MANUFACTURERS INFORMATION HUB

The Manufacturers' Information Hub

Shared, collaborative, information flows

CPE Digitalisation Event

7th October 2025

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Factors driving manufacturers' information

There are:

- 430k Manufacturers in Europe
- 215k+ employ less than 10 people

They need:

- Clarity, support and direction
- To know what to prioritise

- Our data/information needs to be accurate
- Our data/information needs to be accessible/available
- [illegible]on
- [illegible]
- our products are certified and they perform as certified
- We need verifiable carbon data
- Regulations are coming that will enforce this

TRUST

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Security: general

What have other sectors done?

Travel sector



Implemented rules and standards

Individual systems

Two-way interfaces – full interoperability

Common platform

Individual systems









Construction sector



Incomplete and unimplemented rules and standards

Some systems

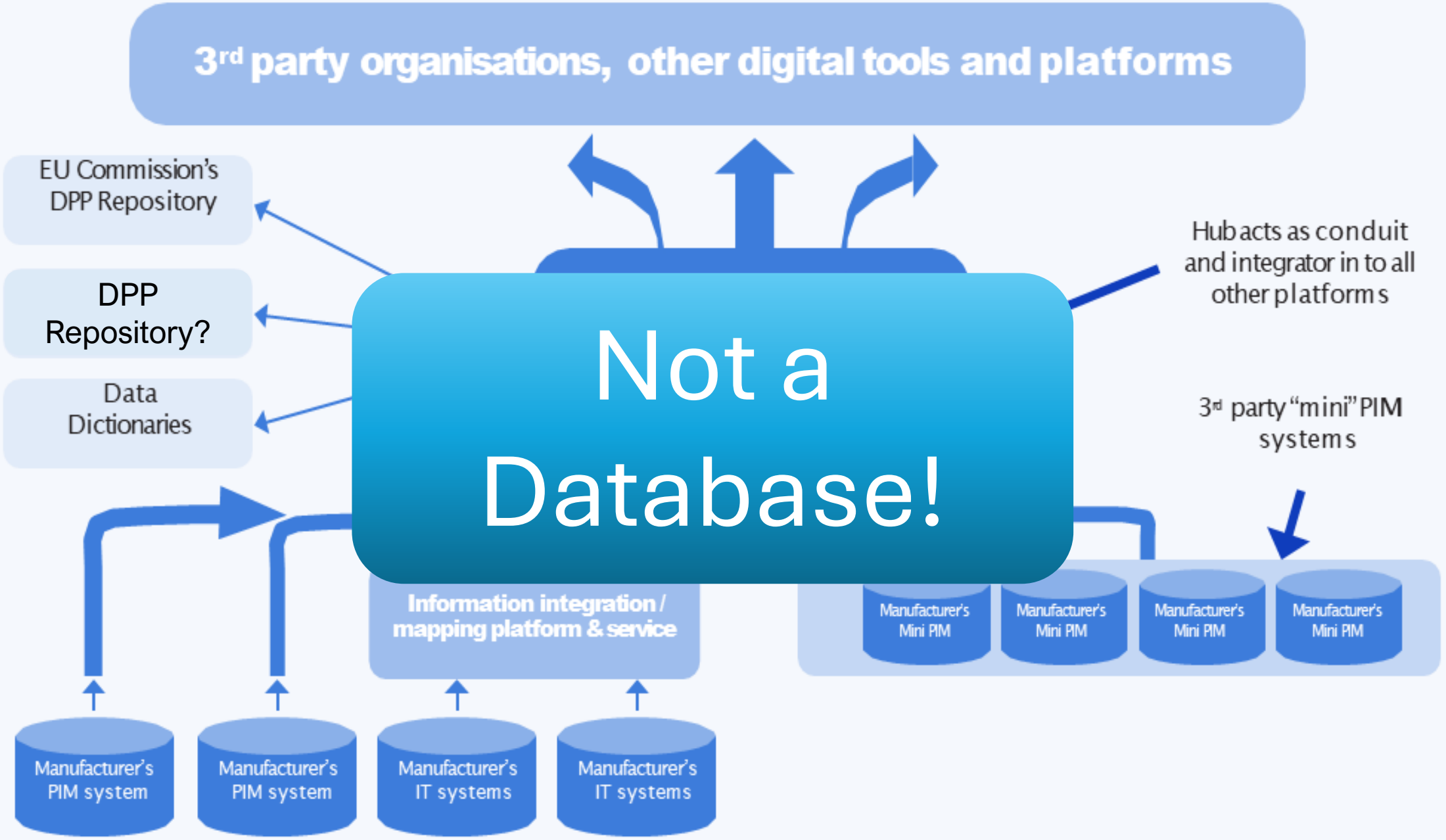
The Wild West

Few systems

Construction product manufacturers

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Sensitivity: General


3rd party organisations, other digital tools and platforms
EU Commission's DPP Repository
DPP Repository?
Data Dictionaries
