

Momentum for BIM in the EU

6th National BIM-Congress in Porto

University of Porto, 19 June 2026

Milena FEUSTEL (Chair of the EU BIM Task Group)

WHO? WHY? WHAT?

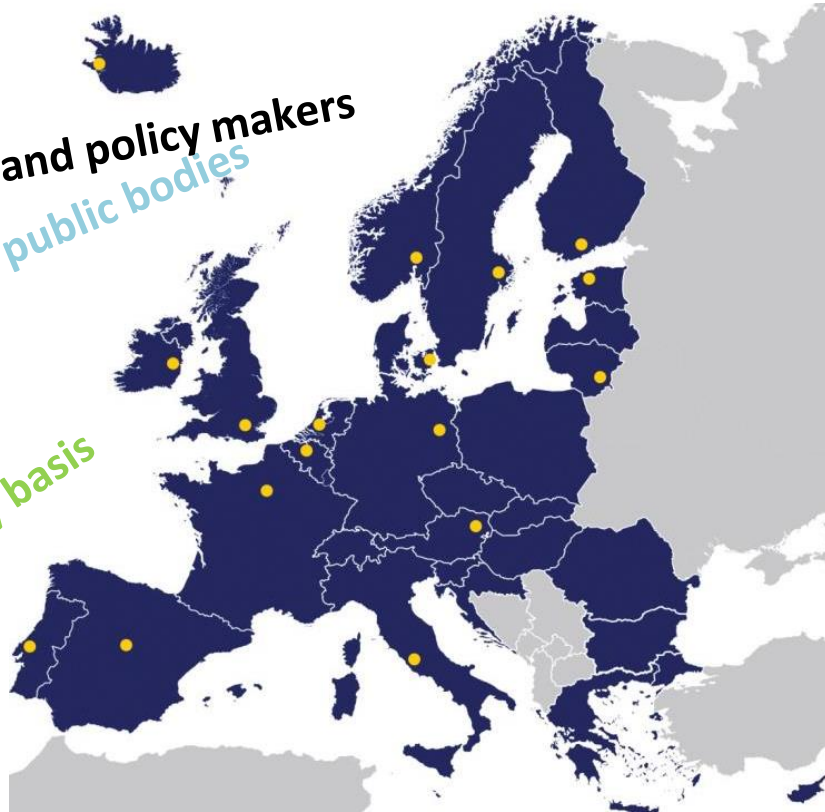
31 European states

91 public clients and policy makers

national, regional and local public bodies

**pioneers, enthusiasts,
experts and beginners**

on a voluntary basis



Austria, Belgium,
Bulgaria, Czech
Republic, Croatia,
Cyprus, Germany,
Greece, Denmark,
Estonia, Finland, France,
Germany, Greece,
Hungary, Iceland,
Ireland, Italy, Latvia,
Lithuania, Luxembourg,
Netherlands, Norway,
Poland, Portugal,
Slovakia, Slovenia,
Spain, Sweden,
Switzerland, Ukraine

