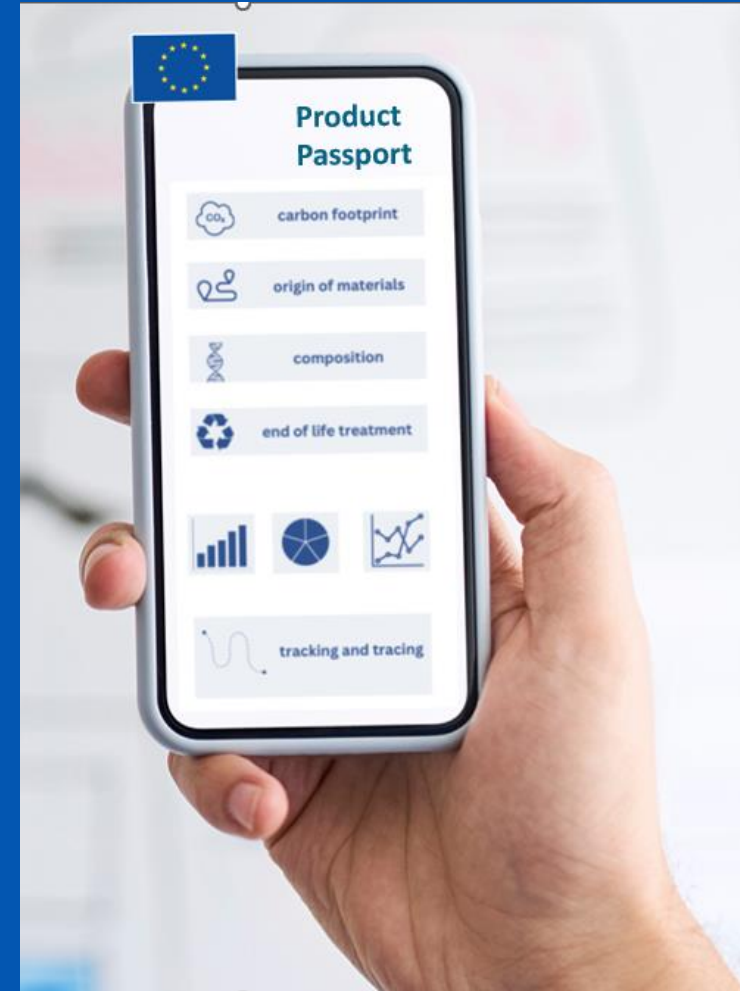




Digital Product Passport (DPP)

Alexandru Ion - Digital Product Passport Team Leader

DG GROW G4 - Data and Knowledge for Policy, Business and People



Digital Product Passport

Ecodesign Regulation - general

The Ecodesign for Sustainable Products Regulation (ESPR)

- in force since 18 July 2024
- enables the setting of 'eco design requirements' – for almost all categories of physical goods (with some exceptions, such as food and feed)
- strong focus on product information: DPP and information requirements

Digital Product Passport

Ecodesign Regulation - general

Why is the DPP important

- Promotes circularity and sustainability
- Supports innovation and competitiveness
- Improves traceability of products
- Has the potential to reduce the reporting burdens
- More efficient border and market surveillance controls

Digital Product Passport

How? and What?



(the “**HOW**”. To be developed horizontally for all product groups and legislations)

