



DIREKTORATET  
FOR BYGGKVALITET

# Digital Product Passport

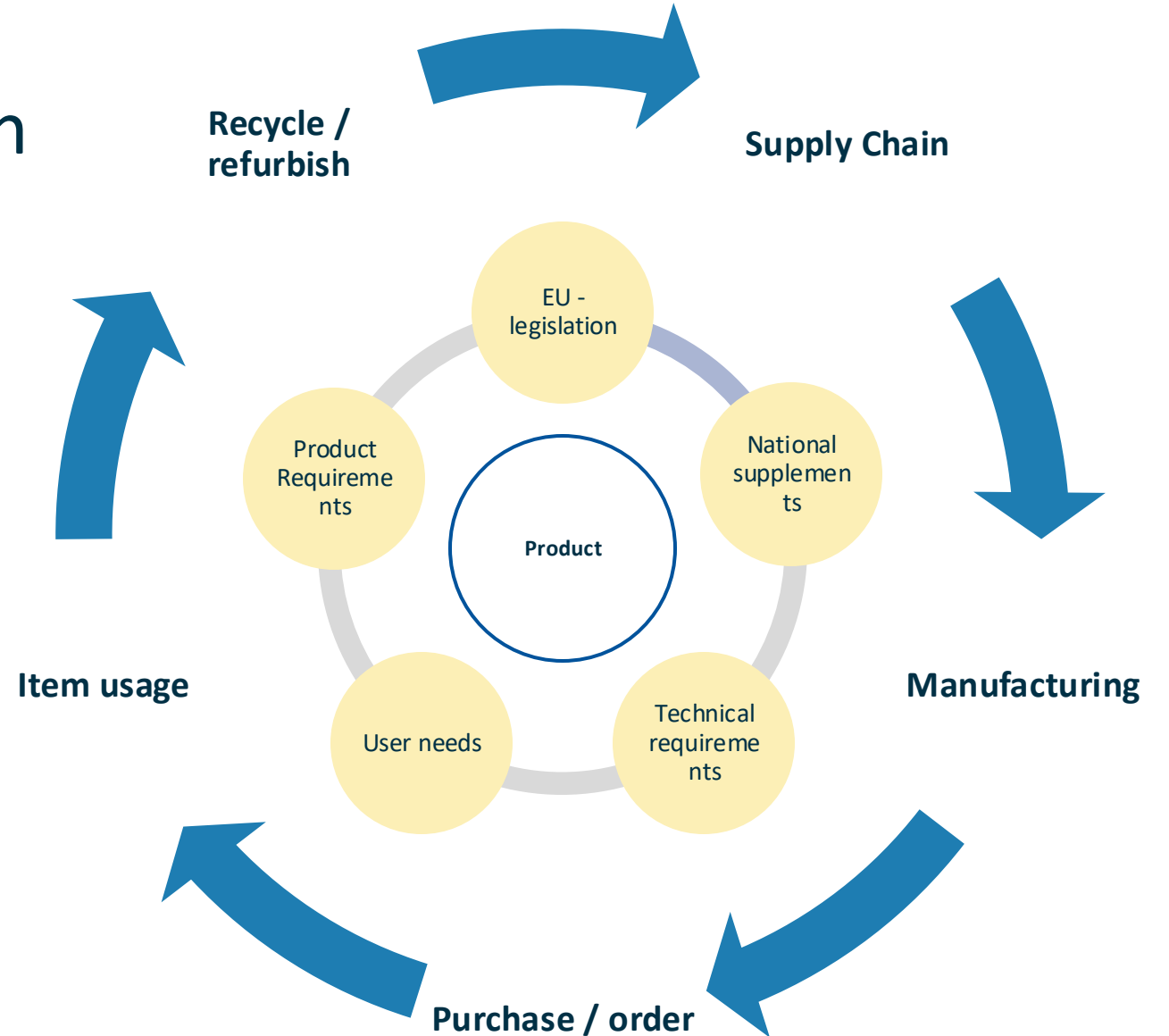
What is what?