Hub acts as conduit and integrator in to all other platforms
3rd party "mini" PIM systems
Not a Database!
Information integration / mapping platform & service
Manufacturer's Mini PIM
Manufacturer's Mini PIM
Manufacturer's Mini PIM
Manufacturer's Mini PIM
Manufacturer's PIM system
Manufacturer's PIM system
Manufacturer's IT systems
Manufacturer's IT systems

What is the MIH?

- **Universal Digital Connector**
  The MIH serves as a central hub linking construction product manufacturers' information systems with third-party organizations, ensuring seamless data exchange.

- **Standardized & Structured Data**
  Consolidates and enhances existing product data templates and dictionaries, filling in gaps over time while maintaining consistency across the industry.

- **Uses Digital Product Identifiers**
  By adopting GS1 standards, for example, the MIH enables product identification via GTIN (13-digit codes), ensuring reliable and interoperable product data.

- **Permission-Based Data Access**
  Maintaining data integrity, security and transparency will be vital

- **Digital Product Passport (DPP) service provider**
  The MIH could also play the role of a licensed service provider for DPP delivery



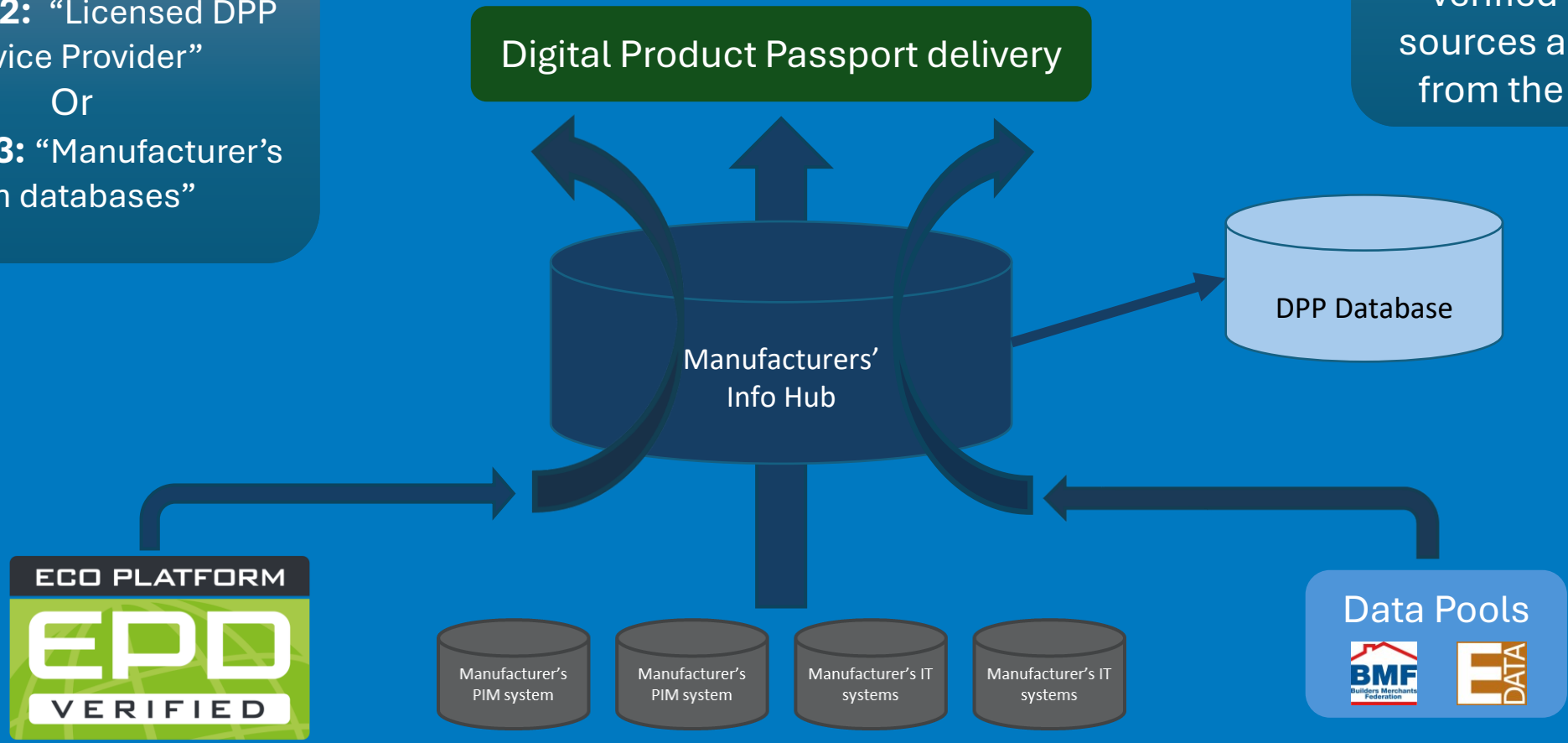
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Potential for DPP delivery

