



Title: Provision of a study on modelling the renovation of buildings in Europe from a circular economy and climate perspectives

Reference: Negotiated procedure EEA/HSR/21/001

The European Environment Agency (EEA) is planning to undertake a modelling exercise for the renovation of European buildings for the purpose of estimating circularity and climate benefits from the application of circular renovation actions.

The EU's Circular Economy Action Plan, launched in March 2020, aims at facilitating the EU's transition to a circular economy, where a new, regenerative growth model that gives back to the planet more than it takes is established, through its resource consumption within planetary boundaries and the minimisation of waste generation and pollution¹. The Action Plan details a number of policy initiatives to be undertaken by the European Commission in order to facilitate this transition, addressing all stages of the life cycle of goods and services related to the EU's economy. Moreover, the Action Plan identifies a number of key value chains that have the highest potential for delivering on the circular economy objectives, one of which is the construction and buildings value chain. However, given the very slow change of the European building stock, opportunities for building circularity lie mainly with the renovation of existing buildings.

This study aims at supporting the EEA in understanding the circularity benefits from transforming the current European building stock into a more circular status through renovation activities. In addition, the study shall translate the circularity benefits into climate benefits aiming at harnessing synergies between the two policy agendas. These objectives can be reached by modelling the current European building stock, its transformation through circular renovation activities and the resulting climate benefits through a life cycle thinking.

The purpose of this contract is to identify and select a service provider that has experience in and/or understanding of:

- The current circular economy and climate policy frameworks
- Modelling of building stocks in a given geographical area
- Estimating circular economy benefits mainly in terms of resource savings and improved waste management, including waste prevention
- Tools, methodologies and databases necessary to estimate climate benefits from building modelling
- Developments of action plans or roadmaps for prioritising action towards specific policy objectives

Type of contract: Service contract for a maximum period of 8 (eight) months starting from the date of signature.

¹ https://ec.europa.eu/environment/circular-economy/pdf/new_circular_economy_action_plan.pdf

Estimated value: Maximum EUR 60,000.00 excluding VAT

Place of performance: At the contractor's premises.

Description of the services to be procured:

The future contractor shall provide a report and/or separate articles tailored towards the description of the foreseen services, approximately 60 pages in total, including charts and graphics suitable for use in EEA publications. Furthermore, the contractor shall deliver:

1. the developed European building stock model in an open-source format;
2. the database developed and used for the modelling of the current building stock and the renovation actions.

Scheduled starting date of contract (indicative): 30 June 2021

Registration of interest:

Interested candidates shall register their interest **by email to:** procurement@eea.europa.eu **by 30/05/2021** 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 data². 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.

² OJ L 295 of 21.11.2018 page 39.