Dr. Martin Schreck

Specialist director Norwegian Building Authority  
Convenor JTC24 – WG1 “DPP-Strategy and Advisory”

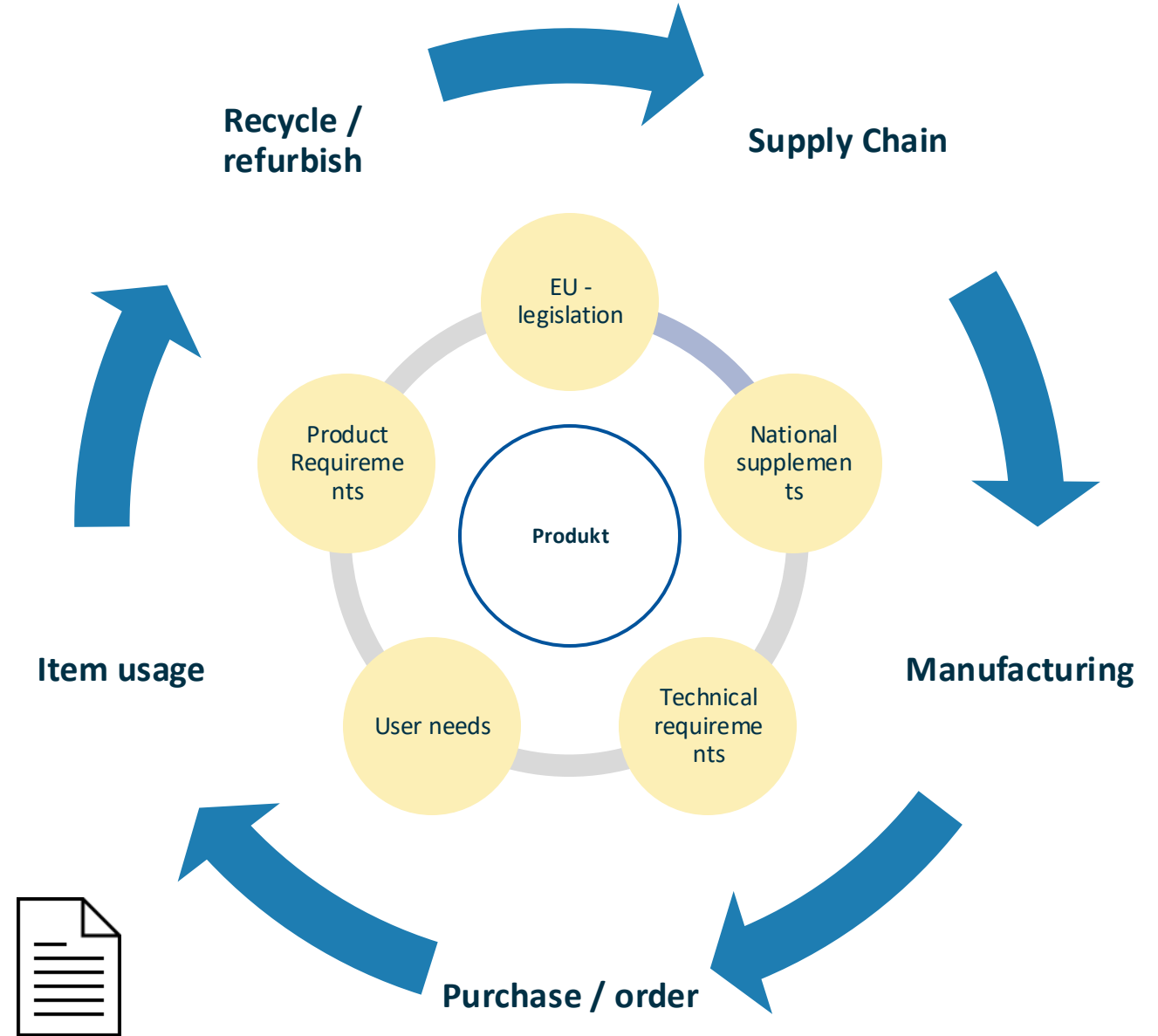
# Today's flow of information

- Complex and dynamic processes across multiple (product) layers throughout the value chain
- Need for effective interaction between regulatory requirements and market needs
- Strict requirements for documentation and traceability over long periods of time
- Information that is not easily accessible and user-friendly
- Inefficient and streamlined information flow



# Digital information flow

- Complex and dynamic processes across the entire value chain
- Effective interaction between the authorities and the market
- Requirements for documentation and traceability over long periods of time
- Requirements for easily accessible information and user-friendliness
- Efficient and streamlined information flow



# What do these elements have in common?



They are allowed to participate in street traffic if they follow the rules



JTC24 standardizes the traffic rules for the DPP vehicles, not the vehicles themselves.

!!The economic operator decides which vehicle they want to use!!



