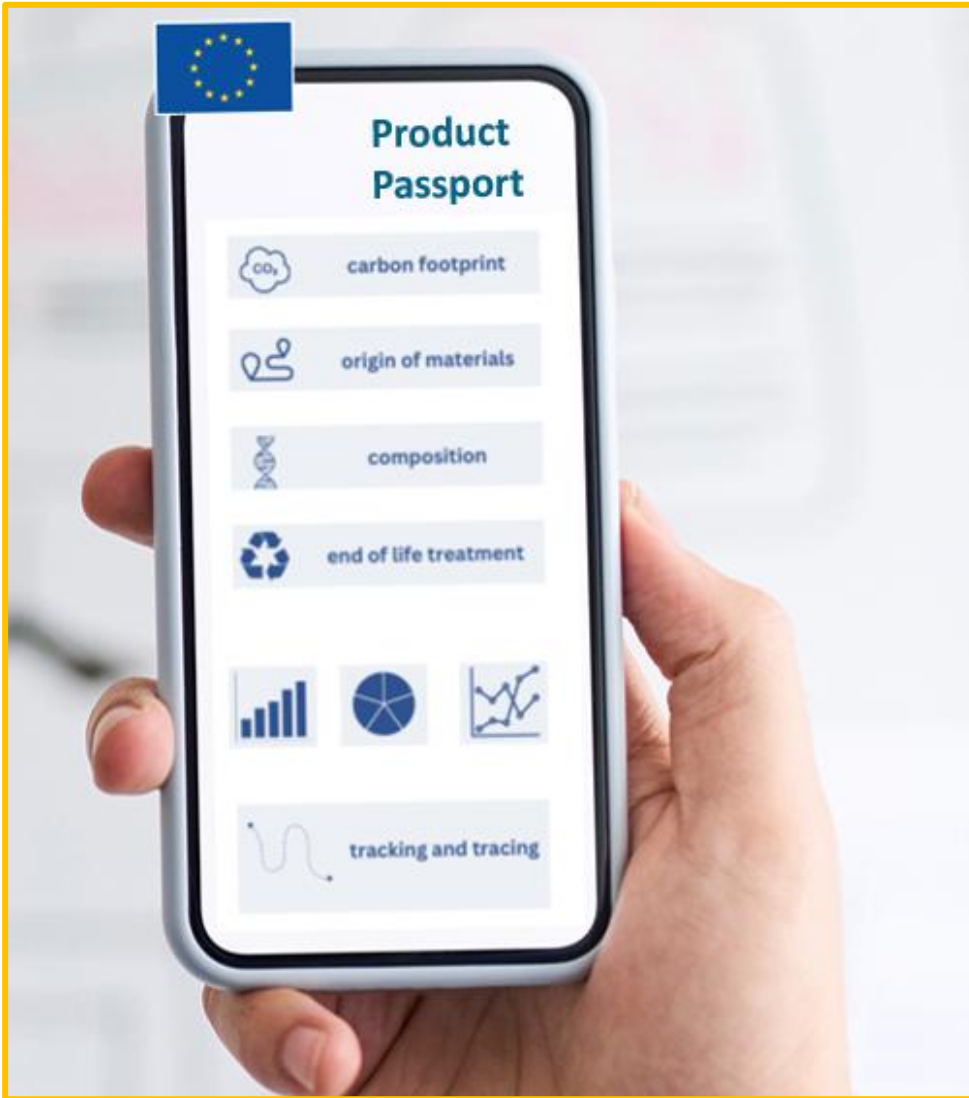# Digital Product Passport (DPP)

Directorate-General for Internal Market, Industry, Entrepreneurship and SMEs

Franziska Zibold – Policy Officer

Agenda

1. Welcome and Introduction
2. The Digital Product Passport (DPP) Framework
3. Implementation and Scope of the DPP

European Commission

1 *Welcome and Introduction*

New Commission and political guidelines

- Since 1 December 2024, Ursula von der Leyen extended her mandate as the European Commission President.

