



EUROPEAN COMMISSION

DIRECTORATE-GENERAL FOR COMMUNICATIONS NETWORKS, CONTENT AND TECHNOLOGY

Future Networks
Cloud and Software

Brussels, 15 May 2019
CNECT.E.2/DVR

TO WHOM IT MAY CONCERN

Subject: Request for participation in the preparation of a study on “*Energy-efficient Cloud Computing Technologies and Policies for an Eco-friendly Cloud Market*”.

Dear Madam/Sir,

The European Commission recently commissioned a study to assess the current and future energy consumption and state-of-the-art of cloud computing services in Europe. The objectives are to propose recommendations for energy-efficient cloud computing, particularly in relation to future research and development, Green Public Procurement and market policies.

The study consortium is led by the Environment Agency Austria (Umweltbundesamt GmbH), in cooperation with the Borderstep Institute for Innovation and Sustainability based in Germany. The work will last 14 months and is expected to finish in early 2020. It contains several tasks, notably:

- analysis and forecast of the energy consumption of cloud computing data centre infrastructure across the EU Member States;
- identification of key technologies for energy-efficient cloud computing services (including edge computing, networks, hardware and software) and develop a roadmap for future research and development;
- review of EU schemes, national approaches and best practices for Green Public Procurement that could be relevant for the procurement of cloud computing services;
- identification and assessment of policy measures to stimulate the provisioning of energy-efficient cloud computing services, and develop recommendations for future policy development.

Collecting information from stakeholders is a crucial part of the study. To that end, the contractors will contact relevant stakeholders across the EU Member States to gather evidence-based information relevant to the objectives of the study.

We would greatly appreciate your participation and cooperation to support this process, by contributing to questionnaires, interviews and stakeholder workshops, to enable high-quality analyses and recommendations.

If you have any questions regarding this study, please contact Mrs. Corina Dominko (corina.dominko@umweltbundesamt.at), or Mr. Simon Hinterholzer (hinterholzer@borderstep.de).

Thank you in advance for your cooperation.

Yours faithfully,

Dr. Dirk VAN ROOY
Head of Sector