# DPP-System (structure)

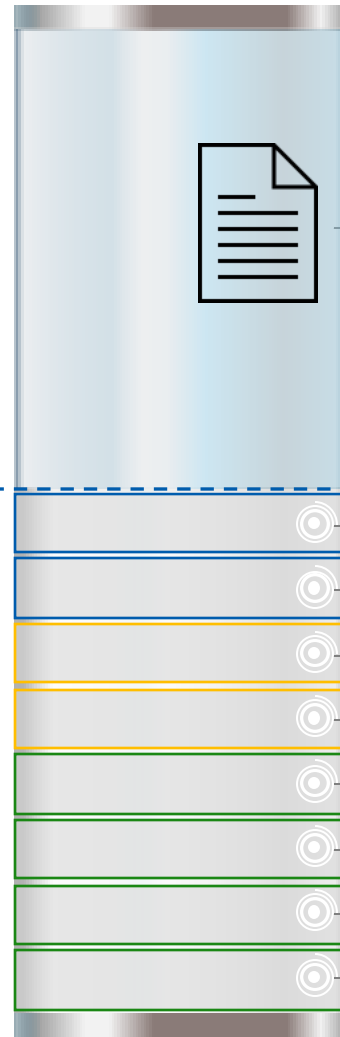
## DPP<sup>1</sup> - data content

Content: sector-controlled information and functionality, data management and possibly IT infrastructure



## DPP<sup>1</sup> - framework

Content: fixed digital joint functions across the industrial sectors to ensure interoperability across the sectors and actors



## Sector-specific information content:

- A delegated act can either require the use of existing standards, or order new ones via CEN and CENELEC.
- Implemented sector-by-sector.
- Takes into account sector-specific requirements for security, information and content

## Common system for all sectors:

- Unique IDs
- Data carriers and links between physical product and digital representation
- Management of access rights, information, system security and business confidentiality
- Data Authentication, Reliability, Integrity
- Interoperability (technical, semantic, organizational)
- Data processing, data exchange protocols, and data formats
- Data Storage, Archiving, and Data Retention
- Automatic interface for management and searchability across the entire DPP lifecycle

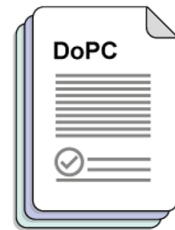
<sup>1</sup> Digital produktpass

<sup>2</sup> Delegated act

<sup>3</sup> EU request of technically binding standard from CEN/CENELEC

# Machine readable content of the DPP

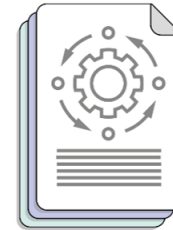
## DPP content



Declaration of performance and conformity



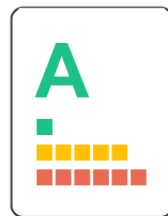
General product information, instructions for use and safety information



Technical documentation



Documentation required under other Union law



Label (when applicable)

