



# 10 01 LAKES

From Potato-X to  
Common European Agricultural Data Space

Data Spaces Alliance Finland, 19.6.2024  
Marko Turpeinen

# Potato-X



**ILVO**  
Flanders research institute for  
agriculture, fisheries and food

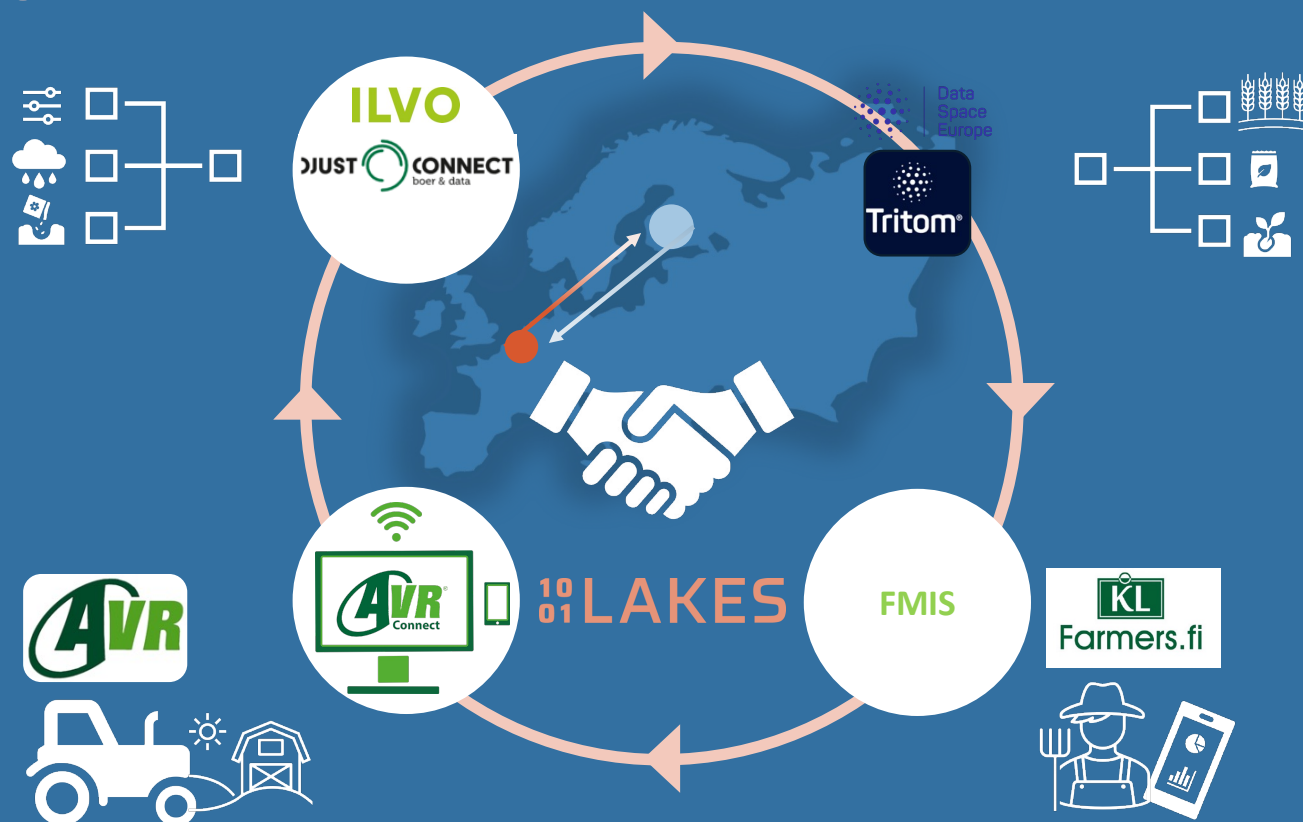


DataSpace  
Europe

**KL**  
Farmers.fi

**10 LAKES**

# POTATO-X





## End-to-end permissioned data flows

**JUST CONNECT**  
better & data

How does it work? For whom? Getting started News Who are we? Contact




LOGIN


# DjustConnect makes data sharing safe and efficient, with respect for farmer and horticulturist

For everybody in the agricultural food chain, we provide access to available data in a correct way. By feeding data to smart applications administration gets easier and advice tools get more accurate.

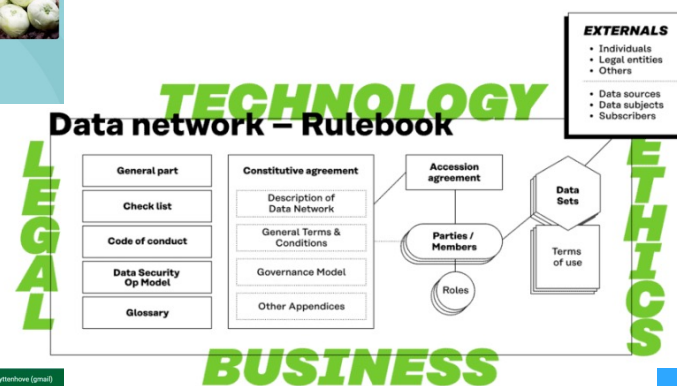
Discover the available data in our ConnectShop

TO THE CONNECTSHOP



The screenshot shows the top navigation bar of the Triton website. The bar is dark blue with the Triton logo on the left. The navigation links are 'Homepage', 'Triton', 'About us', and 'FI EN'. The 'Triton' link is highlighted with a dropdown menu. The dropdown menu contains the following items: 'Triton Data Intermediation Service', 'Triton Essential for Data Producers', 'Triton Enterprise for Service Providers', and 'Pricing'. Below the navigation bar, there is a large image of a person wearing a hooded jacket, and text describing the service as a reliable data intermediation solution that complies with EU requirements.