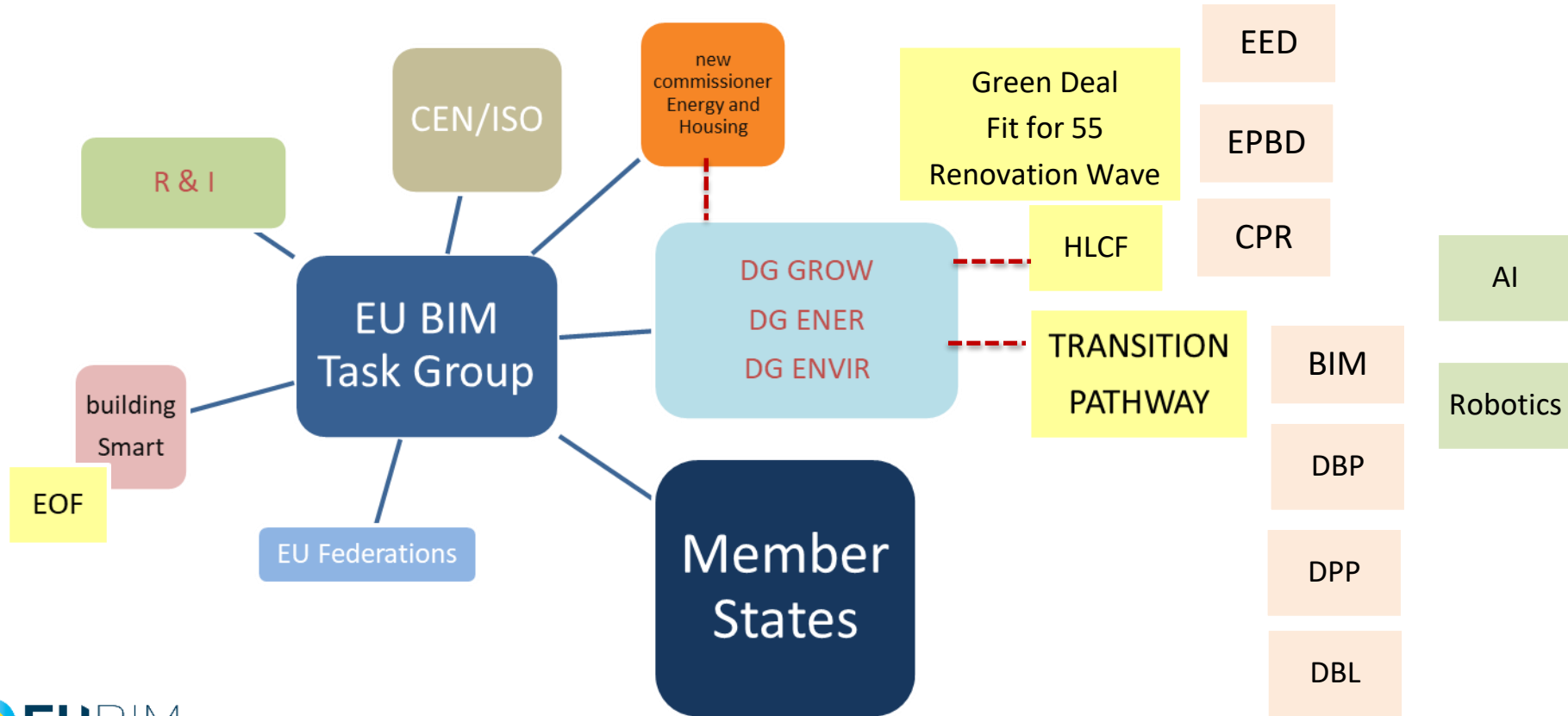
WHO? WHY? WHAT?

European group of **public clients and policy makers** who bring together the collective expertise and purchasing power for a **successful implementation of BIM** in Europe.

We support public clients responsible for the built environment to implement digital transformation in practice



STAKEHOLDER



WHO? WHY? WHAT?

A

Ensure the best value for public money

B

Improve transparency and outcome of public projects

C

Support a productive + sustainable EU Single Market

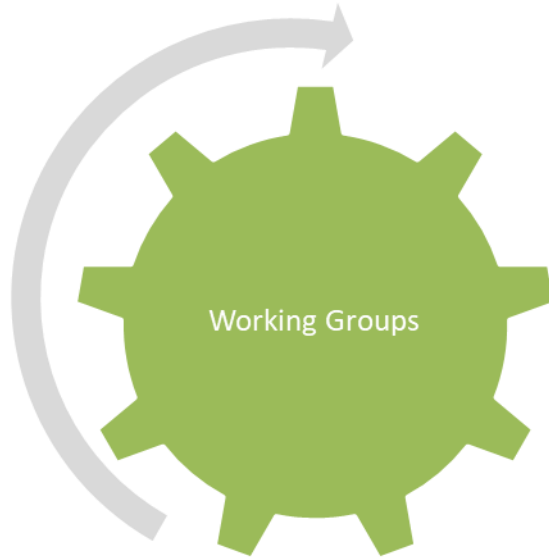
D

Ensure seamless exchange of digital information

E

Foster public authorities dedication to open BIM

WHO? WHY? WHAT?



**BIM for Digital
Building Permits**

**Handbook BIM and
Twin Transition**

**BIM for Digital
Building Logbooks**

**Collaboration with
bS/EOF**

**BIM for Affordable
Housing**

**Security issues when
using openBIM**

WHO? WHY? WHAT?

