

IOTWeek

Dublin — June 20-23, 2022

Shaping and standardising the Global Integrated Data Space

GLOBAL VISION:

IoT TODAY AND BEYOND

IOTForum

Motivation and objectives

In this session we will discuss:

- the main characteristics of the emerging **global integrated data space** (GIDS)
- the **state of current** data practices,
- the **challenges to overcome**
- **initial solutions** that may lead us to this GIDS
- Role of **standards**

Data is seen as the modern oil for driving economy and indeed several major actors (global companies, rich countries) are working on strategies of how to define the evolving data space, investing considerable sums of funds in data projects (Gaia-X, EOSC, NSF, etc.) and see the increasing importance of standards [1]. While some foresee a huge transformation due to the ubiquitous digitisation in all domains of life and therefore speak about the next revolution [2], others rely on evolutionary developments focusing on continuous improvements of end user functionalities. IoT is not only part of this transformation but one of its key drivers with its billions of smart devices deployed everywhere. These devices not only communicate amongst each other, but also create endless streams of data to be managed and processed.

We are moving towards a global integrated data space which enables researchers, companies and other actors to easily find, access, integrate and reuse (FAIR) data. Highly efficient data operations, nevertheless adhere data sovereignty, are of relevance for getting deeper insights to sustain life circumstances and to create new opportunities for data economy. In this respect the EU speaks about the creation of a single data space which is a single genuine data market open to data across the world. It is an urgent demand to remove barriers and to improve our capabilities to find “weak patterns” in large “data lakes” using machine-based mechanisms.

Shaping and standardising the Global Integrated Data Space: Call for collaboration

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FAIR DIGITAL OBJECTS  FORUM

Data Spaces Business Alliance

Unleashing the Data Economy



EUH40

EUROPEAN FEDERATION OF
DATA DRIVEN INNOVATION
HUBS

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Ana García Robles
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Moderator



George Strawn
FAIR Digital Object
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Peter Wittenburg
(FDO Forum
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Stefan Weisgerber
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Malte Lochau
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Thank you!

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