**Our solution**

### Triton – available now!

Triton - the data intermediation service now connects Finnish food industry operators all the way from agriculture to retailers and consumers.

With the new power of collaborative data, we are improving the operating opportunities for all industry players in a revolutionary fair way.

[See more](#)




Figure 1 shows two mobile phone screens displaying the Hakala Riihipeitto 5A 2023 mobile application. The left screen displays the 'Tapahtumat' (Events) section, listing various events such as 'Hakala Riihipeitto 5A 2023' and 'Hakala Riihipeitto 5A 2023'. The right screen displays the 'Lohikavalu' (Loose Stone) section, showing a map of the area and a list of stones including 'Hakala Riihipeitto 5A 2023' and 'Hakala Riihipeitto 5A 2023'.

10  
01 LAKES

## POTATO-X: GOALS and KEY LEARNINGS



**Improved potato farming yield** based on farming machinery data resulting a commercially driven pilot service. → *Value for farmers: 2k€ yearly profit / farm.*



**Inter data space governance** using Sitra rulebook model, data usage policies and automated data contracts. → *Governance model developed and automated contracting piloted.*



**Cross-border data sharing** and interconnectivity between Tritom and DJustConnect. → *Technical DISP connection implemented successfully.*



**EU-level showcase** with a pilot service implementing automated smart contracts between parties. → *Showcased the implementation of EU Data Governance Act (DGA) and EU Data Act (DA) in practice*

# Common European Agricultural Data Space (CEADS)

## Why?

New **value creation** and **operational efficiencies** for European agri-food stakeholders by exploiting available data.

## How?

Creating a network of **interoperable data sharing initiatives** with business models in data economy, responsible data sharing, digital inclusiveness, integrative artificial intelligence and cross-sectoral integration. The **decentralized approach** will reduce the complexity to ensure an easy onboarding for **public and private stakeholders** in the value chain. The **interest of farmers** will build the center of gravity of this approach.

## What?

**Develop guidelines for a data space** that can be adopted by public and private sectors participants in an easy way. Define procedures to explain and implement **legal, technical and governance** issues. Support actors and organizations that facilitate and monitor the adoption of the guidelines.

# Scenario for CEADS structure

European Agri Data Space

Other European Data Space

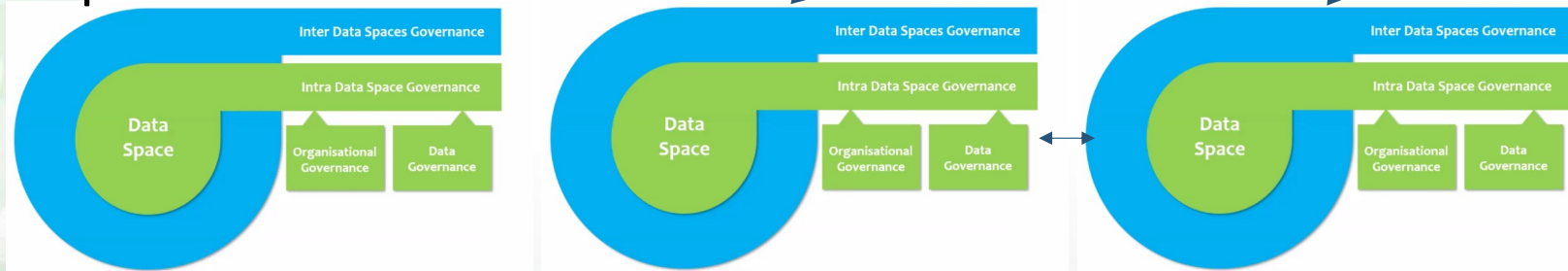
International Agri Data Space

Macro  
level



Data Space Initiatives

Micro  
level



# Planned next steps for Potato-X in Common Agricultural Data Space (CEADS) project

## Enhancing Machinery Data Sharing Across Europe (Use Case)

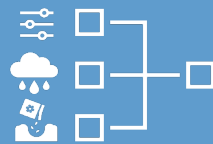
**ILVO**  
Flanders Research Institute for  
Agriculture, Fisheries and Food

**Luke**  
LUONNONVARAKESKUS

**RISE**  
Research Institute of Sweden

**AEF**  
AGRICULTURAL INDUSTRY  
ELECTRONICS FOUNDATION

**CEMA**  
European Agricultural  
Machinery Association



**Data Space Europe**

**PSNC**

**agdatahub**

**RUOKAVIRASTO**  
Livsmedelsverket • Finnish Food Authority



**LAKEs**



# ILVO kicks off the first transnational agrifood Data Space

18/06/2024

Bridge between DjustConnect (Flanders - ILVO), Agdatahub (France), and Tritom (Finland – DataSpace Europe & 1001 Lakes)

For the first time, data-sharing platforms active in the agri-food sector are building a digital bridge to facilitate international data flows. This is a solution to problems that have arisen for farmers and businesses across Europe. It involves 3 data sharing platforms: DjustConnect from Belgium (Flanders), Tritom from Finland, and Agdatahub from France.

On June 18, 2024, the three parties signed a Memorandum of Understanding in Melle, Belgium. In this document, they commit to using the first successful interregional data flows as a foundation to support more cases, sectors, and data-driven companies across borders. They aim to develop a European Agricultural Data Space with efficient and fairly regulated connections between the platforms. ILVO is involved in Flanders.