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Bringing together national efforts into a common and aligned European approach to develop a world-class digital construction sector.



WHO? WHY? WHAT?



- 2021: EU Task Group Position Paper to the European Commission **“Accelerating the Green, Digital and Resilient Transition by Implementing Building Information Modelling in Public Procurement “ + UPDATE 2025**
- 2021: **Cost-Benefit-Analysis for the use of BIM in Public Procurement:**
Methodology and Tool
- Study 2024 (pwc) **Digitalisation of the Built Environment**
- 2025 **Toolkit on Digital Building permits for Municipalities**
- Short Study 2025: **Development of a business case on the concept and potential impact of implementing Digital Building Permits (DBP) within the EU construction sector**

WHO? WHY? WHAT?



- Short Study 2026: **Support to the impact assessment for the revision of the EU public procurement directives – Expert support on the potential impact of the introduction of BIM Requirements in the public procurement directives**
- 2026: **Study on the state of play of building permits for housing in the EU, and impact of implementing measures to streamline, shorten and digitalise the process (AB)**
- 2026: **HANDBOOK 2.1** for Implementing Building Information Modelling by the European Public Construction Sector: BIM and Twin Transition: Challenges and Opportunities for EU Public Construction Clients
- Since 2021 **High Level Construction Forum (HLCF)**: contribute to the co-creation of the green, digital and resilient transition pathway for the EU construction industry ecosystem.

WHO? WHY? WHAT?

WS 1: OpenBIM in procurement and practice (*June 23/Dublin*)

WS 2: Common Data Environment (*Sep 23/Prague*)

WS 3: Implementation of BIM, organisational aspects (*Nov 23/Rome*)

WS 4: Facility management *Feb 24/Strasbourg*)

WS 5: Green IT (*May24/Nice*)

WS 6: Human Factor (*June 24/Athens*)

WS 7: Classification Systems (*Sept 24/Šibenik, Croatia*)

WS 8: Training for BIM (*Nov 24/Budapest, Hungary*)

WS 9: BIM for DBP (*Feb 25/Tallinn, Estonia*)

WS 10: Data Interoperability in the Built Environment (*July/25, B Switzerland*)

WS 11: BIM for Infrastructure (*Oct/25, Rome*)

WS 12: BIM Data Standard Dictionary and Technical Standards (*?26/Prague*)

WS1 – OpenBIM



Dublin, 1 June 2023

WS2 – CDE



Prague, 25 September 2023

WS3 – Org. Strategy



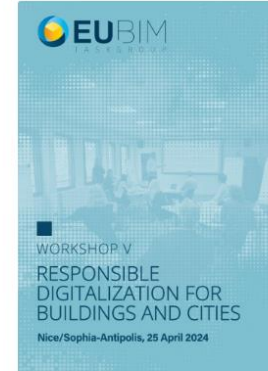
Rome, 7 November 2023

WS4 – BIM in FM



Strasbourg 20th-21st February 2024

WS5-Responsible digitalization



Nice/Sophia-Antipolis 25th April 2024

WS6-Challenge of the change



Athens 19th June 2024



245 participants from European Institutions, Member States, industry, trade unions and non-profits.
Key insights: multiple global crises (energy crisis, global trade disruptions and geopolitical risks in the Middle East), key challenge remains housing affordability: a major economic and social concern across Europe;

- **Simplifying and digitalising residential permitting** and administrative procedures: streamlining of procedures, better guidance to applicants, the bundling of applications, digitalisation and automated compliance checks, and greater flexibility and predictability in administrative processes. There was strong agreement that digital-by-default permitting systems, including one-stop shops and parallel reviews
- **Industrialisation and offsite construction**
- **Digitalisation, robotics and AI**
- **Financing and investment:** innovative instruments such as revolving funds, housing bonds and other mechanisms to help scale up the delivery of affordable housing.
- **Securing access to raw and secondary materials**
- **Ensuring access to services and skills:** through training, improved work organisation across the value chain and more attractive career pathways in the sector.

