



EUROPEAN COMMISSION
DIRECTORATE-GENERAL FOR COMMUNICATIONS NETWORKS, CONTENT AND
TECHNOLOGY

Future Networks
Cloud and Software

Brussels, 10 January 2020
CNECT.E.2.001/APA

Subject: STUDY ON “Mapping Data Flows” SMART 2019/0010

The European Commission, DG CONNECT appointed Valdani Vicari & Associati (VVA) and Tech4i2 to undertake a study on “Mapping Data Flows”.

The overall objective of the study is to provide an interactive mapping and analysis of data stock and flows within and across EU Member States and EFTA countries.

Key study tasks include:

1. The development of a thorough and valid typology of data (e.g. industrial, sectorial, metadata, aggregated data) and data flows (e.g. back-up, edge flows, cross-border, intra-company and cross public administrations).
2. The development of a solid and reusable data collection and analysis methodology for gathering empirical evidence on a) data amount, type, location of data stored in cloud infrastructures and; b) data flows from one cloud infrastructure to another including edge and central ones.
3. An inventory of current volume, type and geographical location of data stored and flows within cloud infrastructures (including privatecloud and edge) across each and among Member States and the EFTA countries.
4. The provision of an online, interactive mapping tool of current data flows.
5. A methodological report to enable self-sustained monitoring of data stock and flows over the years
6. Final study report synthesising the factual findings in terms of mapping data flows and stock.

The study will be carried out through literature review, desk research, consultations with experts on measuring data stock and flows to ultimately identify relevant proxies and map existing data stock and flows across the EU and EFTA countries.

Data and feedback provided by consultees are essential to the success of the study. I would therefore be grateful for your help in providing any information requested by VVA and Tech4i2, as well as any other assistance you can give them to facilitate their work. Please note that the study team is required to treat all information in confidence.

If you have any questions, please contact Luena Collini at VVA (l.collini@vva.it) or Alexandra Paul at the European Commission (Alexandra.paul@ec.europa.eu).

Thank you in advance for your co-operation.

Yours sincerely,

Pierre CHASTANET
Head of Unit