- **Vision**: create a faster, simpler, and more united Union – one that supports its people and businesses, takes decisive action where it can make the greatest impact, and advances shared ambitions.

DG GROW

Directorate General for Internal Market, Industry, Entrepreneurship and SMEs (DG GROW)

European Commission (EC) department that works to **support an open, seamless and resilient Single Market**, with open borders and free flow of goods and services.

- **Unit G4: Data and knowledge for policy, business and people**

  - **Digital Product Passport team**: implementation of the general Digital Product Passport system

2

Digital Product Passport Framework

Legal framework

Legal basis

Ecodesign for Sustainable Products Regulation (ESPR)

+ *Product specific delegated acts*

(textiles, steel and aluminium, tyres, furniture, ICT, energy-related products)

Standalone legislation also refers to the DPP:

Battery Regulation

Toy Safety Regulation

Detergent Regulation

Packaging and Waste Packaging Regulation

Green Claims Directive

Construction Products Regulation

European Commission

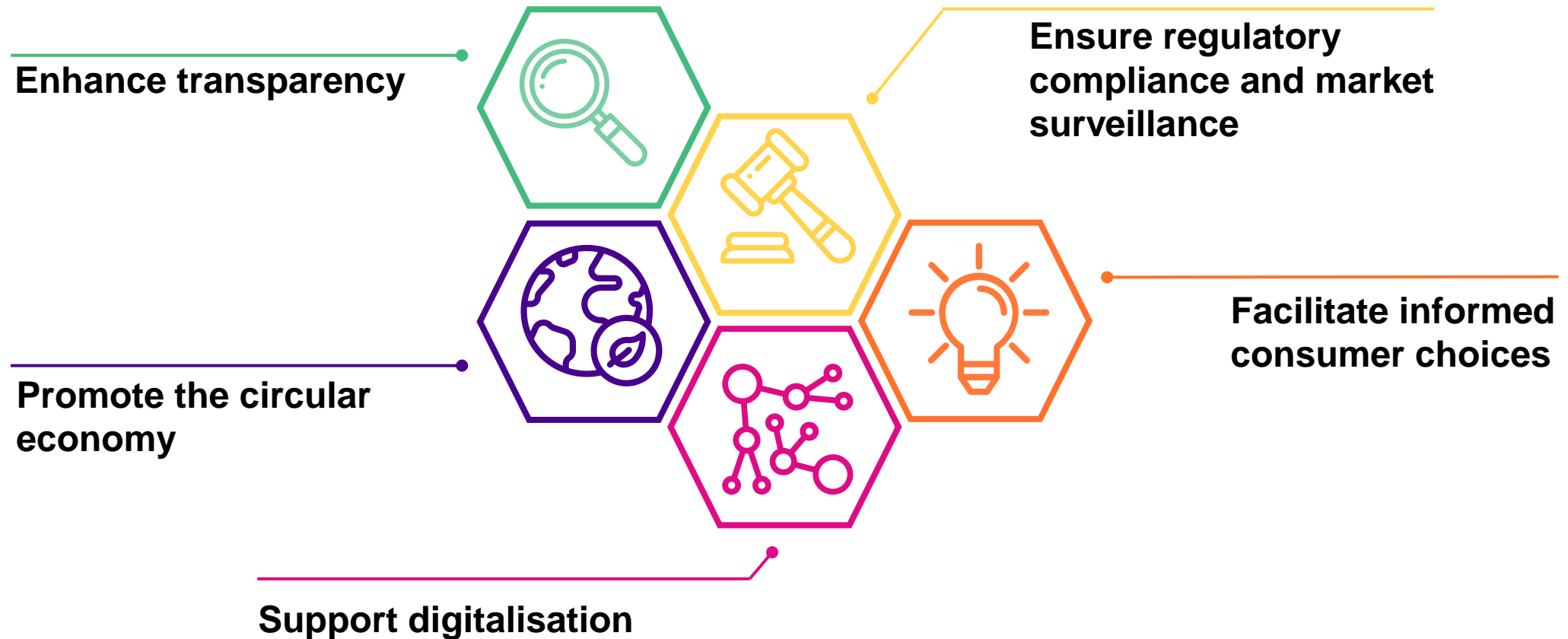# Main aspects

Digital Product Passport (DPP)

