CONSTRUCTION PRODUCTS EUROPE

Digital Construction

Workshop

Brussels, 7th October 2025

BMP PMC

Belgian Construction Materials Manufacturers

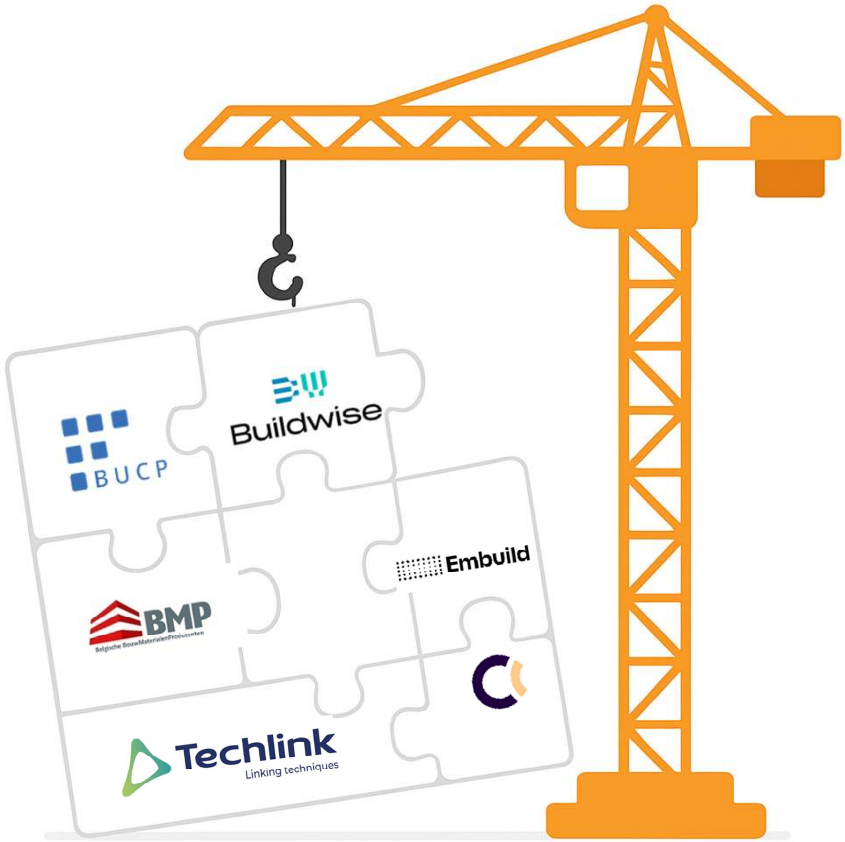
Building the Future Together digital

A Shared Framework for Smart, Secure, and Standardized Data Exchange in Construction

Presented by Frank Vanhove President of BMP/PMC

Intro Parties

“Together, we build a smarter, safer, and more connected construction sector.”