First Robotics in Construction Workshop

29. April 2026

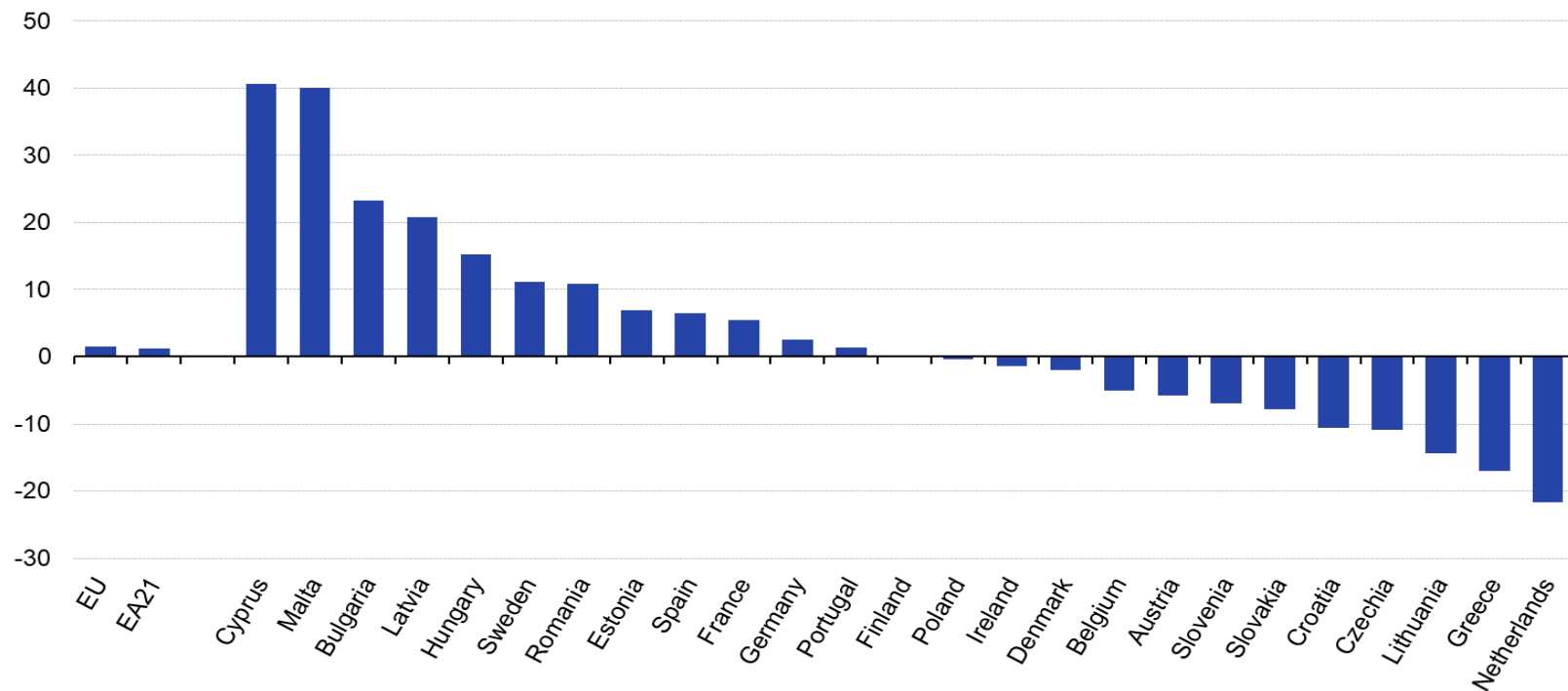
DG GROW brought together a diverse group of representatives from the European Commission, industry associations, construction and robotics companies, equipment manufacturers, and financial institutions. The event confirmed the importance of a coordinated European approach.

Key insights:

- Robotics is already **moving beyond experimentation** into practical deployment. Applications such as site scanning and inspection, rebar assembly, masonry, robotic drilling and fastening, demolition, 3D concrete printing, material handling and infrastructure maintenance are demonstrating clear benefits in terms of quality, speed, safety and reduced physical strain on workers
- Robotics is increasingly **important for the competitiveness and resilience of Europe's construction sector**: it has the potential to help address some of the sector's most pressing challenges, including labour shortages, productivity constraints, housing demand, safety considerations and the need for more sustainable and efficient construction methods
- It became clear that **scaling robotics** in construction will **require more than technological readiness alone**. A recurring theme was the **need for stronger digital foundations**: BIM, digital twins, digital permitting and machine-readable project data.
- Further focus was on the importance of **workflow integration, skills development, accessible finance, regulatory clarity and business models** that can support uptake by SMEs, such as rental or robotics-as-a-service models.

