

# Digitalized data sharing strategy for decreasing administrative burden– how data spaces will be utilized in Digi4Live project

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# Digi4Live in a nutshell

- Coordination and support action
- 16 partners
- Funded by the European Union
- Multi-actor approach and 6 pilots, where concepts for data use are created together with the stakeholders
- The ultimate goal of Digi4Live is to add value to data.

# Technologies and concepts to be used across Digi4Live activities



## Evidence-based approach and co-creative demonstrations

### Case studies



Lack of data harmonisation, standardisation & interoperability

Deficiency of solutions for tracking, health, policy monitoring

Narrow technology use



Insufficient collaboration between actors

Need for public-private synergies



# The European Strategy for data at a glance



The **European Strategy for data** (2020) aims to make the EU a leader in a data-driven society.



The **Data Governance Act** (2020) facilitates data sharing across sectors and Member States.



The **Data Act** (2022) clarifies who can create value from data.



Ten **European common data spaces**, ranging from industry to mobility, from European Green Deal to energy and health.



## Benefits of the Data Act

Consumers and businesses generate data by using products and services. With the Data Act, they will benefit from:

- ◆ **Cheaper prices** for aftermarket services and reparation of their **connected objects**.  
*A factory robot breaks down.*



### TODAY

Only the manufacturer can access the data, leaving no alternative for the company but to call them for repairing.

### TOMORROW

The user could request that a repair service that may be cheaper also gets access to the data.

- ◆ **New opportunities** to use services relying on access to this data.  
*A farmer has equipment from different manufacturers (tractor, automatic irrigation system).*



He cannot outsource the data analytics of its different equipment, the data is locked with each manufacturer.

He could receive customised advices from a company gathering data from the different equipment.

- ◆ **Better access** to data collected or produced by a device.  
*A bar owner wants to serve better coffee, and the coffeemaker company wants to improve its product.*



Only the company can access the data produced by the machine to design the next generation of coffeemakers but the bar owner cannot access information such as the quantity and temperature of water or coffee strength.

The Data Act clarifies that both parties can access all data collected by the machine.



Funded by the European Union



<https://digital-strategy.ec.europa.eu/en/library/data-act-factsheet>

# European Data Spaces state of play

## Agriculture

- Several commercial operators with early adoption from the companies
- Several European projects with pilots
- Work to link data between operators to form European Data Space for Agriculture
- A lot of work needed to understand the value, standardize and harmonize data etc.

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## Commission awards €41 million contract to develop infrastructure for Common European Data Spaces

### Rollout of Common European Data Spaces

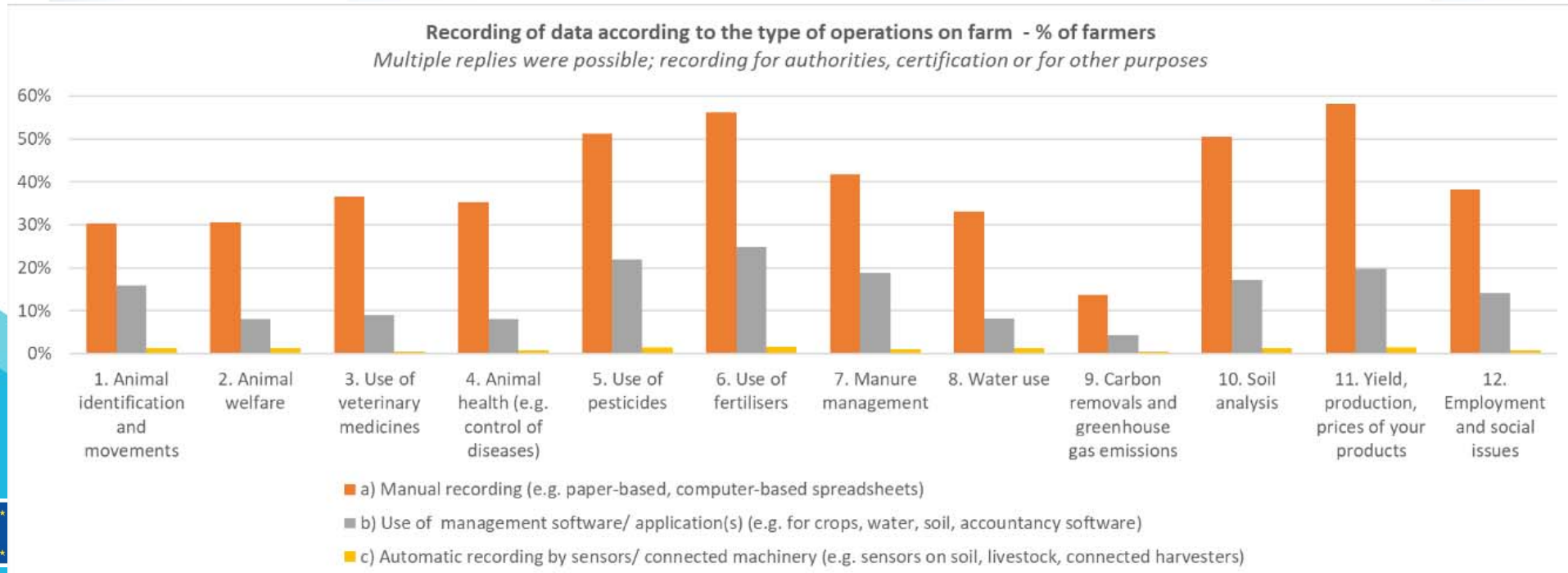
Common European Data Spaces are currently being developed across 14 sectors/domains. Additional updates (including links) will be published when they become available.

**Agriculture** [AgriDataSpace](#), [Divine](#), [CrackSense](#), [ScaleAgData](#), [AgDataValue](#),  
4Growth, Dig4Live

# Policy monitoring, policy impact and administration

- **Problem** → too much resources both from the farmers and public administration to monitor agriculture and rural policies

[eu-cap-network-presentation-3rd-csp-subgroup-simplification-dg-agri.pdf \(europa.eu\)](https://ec.europa.eu/agriculture/eu-cap-network-presentation-3rd-csp-subgroup-simplification-dg-agri.pdf)



# Policy monitoring, policy impact and administration

•**Solution** → data sharing strategy using data spaces involving farmers, processors, technology suppliers and authorities will be developed

## Step 1 – data review and expert consultations

Review on data reported by farmers to authorities

Review on data available in farm management systems

Sensor information e.g. milk records, barn microclimate, silage yield maps



# Policy monitoring, policy impact and administration

- **Step 2** – A data space based on IDSA standards will be setup and tested in collaboration with thematic expert groups.
- **Step 3** - The data space will be used to solve issues with data interoperability, technical implementation of data access rights and data proofing (e.g. using blockchain technology) on sample data from dairy and pig industry.
- **Step 4** - validation in EU-wide workshops involving competent authorities of all EU member states and the key commission units and farmer representatives from selected countries.

ICAR work connection - How the ADE standards fits this use case?



# Co-creation Strategy



## Thematic Expert Panels for Co-Creation

01

**TEP-I**

data  
interoperability  
&  
standardisation



03

**TEP-R**

societal,  
regulatory &  
legal issues



02

**TEP-T**

state-of-the-art  
digital tools &  
technologies



04

**TEP-S**

data sharing &  
exploitation



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# Thank you!

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