a digital identity card that contains detailed information about a product, enabling traceability and transparency throughout its supply chain.

- User-friendly access
- Data integrity
- Differentiated Access
- Comprehensive Data Storage
- Longevity and availability

European Commission

Overview of the key benefits of DPP

Enhance transparency

Ensure regulatory compliance and market surveillance

Facilitate informed consumer choices

Promote the circular economy

Support digitalisation

European Commission

3 *Digital Product Passport Implementation and scope*

DPP system

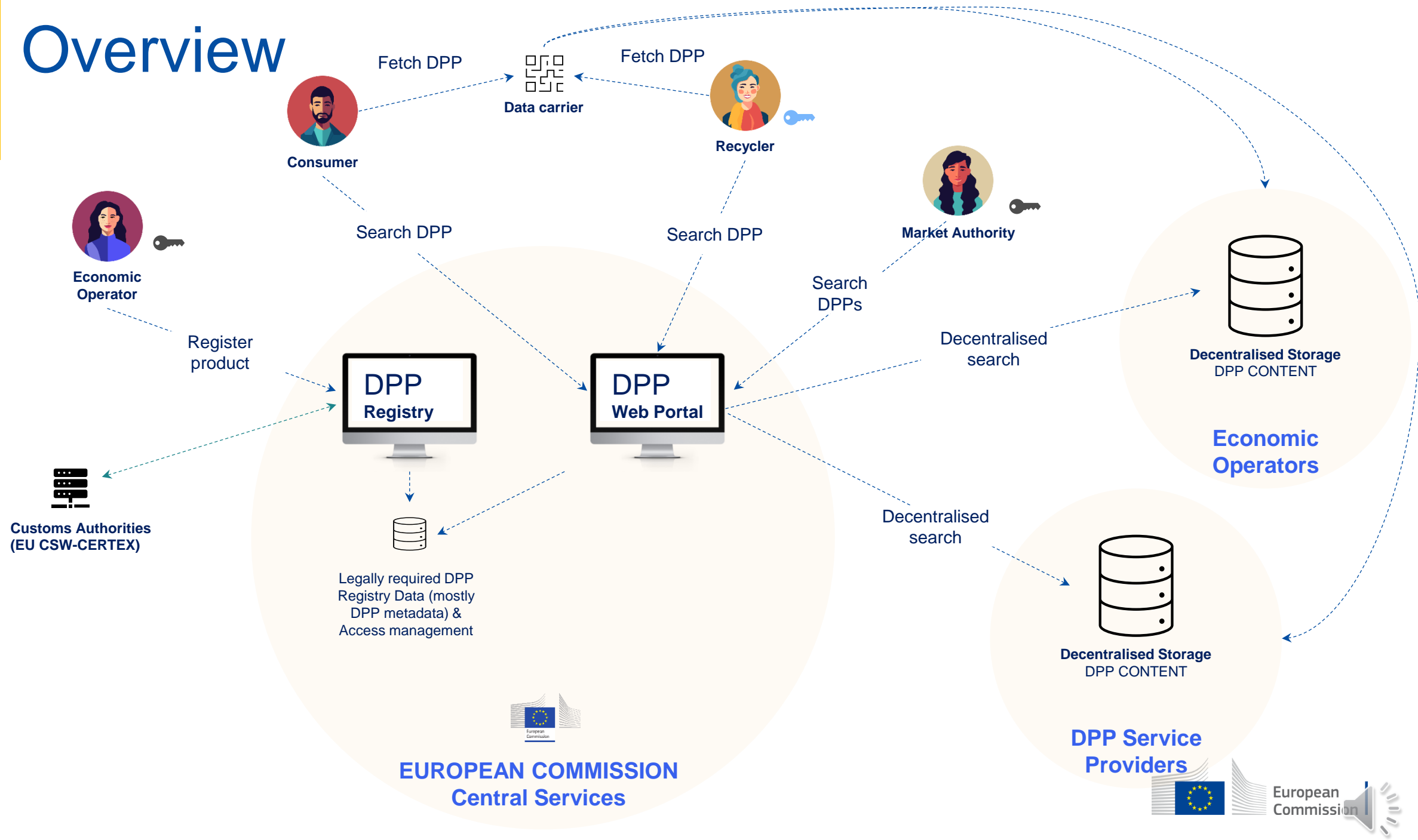**Digital Product Passport**

DPP System
how it works

DPP Data
what it encompasses

- The DPP registry and web portal
- All standards and protocols related to the IT architecture

- Product-group specific
- Defined in delegated act process.

European Commission

Overview

Fetch DPP

Fetch DPP

Data carrier

Consumer

Recycler

Market Authority

Economic Operator

Search DPP

Search DPP

Search DPPs

Register product

Customs Authorities (EU CSW-CERTEX)

DPP **Registry**

DPP **Web Portal**

Decentralised search

Decentralised search

Decentralised Storage DPP CONTENT

Economic Operators

Decentralised Storage DPP CONTENT

DPP Service Providers

Legally required DPP Registry Data (mostly DPP metadata) & Access management

EUROPEAN COMMISSION Central Services

European Commission

Standardisation CEN/CENELEC - JTC24

8 harmonised standards

Unique Identifiers	Data Carriers	Access Rights Management	Interoperability
Data Processing and Exchange	Data Storage and Archiving	Data Authentication and Integrity	APIs for Lifecycle Management

