

The IOXIO logo consists of the letters 'I', 'O', 'X', 'I', and 'O' in a stylized, white, sans-serif font. The 'X' is formed by two intersecting lines, and the 'O's are solid circles.

Industrial data operator

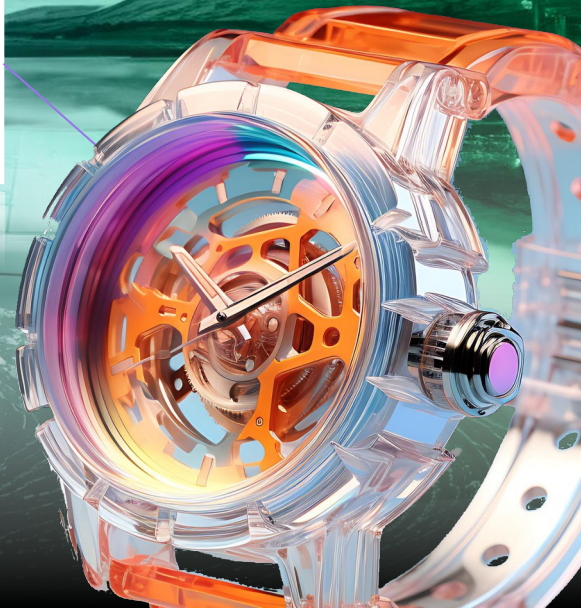
Supercharge your  
supply chains with data

### Manufacturing carbon footprint

PRODUCT CODE  
200041

Manufacturing location  
Finland

Pre-production footprint:  
1350 kg CO<sub>2</sub>e / kWh



# EU compliant data intermediary service

Do not copy your  
data - share it  
with IOXIO DSaaS

IOXIO delivers the future *Data Sharing as a Service* already today.

Do not copy the data - just share  
it securely and without costly IT.

No lock-ins - use any system you  
have with industry standards.

The screenshot shows the IOXIO website interface on a MacBook Air. The top navigation bar includes 'Hello Marie', the IOXIO logo, and links for 'Data sharing', 'Digital Product Passport', 'Developers', 'Support', 'Partners', 'Resources', 'About IOXIO', and language/region settings. A left-hand navigation menu lists 'Search by regulation' (EU Green Deal, EU Digital Strategy, EU Single Digital Market), 'Data categories by topic' (Climate, Built-up environment, Industrial manufacturing, Banking and finance, Health care), and 'Help & Settings' (Your Account, English, United Kingdom, Customer Service, Sign Out). The main content area features a large banner with the text 'There is a regulation tsunami coming' and 'SCOPE3' in large white letters. Below the banner, it states '-204 days to comply with CSRD' and 'Are you already delivering data with your products?'. Two columns of text follow: 'Solve your emissions data sharing worries!' with a 'Start sharing' button, and 'Link your products and customers with all the data' with a 'Digital Product Passport' button. The right column also includes a QR code and a smartphone displaying a 'BATTERY' digital product passport interface.

# Domains and use cases we are working on

## Manufacturing industry

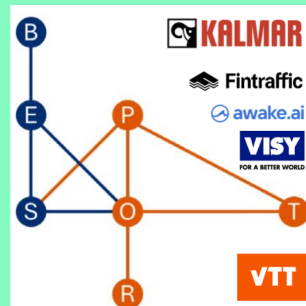
**SIX**  
Sustainable  
Industry X

**SANDVIK**

**KALMAR**

**VALMET AUTOMOTIVE**

## Port, logistics and global trade



**SSAB** + their  
logistics  
partners  
**Orkla**

## Public sector

VIRTUAL FINLAND



**Maahanmuuttovirasto**  
Migrationsverket  
Finnish Immigration Service

**VERO**  
SKATT

**StaffPoint**

**DIGI- JA**  
VÄESTÖTIETO-  
VIRASTO

**Elinkeino-, liikenne- ja**  
ympäristökeskus

**OP**

**GOFORE**

## Textile industry

**CIRPASS<sup>2</sup>**  
Digital Product Passport

# CIRPASS-2



- EU lighthouse project for the development and deployment of the DPPs at scale
- Project objectives
  - Deploy and validate at scale and in real-life setting Digital Product Passports in four target value chains
    - Textiles
    - Electronics
    - Tyres
    - Construction
  - Demonstrate cross-pilot interoperability
  - Provide support to SMEs in their uptake of DPPs. Support the deployment of DPP-as-a-Service
  - Support the deployment and adoption of DPPs by other sectors targeted by upcoming European regulations and beyond

Coordinated by  
CEA (French  
Alternative Energies  
and Atomic Energy  
Commission)

May 2024-  
April 2027

49+ participants

# CIRPASS-2 lighthouse pilots – WP3



## Textiles

IOXIO Workwear pilot

KEZZLER

ECN

atma.io

mattressID

scantrust:

