



## **Findings from Plooto project**

Kostas Kalaboukas, Maggioli SpA

ICCS Event on Digital Product Passport & Tracing

Athens, 14 November 2024

## Our numbers

3,0

THOUSANDS  
Maggioli's people

Employees and  
Collaborators



43%  
Women



57%  
Men

### CUSTOMERS

72 %  
Public  
Sector

28 %  
Private  
Sector



€

318

86

% business  
Digital  
Transformation

### MILLIONS

consolidated revenue  
2022

14

% business  
Digital Publishing

+60

Italian and  
International  
branches

95

%  
Italian  
revenue

61% North  
20% Centre  
19% South and Islands

5

%  
Europe and Latam  
revenue

- Italy
- Spain
- Greece
- Belgium
- Colombia

+17 %  
revenue VS 2022

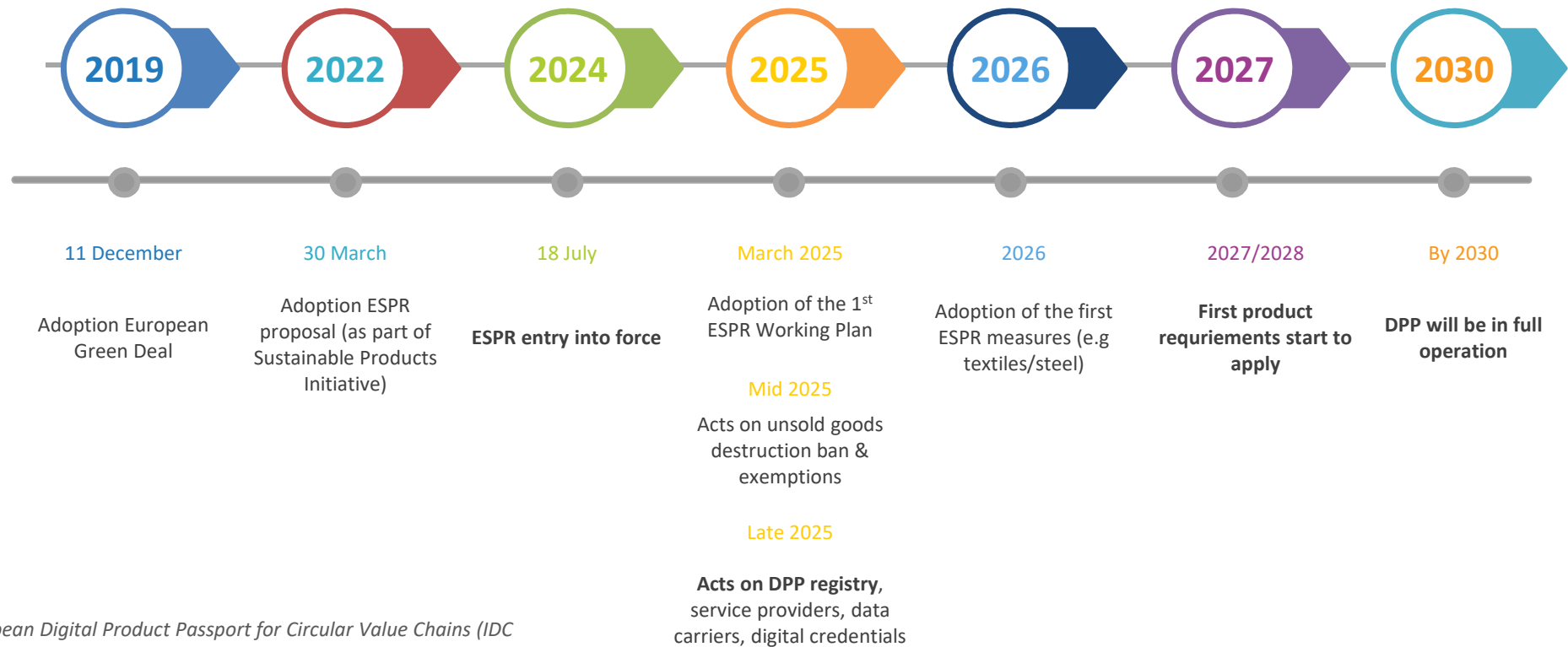
# Digital Product Passport (DPP)

The DPP aims to **enhance transparency** across product value chains by providing **comprehensive information** about each product's origin, materials, environmental impact, and disposal recommendations

*Source:* EU's Digital Product Passport: Advancing transparency and sustainability, 27 Sep 2024

<https://data.europa.eu/en/news-events/news/eus-digital-product-passport-advancing-transparency-and-sustainability>

## EU implementation timeline



Source: European Digital Product Passport for Circular Value Chains (IDC #EUR151647524, July 2024)

## Generic DPP structure

### Passport profile

id, name...

### Product Characteristics

- Model ID, type
- Ingredients and metrics (metrics)
- ...

### Sustainability Metrics

- % of renewable materials
- CO2 Footprint
- ....

### Compliance declaration

Compliance to norms/ legislation, etc.

### Circularity Policies

- How to recycle, repair, refurbish
- ....