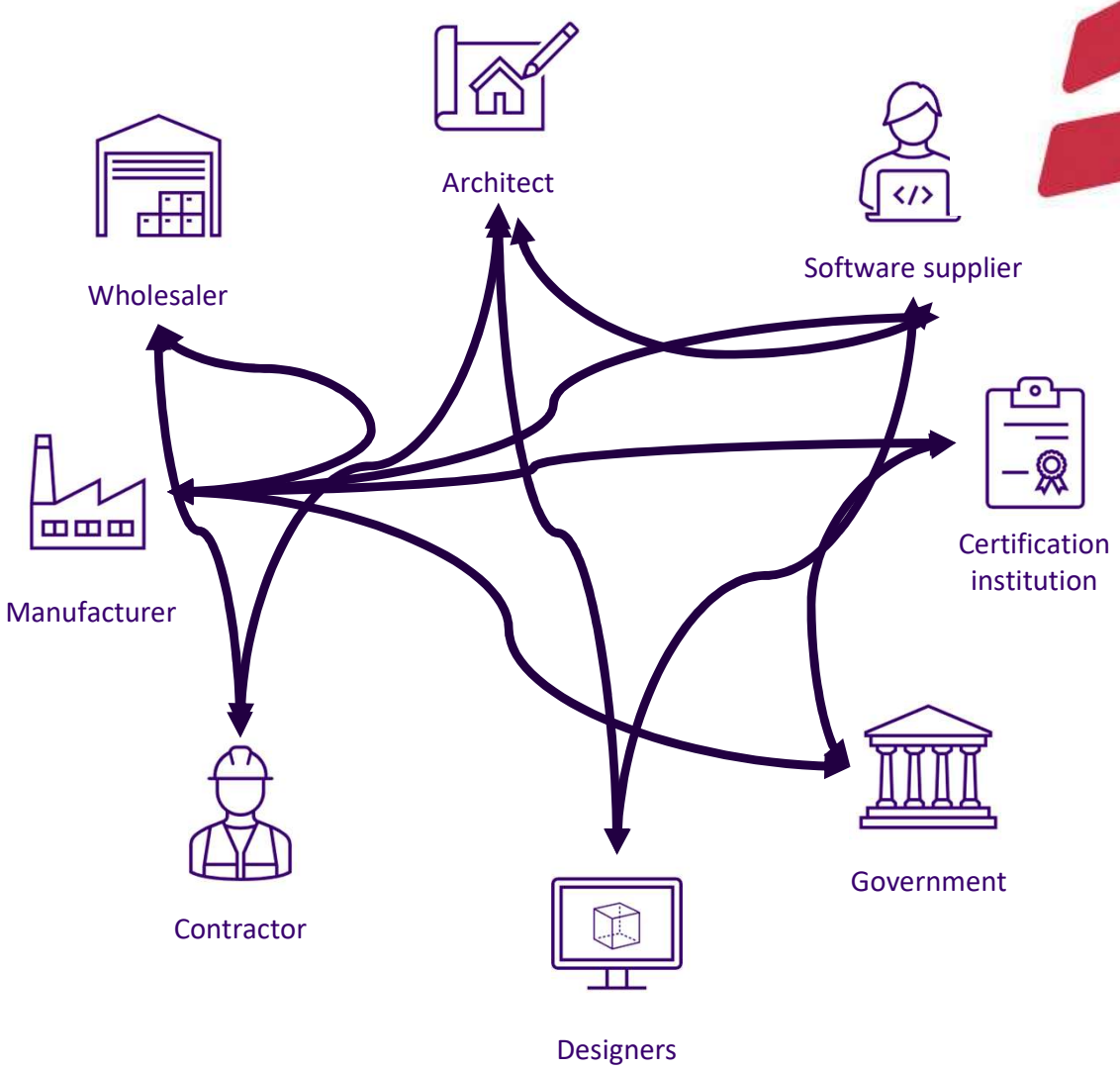


Problem definition

- Inefficiency due to manual work
- Risk of errors, no single source of truth
- Difficult reporting
- Little transparency across the chain
- Brake on innovation

In combination with:

- Other priorities due to economic context
- Unclear added value for some stakeholders
- European obligations that exert pressure to diigitize



The Goal

- To create a sector-wide agreement framework fo product data exchange that:
- Enables seamless integration between applications
- Supports both open and confidential data
- Ensures data sovereignty and access control
- Leads to:
- More efficient collaboration
- Higher data quality
- Better reporting
- New opportunities for innovation