Building permits in terms of useful floor area

rate of change between 2024 and 2025 (%)



Source: Eurostat (online data code: sts_cobp_a)

eurostat 



EUROPEAN COMMISSION

[European Commission](#) > [DocsRoom](#) > [Document detail](#)

Toolkit on Digital Building Permits for Municipalities

Document date: 15/01/2025 - Created by GROW.H.1 - Publication date: n/a - Last update: 15/01/2025

Download links:

[Toolkit on Digital Building Permits for Municipalities](#)  (5 MB)

The initiative of the European Commission is not to impose a top-down approach, but to foster a vision through policy priorities and general tools.

This allows Member States to adopt their policy initiatives with the pace and methods that better suit them, recognizing the specificities of national regulatory frameworks and digital maturity

Last update: 15/01/2025 | [top](#)

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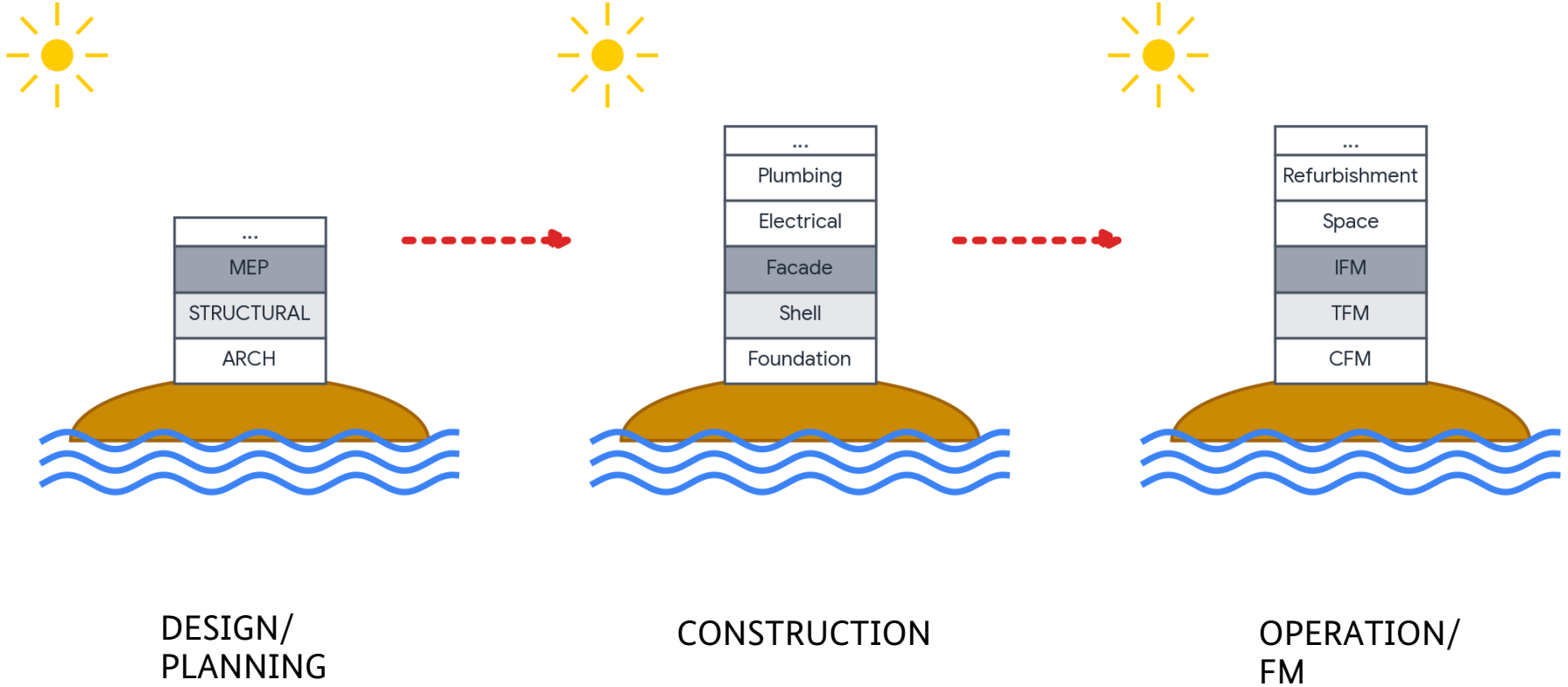
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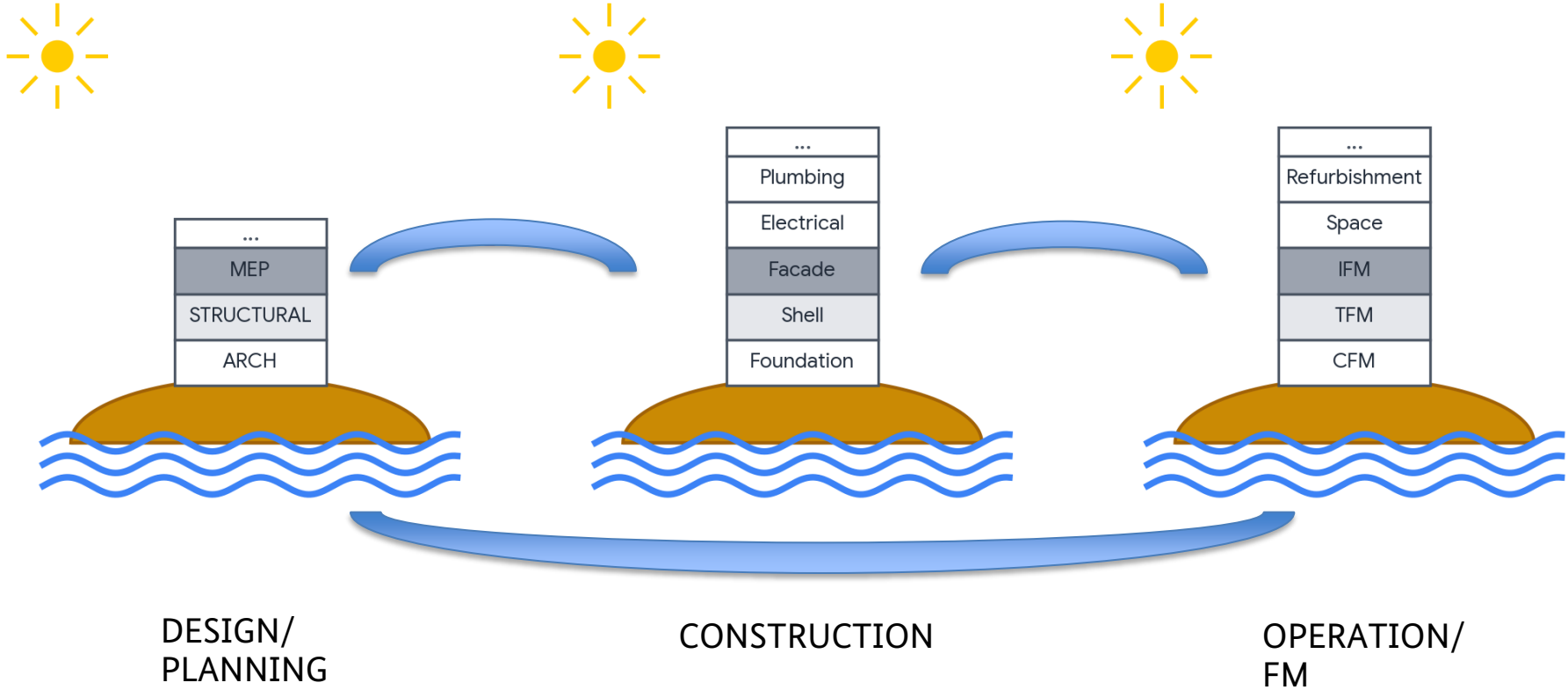
Document keywords

- [construction policy](#)
- [digitisation](#)
- [building permit](#)