Option 2: "Licensed DPP Service Provider"
Or
Option 3: "Manufacturer's own databases"

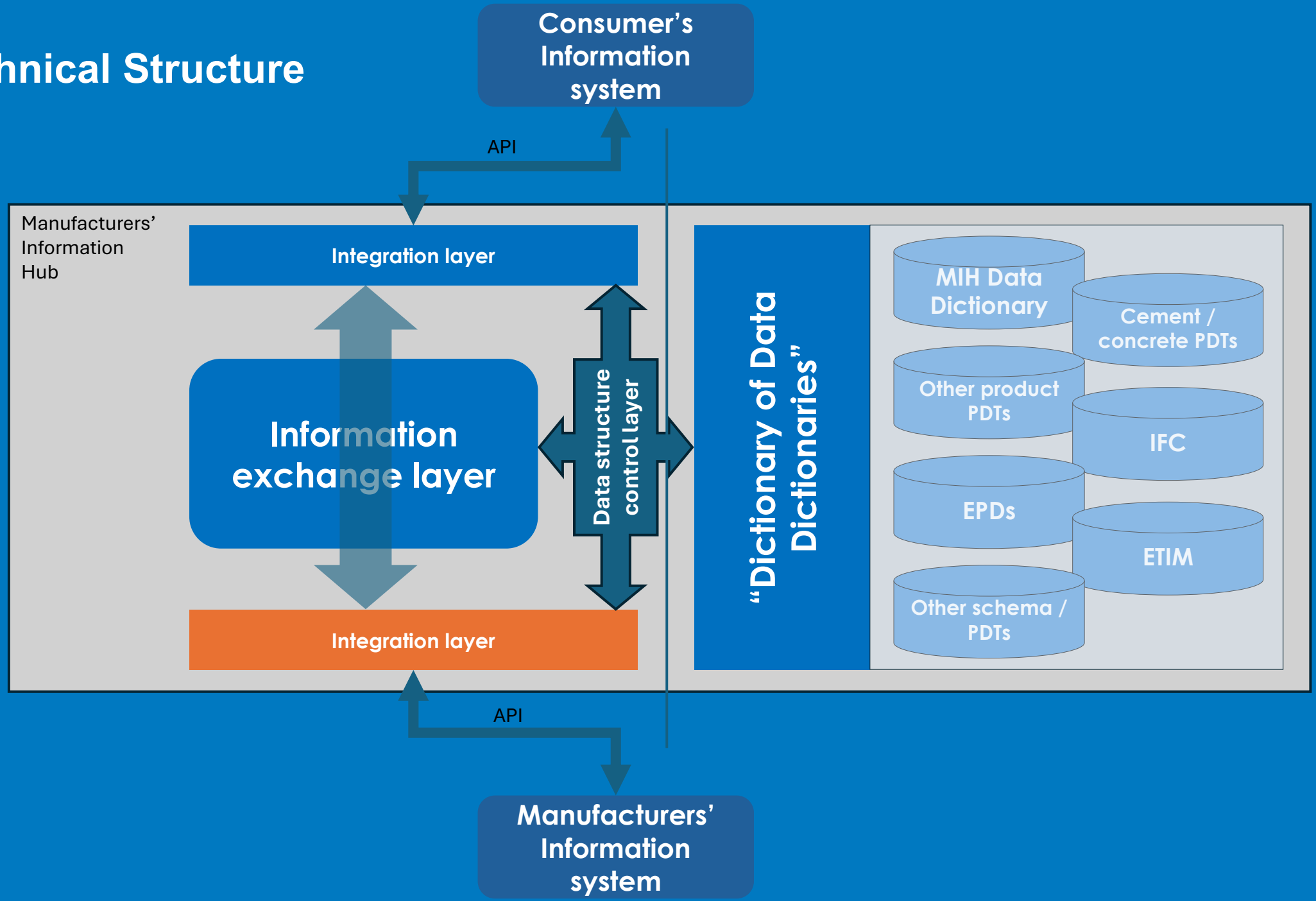
DPPs can be generated from trusted, governed, verified information sources and backed up from the MIH directly