Principles for the appointment system



Results based on vision



Coalition of the willing



Go/no go moments



Distributed



Sovereign



International



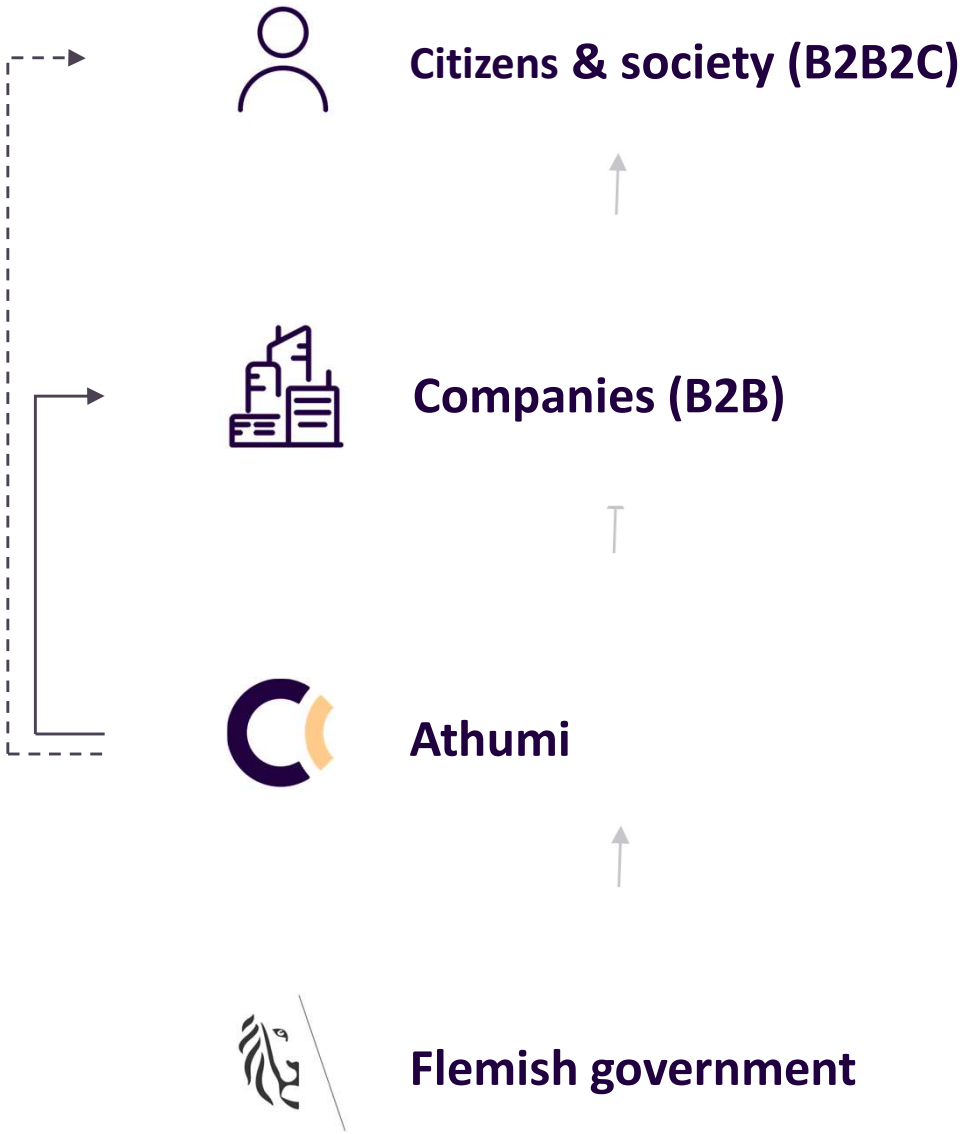
Accessible



Building on existing standards

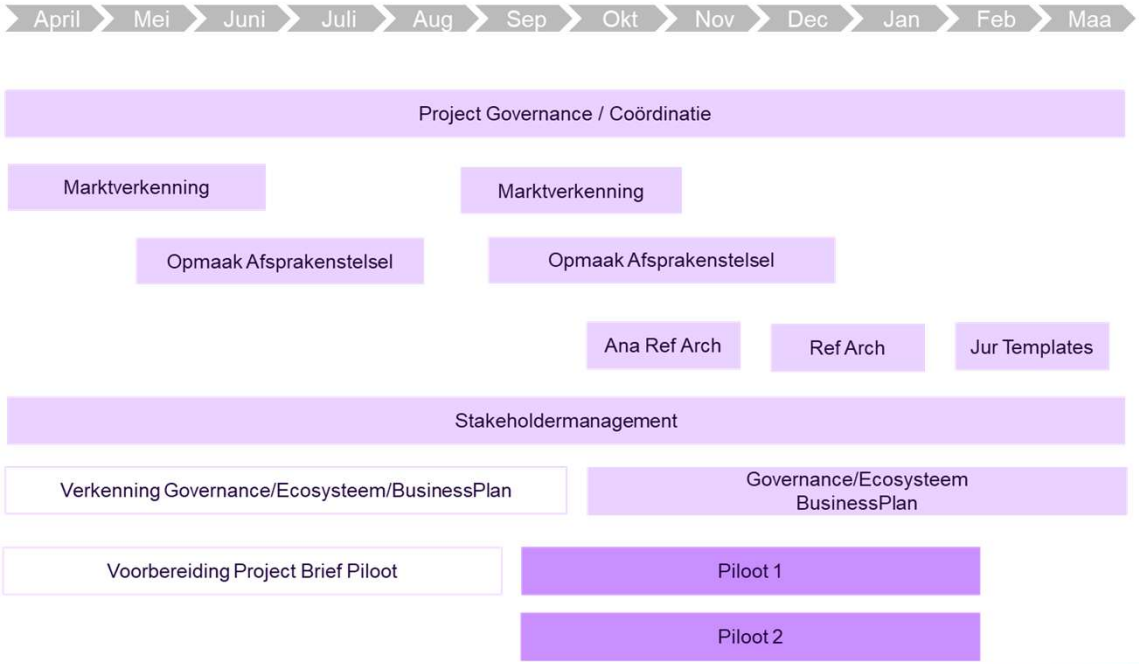
Why Athumi?

