



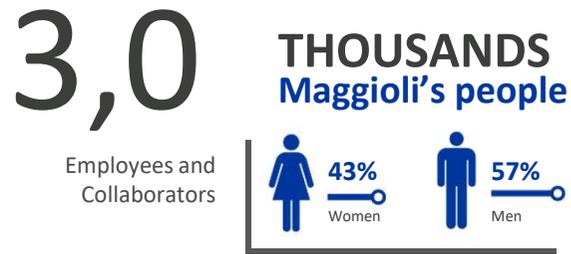
## **Findings from Plotoo project**

**Kostas Kalaboukas, Maggioli SpA**

ICCS Event on Digital Product Passport & Tracing

Athens, 14 November 2024

# Our numbers



**+60** Italian and International branches

- Italy
- Spain
- Greece
- Belgium
- Colombia

**95** % Italian revenue

61% North  
20% Centre  
19% South and Islands

**5** % Europe and Latam revenue

## CUSTOMERS

**72** % Public Sector

**28** % Private Sector



**MILLIONS**  
consolidated revenue  
2022

**+17** %  
revenue VS 2022

**86** % business  
**Digital Transformation**

**14** % business  
**Digital Publishing**

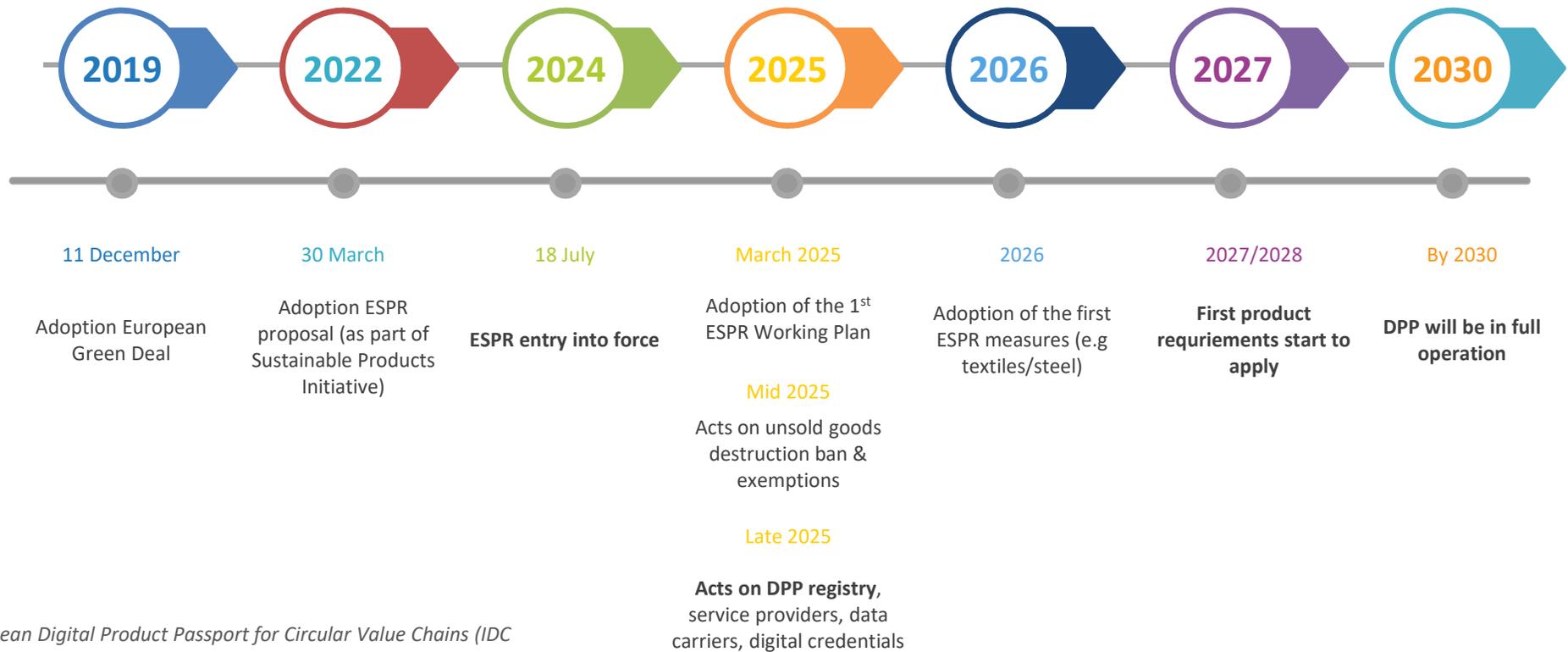
## Digital Product Passport (DPP)