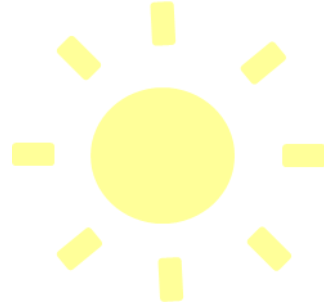
Status Quo: Data Islands



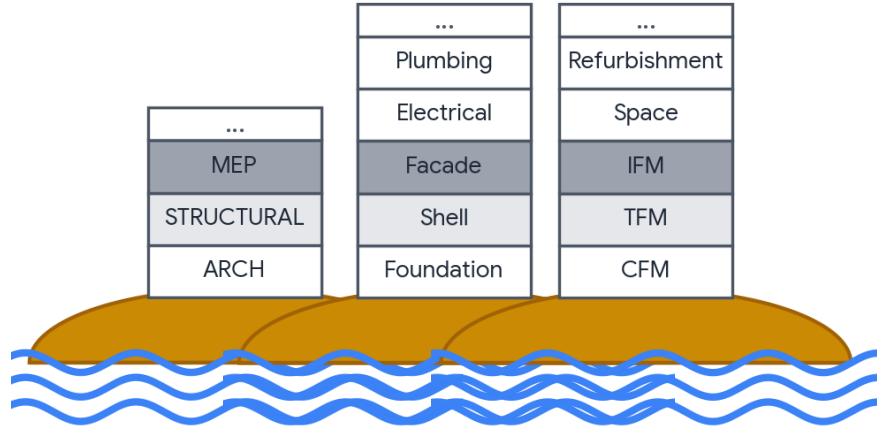
Bridging Data Islands



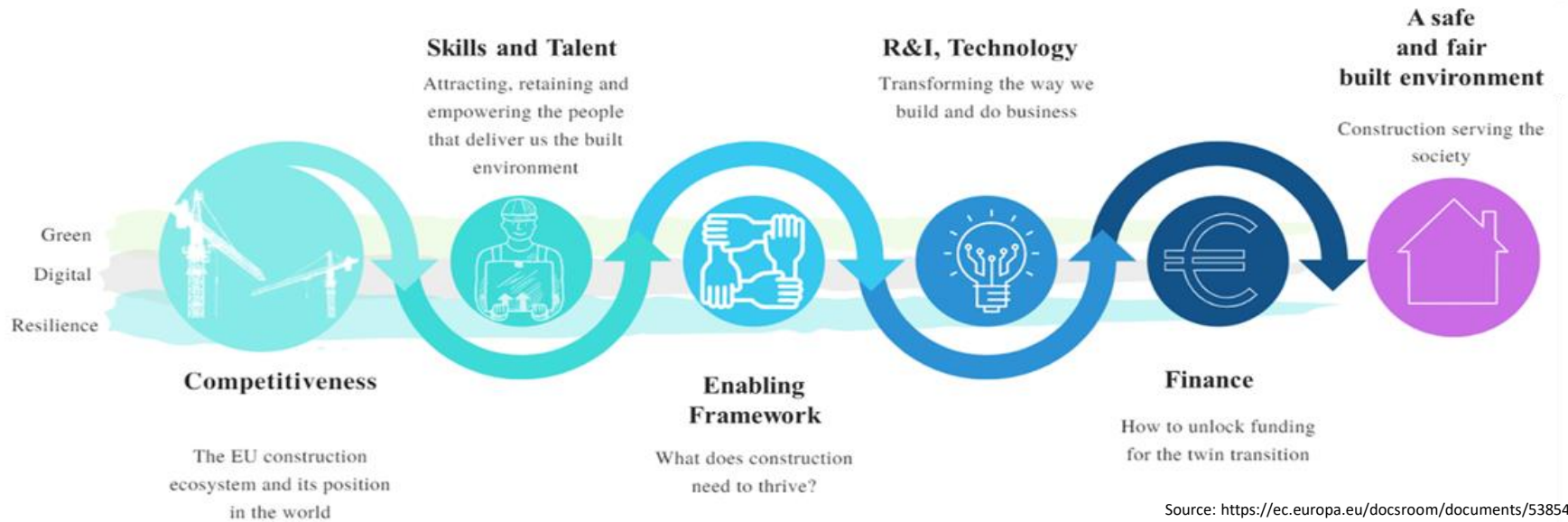
Our Goal: Database



Brigding Data Islands
Data consistency
Smart data managemnt
Mastering Complexity



EU CURRENT FOCUS – EU TRANSITION PATHWAY