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Security: general

Technical Structure



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Ownership, Governance, Structure

- **Not-for-Profit Model** – Owned **solely by manufacturers**, ensuring long-term neutrality.
- **One Vote / Share Per Manufacturer** – Equal representation for SMEs, micro-businesses, and large corporations.
- **Controlled by Industry, Not Software Providers** – Prevents data monopolization by commercial platforms.
- **IP** – Owned by Not-for-profit organisation
- **Governance structure** – Exec and non-exec positions, advisory board, technical, marketing and other committees working for all members

Members include:

7-Steel
ArcelorMittal
ASSA Abloy
Bekaert
BASF
Chemicals
Dormakaba
Etex
Heidelberg
Holcim
Knauf
Kingspan
Rockwool
Saint-Gobain
Siderise
SIG
StoraEnso
Tata Steel
Velux
Wienerberger

Plus:

Construction Products Europe
Construction Products Association (UK)
Construction Products Norway
NVTB (NL)
AIMCC (FR)

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Funding & Business model

- **Small-scale funding sought to start project and develop an MVP**
  - £50k initial grant secured
- **Larger-scale funding discussions underway to build the platform**
  - Funding opportunities sought from UK & Irish Governments, Horizon 2025 project and DG GROW / European Commission
- **Once platform is built and operational, platform will be self-funding**
  - Manufacturers will pay small monthly subscription fees
  - 3rd party organisations/platforms that sell manufacturers information will also pay a small subscription fee to pull the information from one single source



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Potential Demonstrator projects for the MVP / Horizon project

- Over 25 partner demonstrator projects
- Intention to demonstrate how the Hub can:
  - Enable circular economy
  - Be a DPP provider
  - Enable development of new IT platforms for main contractors
  - Populate product information directly in to Asset Management platforms & Building Logbooks
  - Improve speed and efficiency on construction sites

Digital Product Passport MVP
Demonstrating how the Hub can be a DPP service provider using a DPP database.

Tagging and tracking of products
When a QR code is scanned the last known location of that product can be passed through the Hub.

Automated invoicing and payment
When a QR code is scanned on site delivery, information pulled through the Hub to enable automated invoice release.

Specification mapped to PDTs
digitally linking the designers Product Data Template with the manufacturers product information to drive better specification and check that installed products map to the designers' specification.

Secure access to EPD data
Working with a Europe-wide organisation that demonstrates verified EPD information enabling it to be pulled into any third-party IT platform.

Building Logbook population
to demonstrate how accurate data could be pulled through the Hub and directly into a building logbook.

Asset Management data population when a product QR code is scanned, as if received on site, information can be pulled through the MIH that would populate an asset management platform.

Live data from Smart Buildings
Product information can be pulled through the hub to enable live in-use performance data management for smart buildings.

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Timeline

2024

Project Kick-off

Form concesus around common objectives and goals, build core group and begin project

2025

Phase 1: Scope

Generate technical scoping document, raise awareness & form not-for profit organisation

2026

Phase 2: MVP

Build a Minimum Viable Product (small scall working version), test with small demonstrators

2027

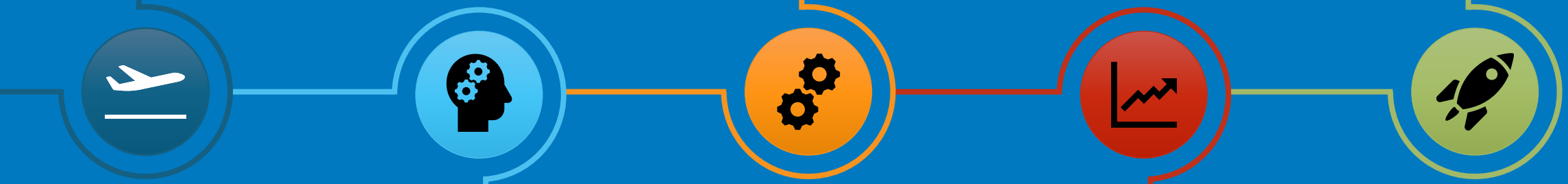
Phase 3: Scale

Scale the MVP rolling out in more countries, carrying out on-site real-world pilots, increase involvement & awareness

2028

Launch

Full deployment and launch across Europe. Drive adoption and integrations.



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