



Title: Feasibility study on using machine learning/artificial intelligence to map the distribution of habitat types listed under Annex I of the EU Habitats Directive

Reference: Negotiated procedure EEA/NCE/21/005

The EEA currently manages multiple data flows related to the reporting and assessment of ecosystem and biodiversity status and condition of both the terrestrial and marine environments. The purpose of the proposed contract is to explore the feasibility of mapping the distribution of habitat types listed under Annex I of the EU Habitats Directive using artificial intelligence/machine learning.

Type of contract:

A service contract beginning from the date of signature, with a duration of 6 (six) months.

Estimated value:

Maximum EUR 60,000 excluding VAT.

Place of performance:

At the contractor's premises.

Description of the services to be procured:

The purpose of the proposed contract is to:

- 1) deliver high-resolution maps of selected habitat types (to be agreed upon with the EEA),
- 2) explore the feasibility of producing high-resolution maps for habitats at the EU scale using artificial intelligence/machine learning,
- 3) analyse the different artificial intelligence/machine learning techniques available to generate such datasets,
- 4) suggest production workflow(s) to integrate processing and final results into EEA's IT infrastructures.

Scheduled starting date of contract (indicative):

29 October 2021

Registration of interest:

Interested candidates shall register their interest **by email** to: procurement@eea.europa.eu **by 26/09/2021** 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 ⁽¹⁾. 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 three 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.

(1) OJ L 295 of 21.11.2018 page 39.