Digital Product Passport

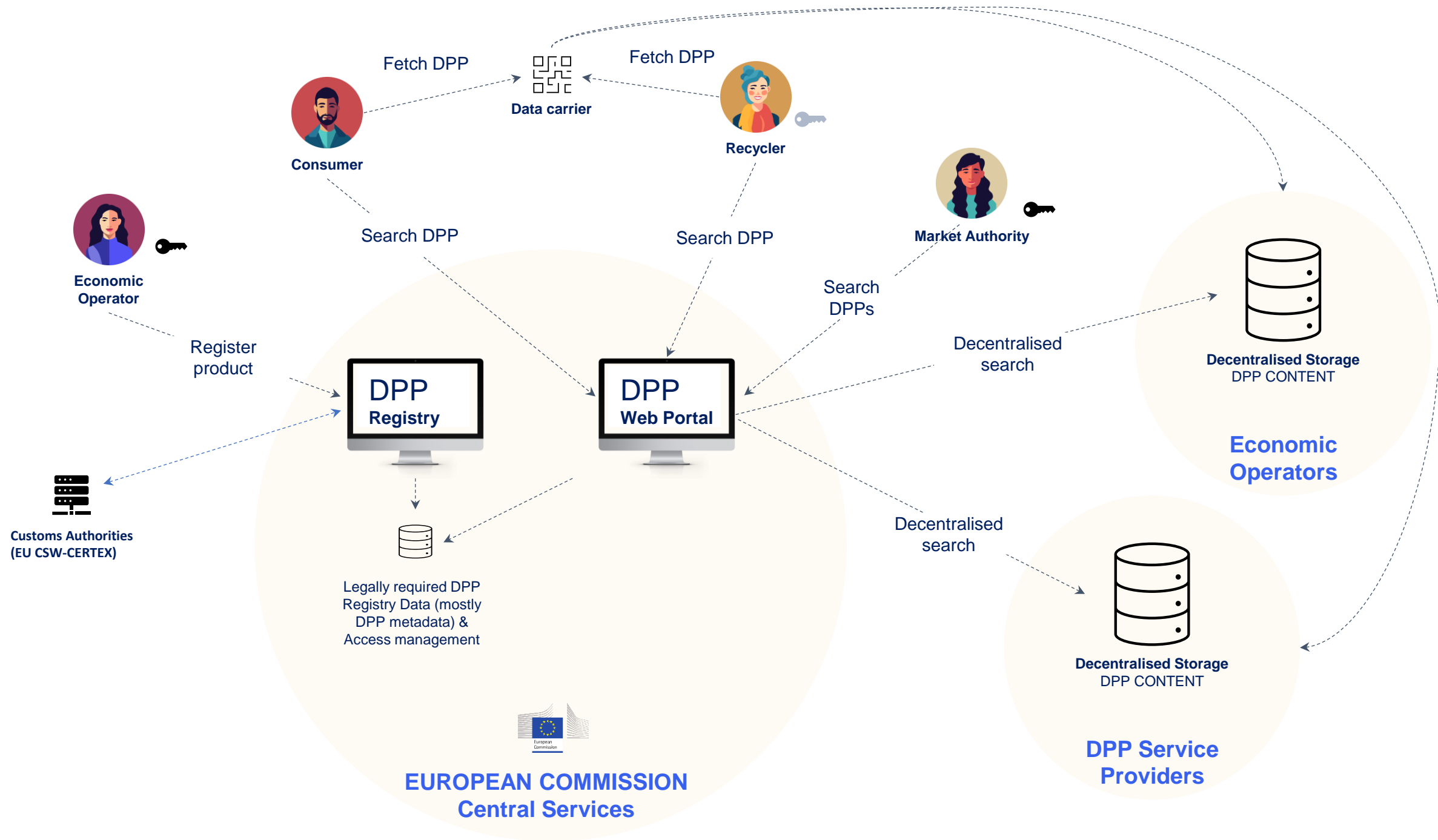
(the “**WHAT**”. To be developed through product-group specific dedicated legislation)

- The DPP registry
- The DPP web portal
- All standards and protocols related to IT architecture:
 1. Unique identifiers
 2. Data carriers and links between physical product and digital representation
 3. Access rights management, information security, and business confidentiality
 4. Interoperability (technical, semantic, organisation)
 5. Data processing , data exchange protocols, and data formats
 6. Data storage, archiving, and data persistence
 7. Data authentication, reliability, integrity
 8. APIs for the DPP lifecycle management and searchability

Information to be included in the DPP will be **product-group specific** and identified in delegated act process.

