individual or organisation/company)
- Contact person
- E-mail
- Description of main area of business / expertise (max. 500 words)

Your personal information above will be processed solely for the purpose of this negotiated procedure in accordance with the rules set in Regulation (EU) 2018/1725 on the protection of natural persons with regard to the processing of personal data by the EU institutions, bodies, offices and agencies and on the free movement of such data <sup>(1)</sup>. For more information on the processing of tenderers' personal data, please refer to the privacy statement on the EEA website <https://www.eea.europa.eu/about-us/tenders>.

**Description of the tendering procedure:**

On the basis of the pre-assessment of the information provided, the EEA will draw up a list of the most suitable candidates and will forward to all or some of them (at least five candidates) by e-mail an invitation to submit a tender in accordance with the tender specifications by a set deadline. The tenders submitted will be evaluated in accordance with the criteria specified in the tender specifications. During the negotiation phase after the submission of the tenders, selected candidates may be requested to adapt their tender to the requirements set in the tender specifications in order to find the solution offering the best value for money.

Candidates shall note that registration of interest to participate in the above-mentioned procedure entails no obligation on the part of the EEA to send an invitation to candidates or to award them a contract. Please note that no replies will be sent to unselected candidates.

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<sup>(1)</sup> OJ L 295 of 21.11.2018 page 39.