European Commission

Information included in the DPP

Information to be included in the DPP will be **product-group specific** and identified in delegated act process and may include **information/data** on one or more of the following areas:

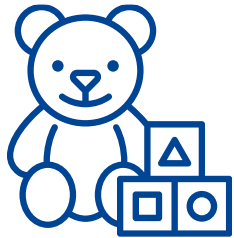| Technical performance	Environmental sustainability performance	Circularity aspects	Legal compliance	Product related information

European Commission

Potential for further burden reduction

Information beyond sustainability

Toys Proposal
Compliance Requirements (including Declaration of Conformity)

Interconnections

CERTEX

ICSMS?

DIGITAL PRODUCT PASSPORT

DPP data re-use

Corporate Sustainability Reporting?

DIGITAL PRODUCT PASSPORT

New legislative framework
(product requirements information) ?

Leveraging DPP for Reporting Obligations

DPP data can be re-used for other reporting obligations by companies, for example *Corporate Sustainability Reporting*, which requires reporting on environmental metrics.

If the goals are set at product level, the reporting can be automated based on the data available in the DPP.

This future streamlining of reporting will also facilitate the work of surveillance authorities.

European Commission

Upcoming milestones

The public consultation for the Delegated act setting out the requirements for Digital Product Passport Service Providers will be launched soon.

Launch of the **DPP registry** in **July 2026**

Certain types of big batteries are the first product category for which the DPP becomes mandatory in **February 2027**.

