

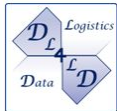


# Data Logistics for Logistics Data

## ICT-Open track proposal

DL4LD meeting, 30 November 2022

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# ICT-OPEN track proposal title?

A few titles were proposed for the theme:

- *Sovereignty in the Digital World*
- *Data Mobility and Sovereignty/Cloud.*

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A few days ago I was invited as an expert to consultation workshop on EU AI Testing and Experimentation Facilities (TEFs) for the Public Sector..

# ICT-OPEN track proposal 1/3

Technology continuously provides new instruments for people, business, and governments, and in doing so it may radically transform their activities, interactions, and relationships. However, the fact that there is an instrumental possibility to perform a certain task it does not entail that this task will satisfy **societal sustainability criteria**. For achieving so, ***instrumental possibility needs to confront dimensions as legality and legitimacy***, which affect the whole computational infrastructure.

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# ICT-OPEN track proposal 2/3

The debate concerning data sovereignty at national, organizational, and individual levels can be traced back to two distinct, but interrelated dimensions:

- a **policy design** problem: what type of policies/governance structure would adequately satisfy legality and legitimacy requirements?
- a **policy engineering** problem: how these policies/governance structure can be realised and made operational in the computational realm?

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Policies do not concern only AI artefacts, but also **data management and data governance**, as well as interfaces (as points of interventions), that should guarantee **usability and controllability** to the relevant stakeholders.

# ICT-OPEN track proposal 3/3

For this reason, the ICT.OPEN track on "Digital sovereignty" welcomes works from researchers and practitioners contributing to one of these categories:

- ***technical toolbox***: reusable components and interoperable infrastructures and resources for enabling policy specification at various levels of abstraction (eg. policies derived from norms, data sharing agreements, cloud service policies, routing policies, ...) and/or operationalization (eg. for cloud services, for data sharing, for AI modules, ...)



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- ***regulatory toolbox***: interpretations of standards, regulations, guidelines and best practices (to be) translated to computational means;
- ***social practice toolbox***: visualization and control interfaces providing actionable intervention points; case studies of applications empowering users.

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A simpler one: **Digital Sovereignty?**



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