- Athumi empowers businesses to unlock the value of data—securely and transparently.
- It enables:
- - B2B collaboration
- - B2C innovation
- - Trust and control over data usage
- Backed by the Flemish Government



Approach

- Charter development
- Stakeholder engagement
- Pilot projects
- Reference architecture
- Ecosystem track (roles, governance, financing)



The Charter

- Why a charter?
- The sector is broad and evolving
- Stakeholders have different needs and responsibilities
- We need shared understanding and decision-making
- Start with the most granular data object: construction products

Construction products













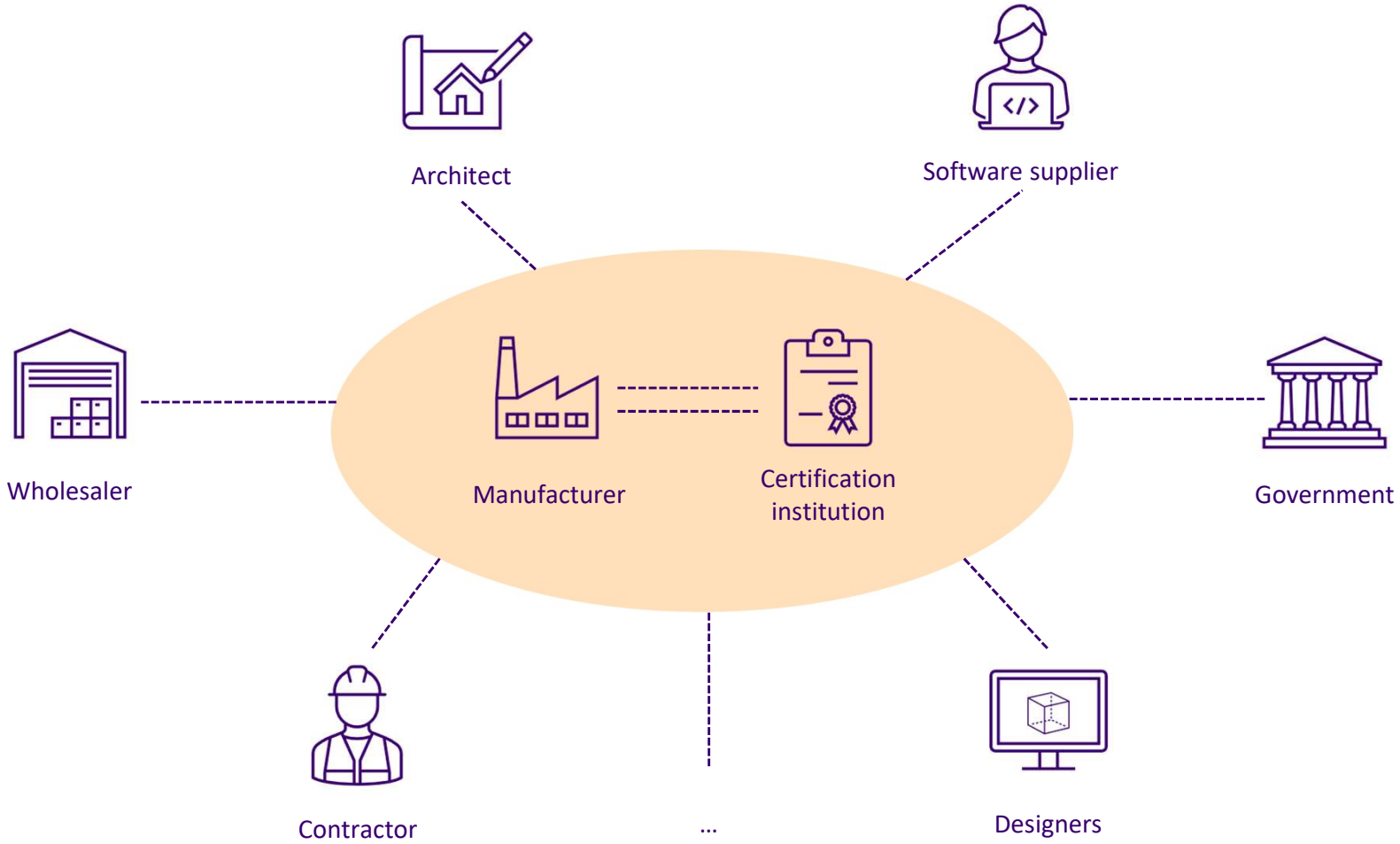


Charter Principles

- Purpose-driven
- Interoperable
- Distributed
- Future-proof
- Inclusive
- Cost-efficient
- Sovereign
- Applicable