Unique product identifier

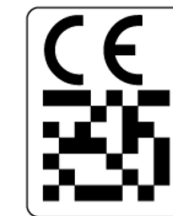
dpp:GTIN:3234567890126

Unique operator identifier

dpp:VAT:AT U14589505

Unique facility identifier

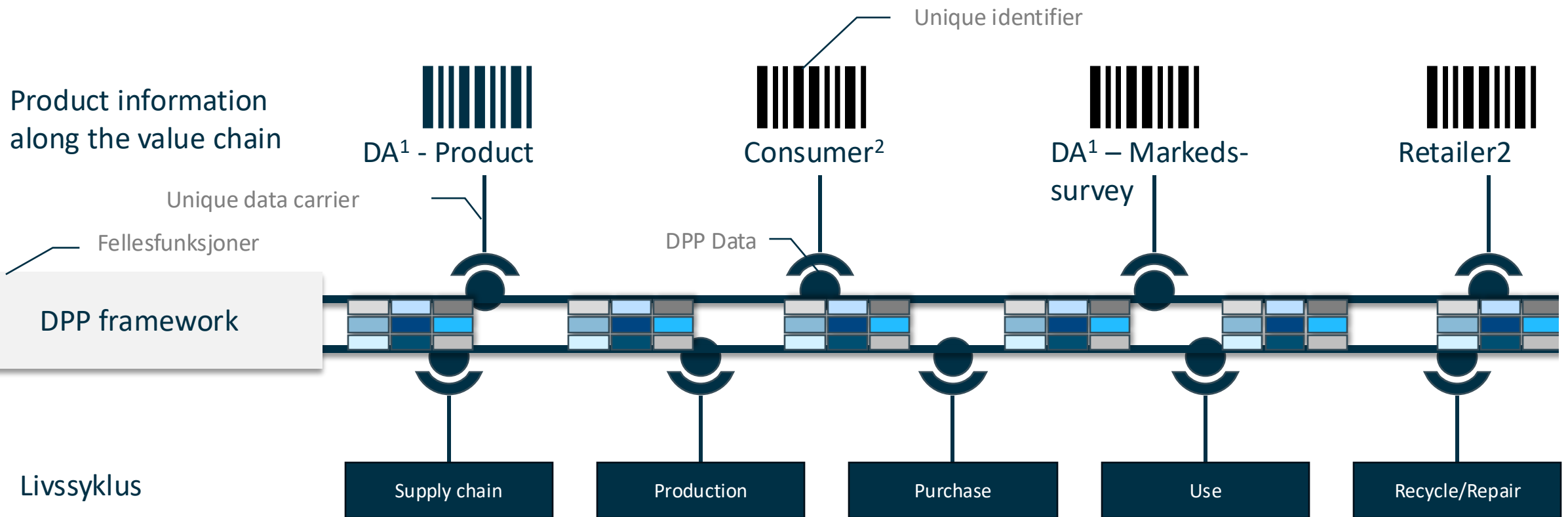
dpp:ISO3166-2:BE



Data carriers  
Key parts



# DPP – system (Principle of operation)



1 – specified in future delegated acts

2 – Rights defined in ESRP



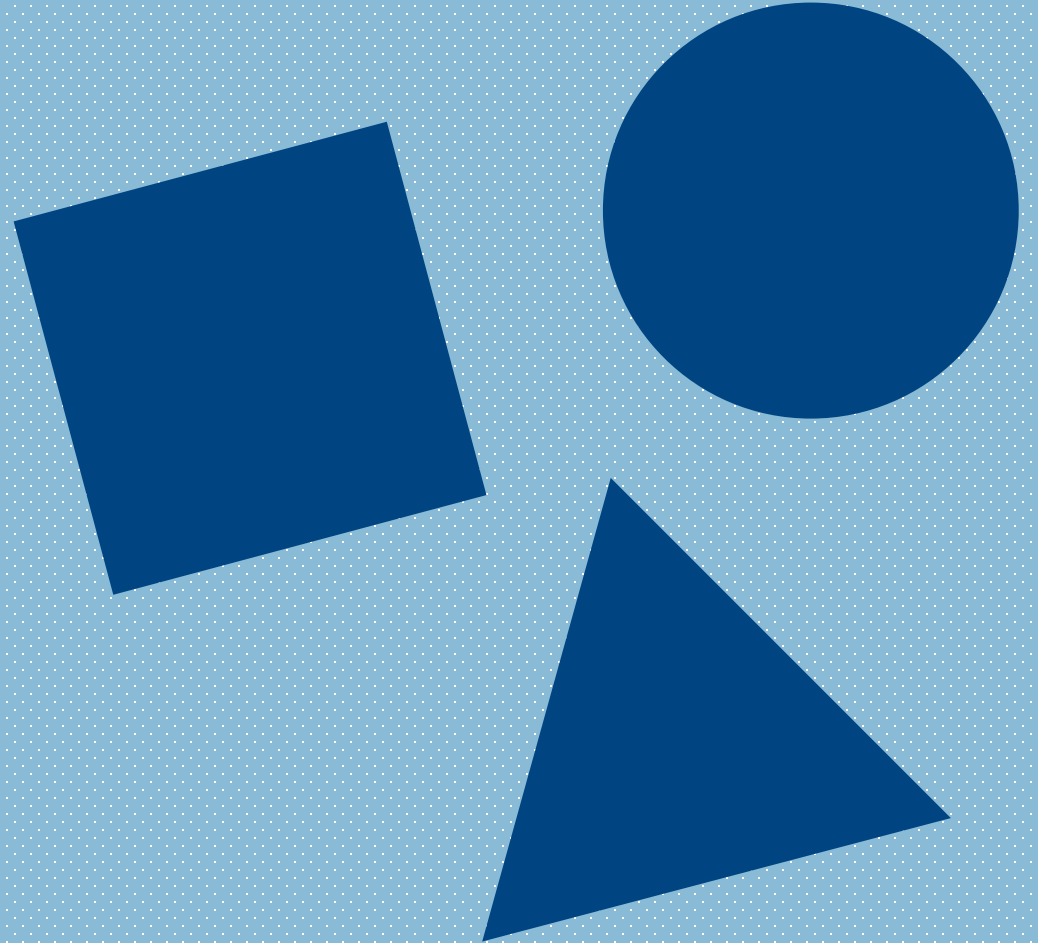
## Identified functionality needs

- The DPP system and framework will support about 37 use cases as common functions.
- Common functions in DPP frameworks are facilitated by combining the functionality of eight different modules in the DPP system.
- There is a high degree of dependencies between these modules.