Source: <https://ec.europa.eu/docsroom/documents/53854>

BIM

Public Procurement
with BIM

Building Permissions
with BIM

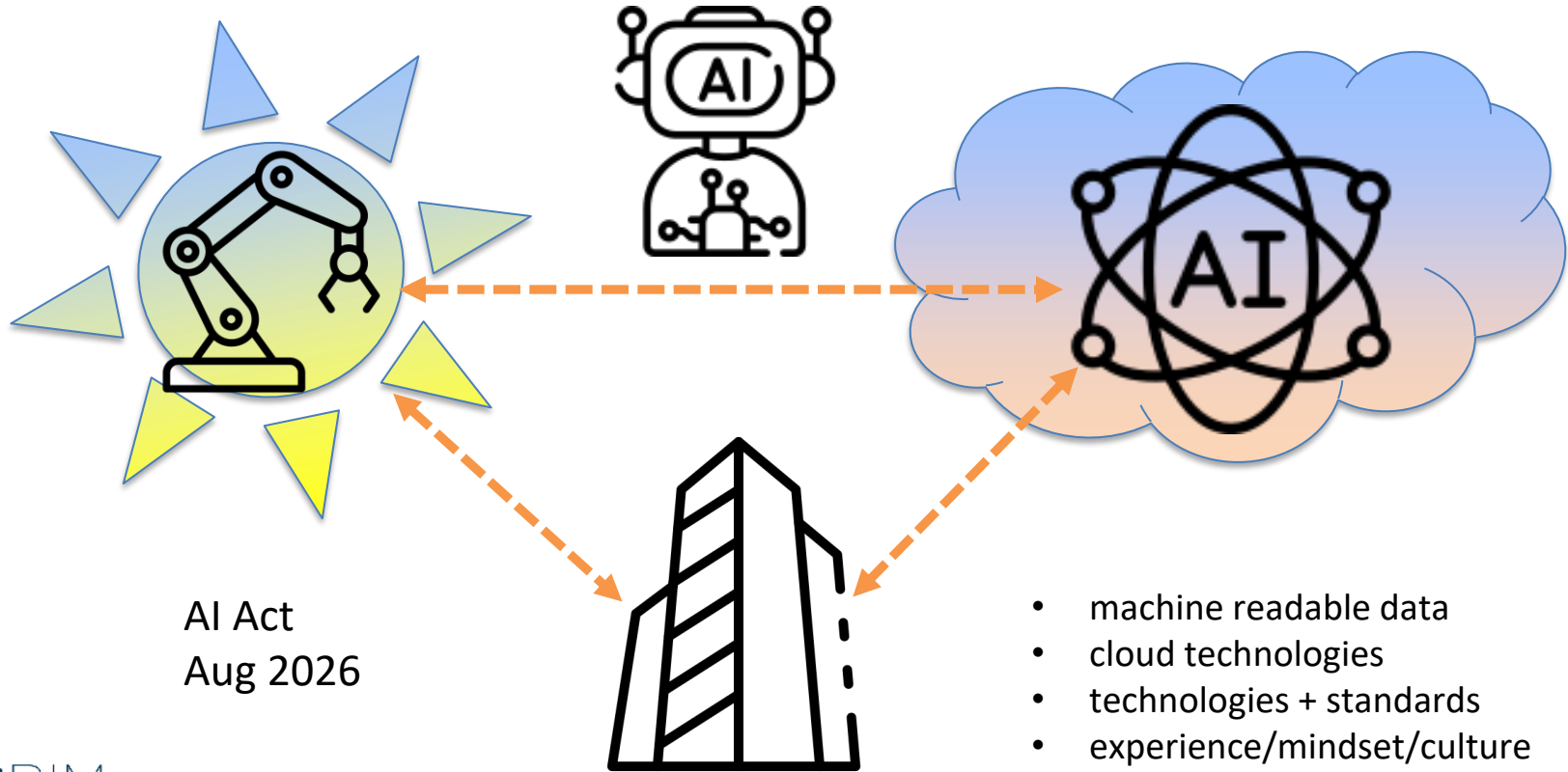
Design and
Construction with BIM

Operation with BIM

Renovation
with BIM

Data Repository (DBL)
with BIM

openBIM for AI and robotics



THANK YOU!

Milena Feustel

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