The DPP is being introduced for a **wide range of other products, such as toys, construction materials, detergents and textiles, to become mandatory** from **the end of 2027 onwards.**

Roadmap to the operationalisation of the DPP

	2024				2025				2026				2027			
	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4

DPP STANDARDISATION MILESTONES (CEN-CENELEC)

Development and adoption CEN-CENELEC Standards

LEGAL MILESTONES

DPP system secondary legislation
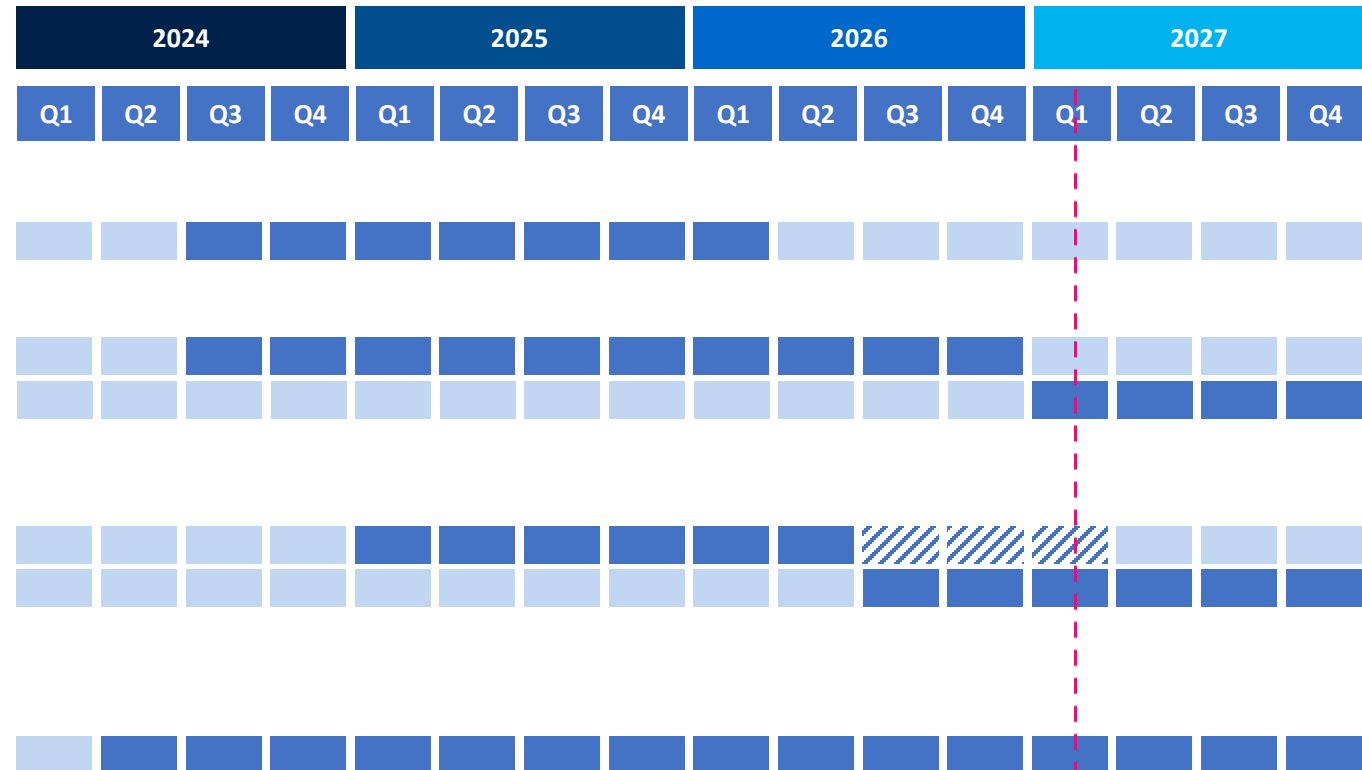
Product-specific rules

DPP DIGITAL IMPLEMENTATION MILESTONES

DPP Registry

Web portal

STAKEHOLDERS ENGAGEMENT AND COMMUNICATION

Engage stakeholders

Registry established & testing activities with industry

European Commission

Thank you

Contact: GROW-DIGITAL-PRODUCT-PASSPORT@ec.europa.eu