# Basic requirements

## Main criteria

- Open and transparent
- Inclusive
- Fair
- Globally oriented
- Future-proof through adaptability and flexibility to new technologies and developments

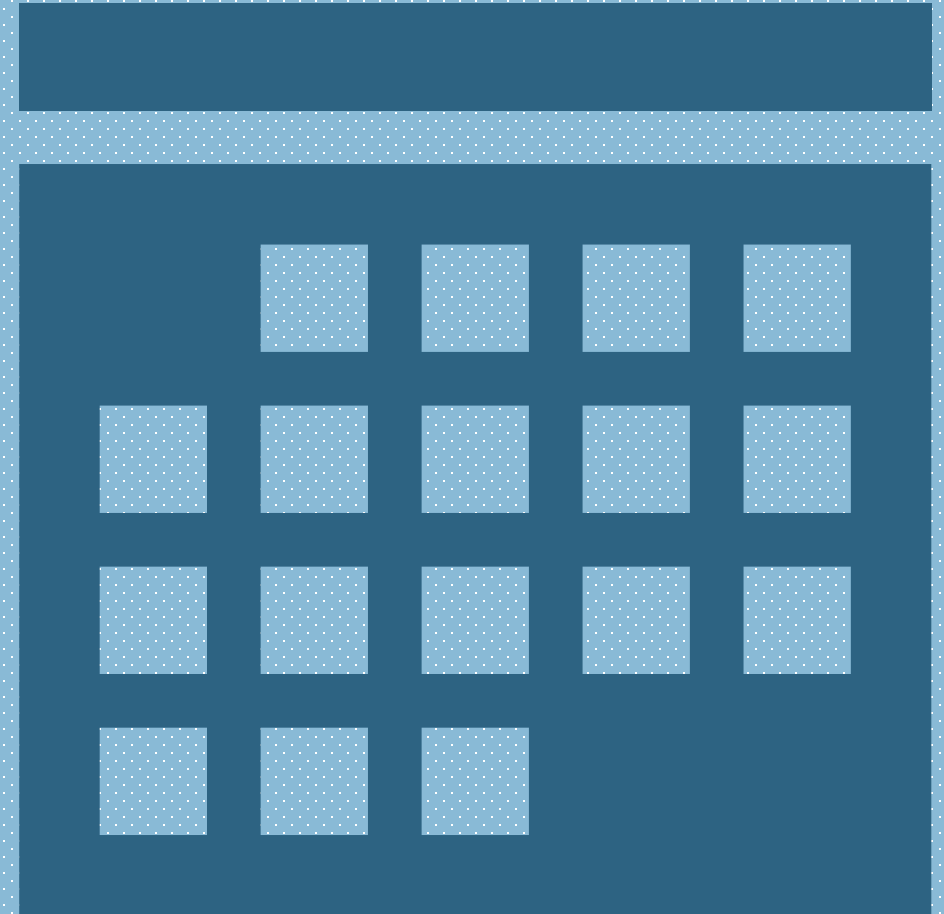


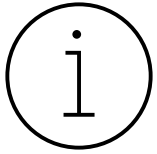
# Timeline for Standards DPP-system

1<sup>st</sup> draft for enquiry by end of March 2025

2<sup>nd</sup> draft ready for formal vote by December  
31<sup>st</sup>, 2025

Publishing of the standards for the DPP-system  
in the Official Journal of the EU by spring 2026





## Other relevant projects regarding DPP-system

### Digital product passport – rules for service providers (Q4/2024 – Q4/2025)

- 2024/Q4 – call for evidence
- 2024/Q4 – 2025 Q1 – Public consultation
- 2025/Q1-Q3 – Draft act
- 2025/Q4 – Commission adoption on "Digital product passport – rules for service providers"

### Defining requirements for the inclusion of data and information in Digital Product Passport (2025)

- Information types to include in the product passport
- Rules for when the passport applies at model, batch, or item level
- Responsibilities for entering and updating passport information