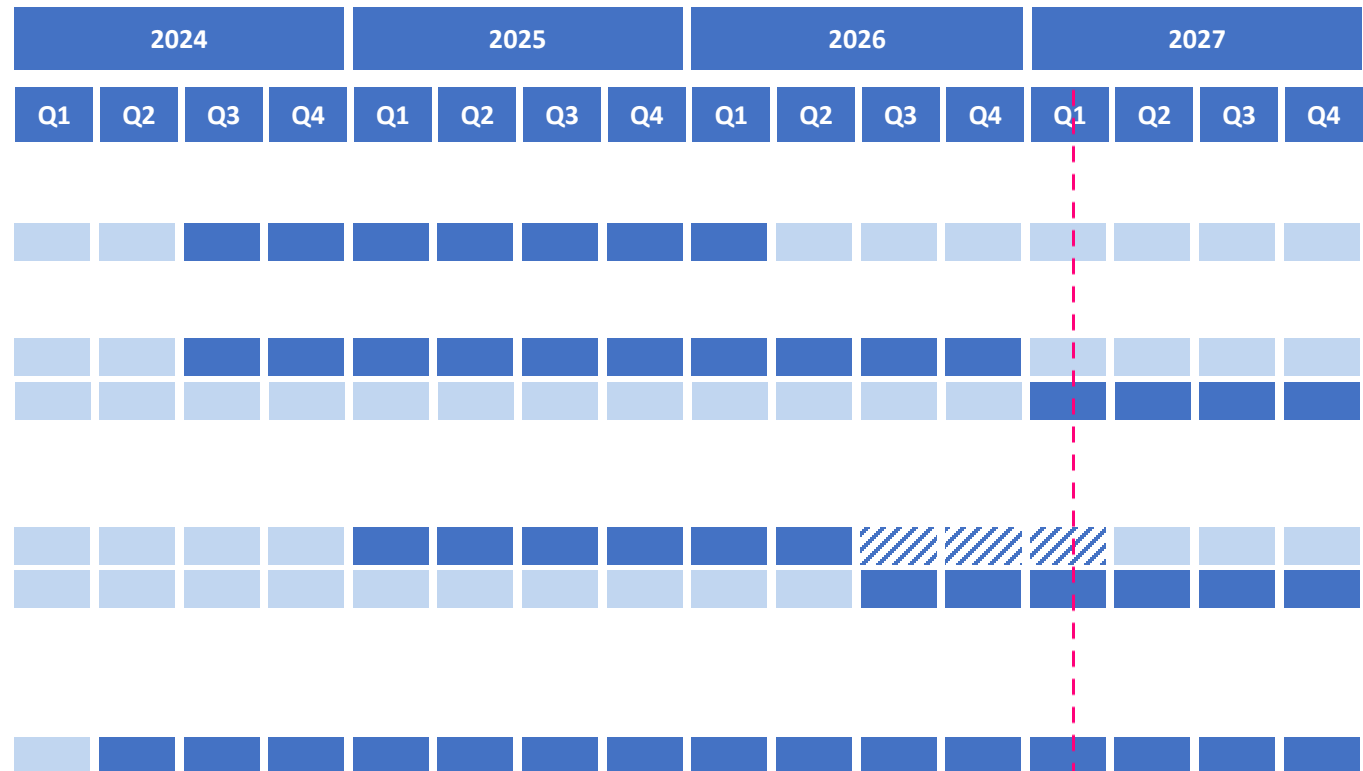
It may include information/data on one or more of the following areas:

- Technical performance
- Environmental sustainability performance
- Circularity aspects (durability, repairability, etc)
- Legal compliance
- Product-related information (e.g., manuals, other labels)



Roadmap

Engage stakeholders





Thank you

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

[Ecodesign for sustainable products Regulation \(ESPR\)](#)

[ESPR information website](#)

[Online information session on ESPR](#)