## Electronics

Arçelik

Digital Data Chain Consortium

whattio

OBADA

ecol|wise

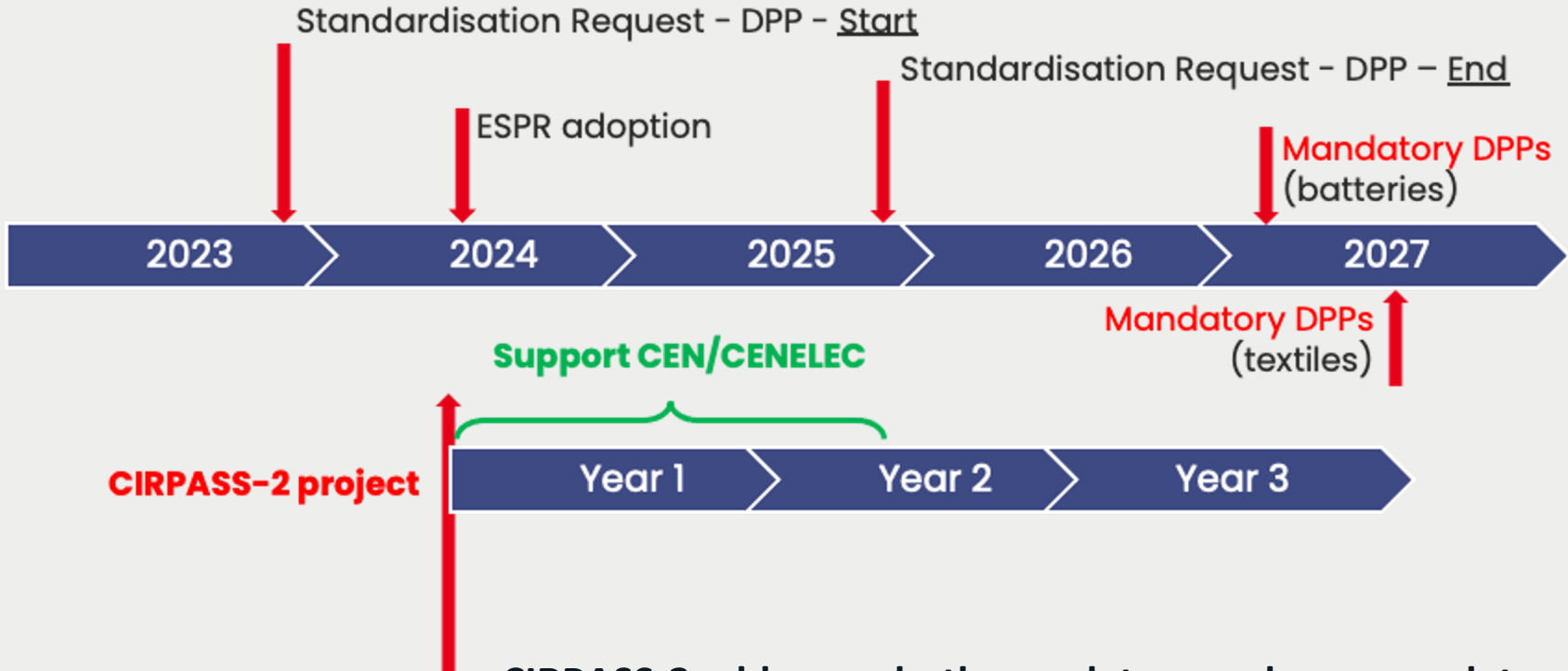
## Tyres

MICHELIN

## Construction

cobuilder  
CONNECTING CONSTRUCTION TO  
ITS DIGITAL TOMORROW

# DPP system standardization & CIRPASS-2



CIRPASS-2 addresses both mandatory and non-mandatory DPPs

# Getting the data from the entire value chain into DPP



# The pilot ecosystem currently onboard

## MANUFACTURERS AND WORKWEAR SERVICE PROVIDERS



+ other manufacturers that will be announced in the [CIRPASS-2 website](#)

## REPAIR AND RECYCLING SERVICE PROVIDERS



+ other service providers that will be announced in the [CIRPASS-2 website](#)

## Building the textile DPP community with a Nordic reach



FINNPASS

## Building DPP solutions with

Tag providers

ESG and IT system providers

Contributing to





ioxio.com

IOXIO

ioxio Ltd  
est 2012 in Helsinki, Finland

**Henna Suomi**  
COO, standardization lead

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### Manufacturing carbon footprint

PRODUCT CODE  
200041

Manufacturing location  
Nokia, Finland  
Pre-production footprint:  
1350 kg CO<sub>2</sub>e /  
kWh



### Tyre Digital Product Passport

SERIAL NUMBER  
440014A002A

Manufacturer  
Nordic Tyres  
Country of manufacture  
Finland  
Manufacturing date  
04052024

### Tyre Euro 7 certificate

PRODUCT CODE  
200041

PO<sub>2</sub>a NO<sub>x</sub> + NMHC  
75b  
Particulate matter (PM)  
2  
Carbon monoxide (CO)  
400



Selected and graduated in CDL as one of the championing innovations that promise ground breaking transformation for the society



Selected as the most innovative data driven solution from Finland by the Finnish Innovation Fund, Sitra in Dec 2023



Selected pilot member of EU DPP Lighthouse CIRPASS



Founding member



Member of European industrial and human centric data sharing associations

IOXIO