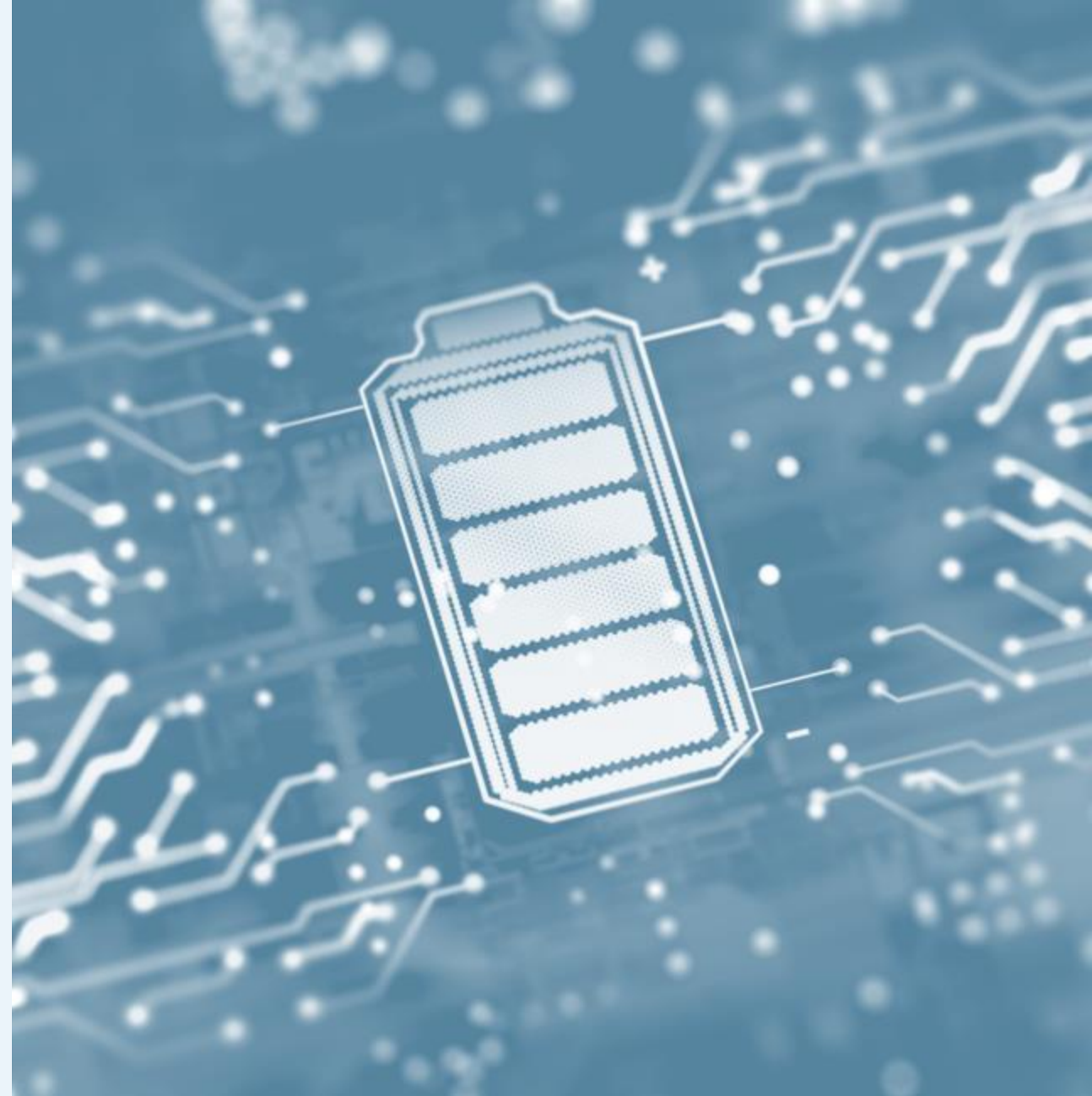
# Start of the DPP

## 2027-02-18:

- Digital passport for batteries >2kW

## 2027 – Q3:

- Delegated act for DPP for construction products entering into force Q3 2028



# What is the next step?

We need to start discussing the effects of the DPP on national regulations!





DIREKTORATET  
FOR BYGGKVALITET

# Thank you very much

Dr. Martin Schreck

Norwegian Building Authority

E-mail: [msc@dibk.no](mailto:msc@dibk.no)