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

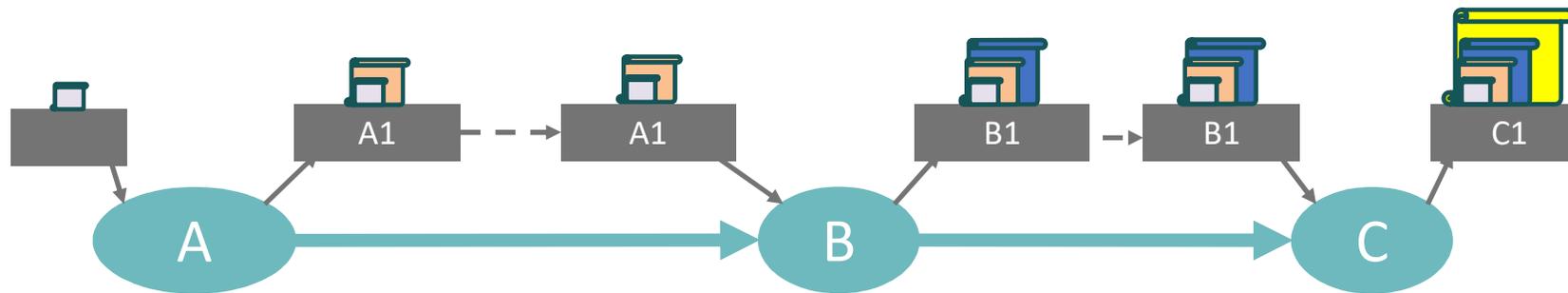
- Data coverage
- ...

### Disclaimers

Source: Ploto project

[www.ploto-project.eu](http://www.ploto-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



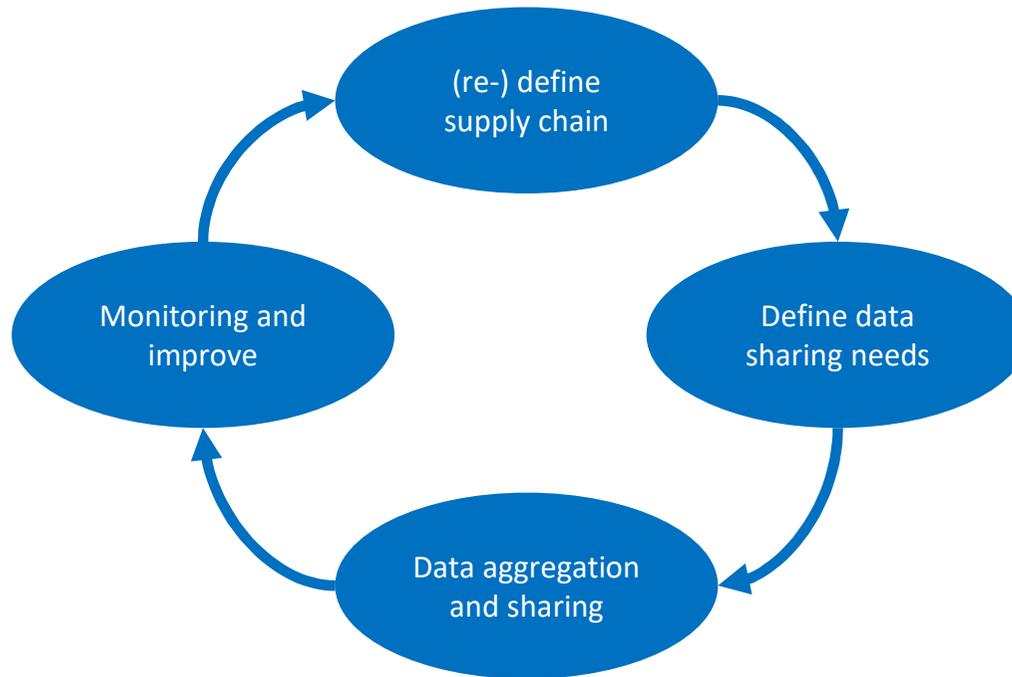
Citrus processing waste for juice by-products



# How to deploy

Sustainability and DPP goals, key processes,  
involved stakeholders

Monitor compliance for specific  
KPIs in the DPP  
Information sharing and  
traceability



Data needed to produce DPP at each  
phase in the Supply Chain

Data harmonization and data  
spaces



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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