Stakeholders

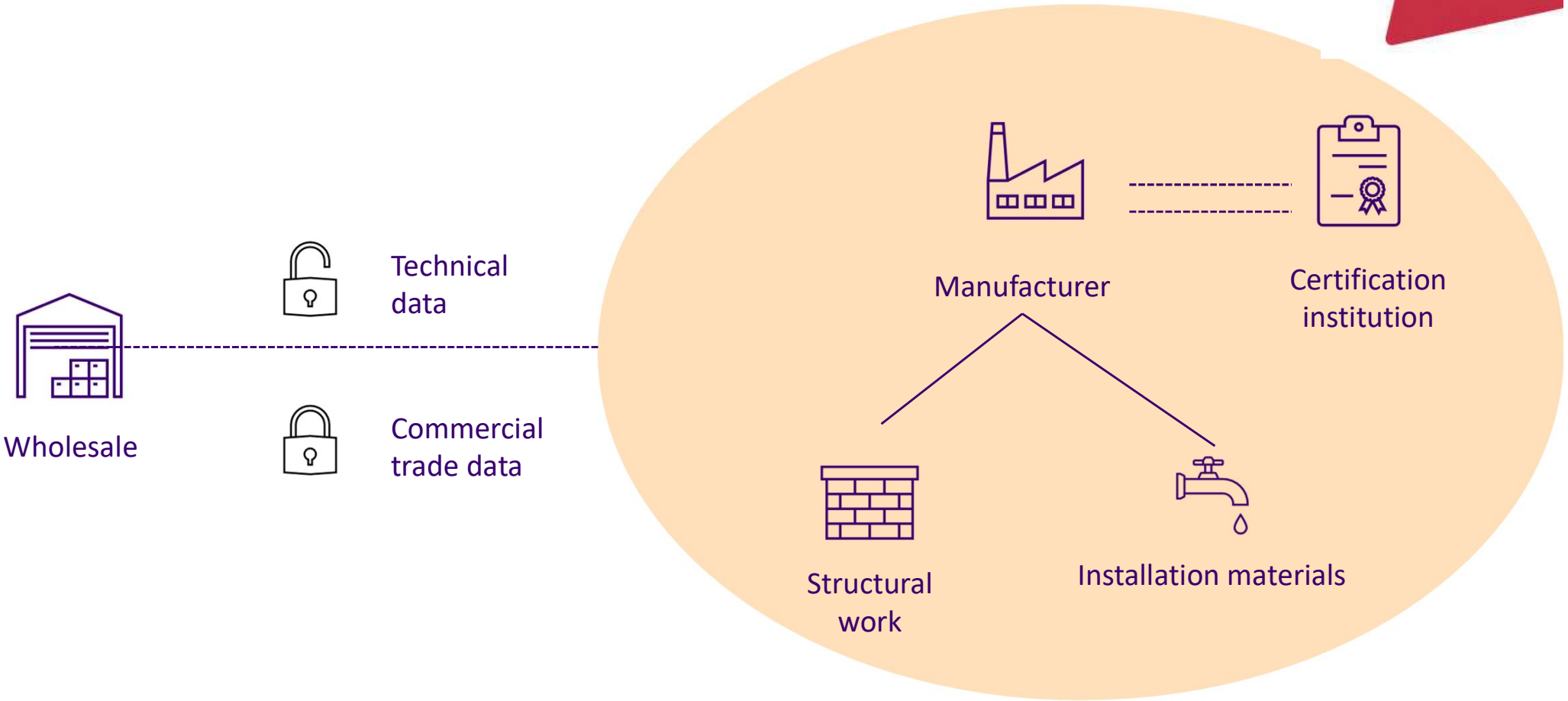


Pilot Projects

- Focus on product identification, technical specs, and commercial data
- Start with raw construction materials and installation products
- Use pilots to test and refine the framework



Pilot project ex.



What's next?

<u>What specifically is on the agenda for the fall?</u>

- Start-up of pilot projects

Analysis and development of reference architecture, technical charter, in function of and applied to pilots

- Start-up of ecosystem track

Four working sessions on topics including roles and responsibilities, value streams, governance and financing model

<u>In January: feedback via information session</u>

Progress can be monitored at any time via
https://athumi.eu/digitalisering-binnen-de-bouwsector



Q&A

- Let’s shape the future of construction—together.