### Other Descriptive info

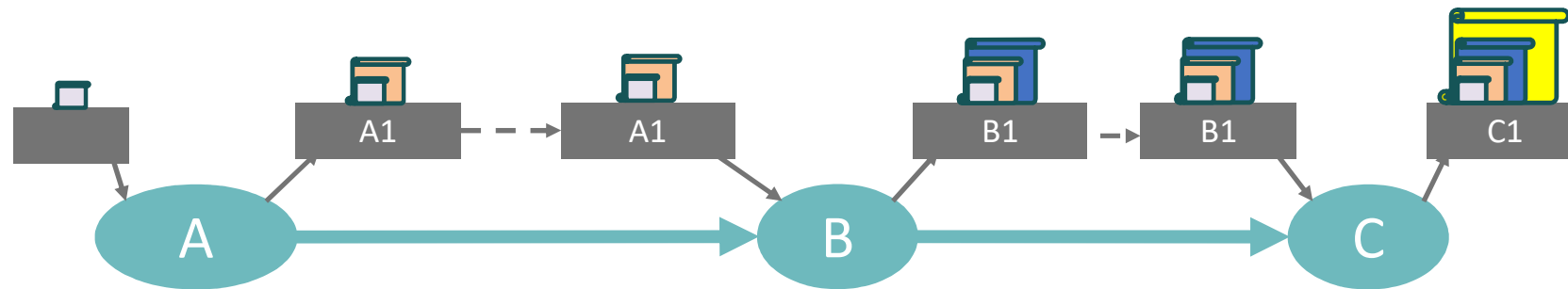
- Data coverage
- ...

### Disclaimers

Source: Plooto project

[www.plooto-project.eu](http://www.plooto-project.eu)

## DPP info sharing in the supply chain



*Business agreements:*  
what to include in the DPP?

*Data collection and harmonization*  
How do I aggregate data?

*Information sharing*  
Who has access to data?



## DPP pilot cases: 3 circular supply chains

Waste magnets transformation into magnetic pellets for magnetic products



Transform prepreg into carbon fiber reinforced polymer (CFRP) for drones

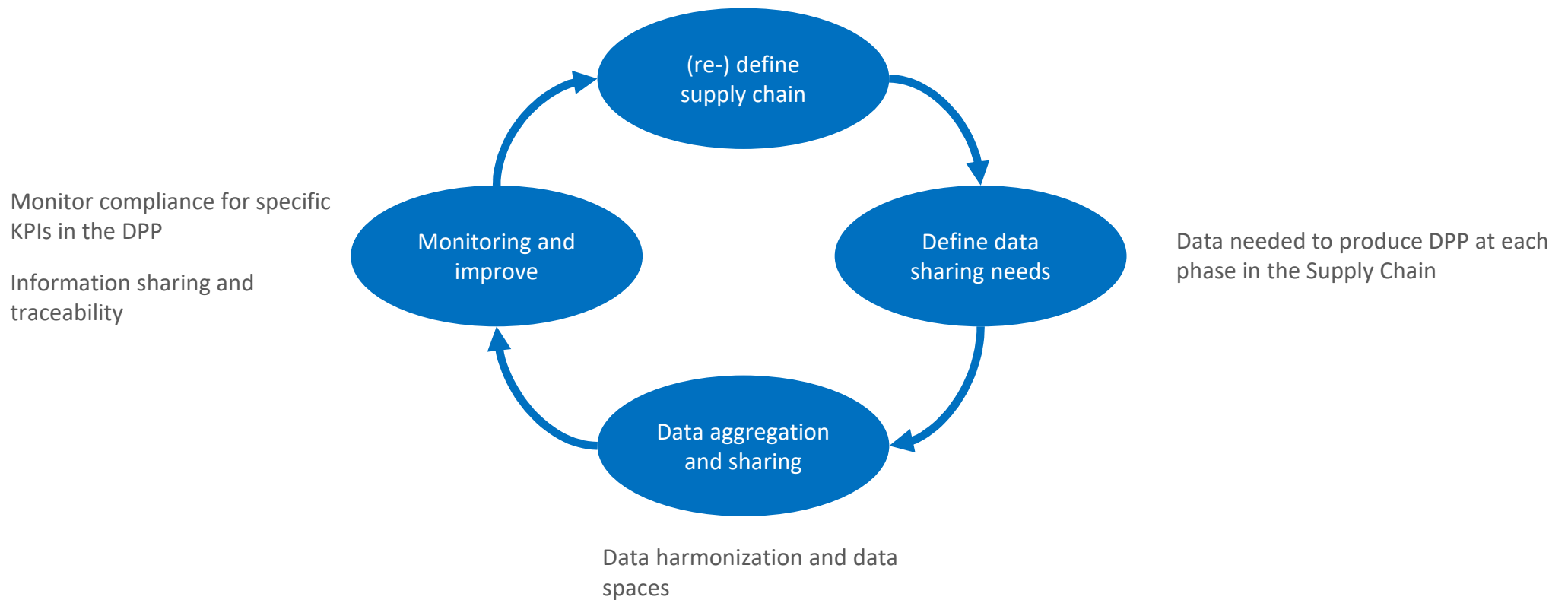


Citrus processing waste for juice by-products



## How to deploy

Sustainability and DPP goals, key processes,  
involved stakeholders







Product Passport through Twinning of Circular Value Chains



Start Date: 1 Jan 2023

End Date: 31 Dec 2025

Total budget/ funding: 8 mio EUR

[www.plooto-project.eu/](http://www.plooto-project.eu/)



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