

Industry 4.0 for Construction

Construction Summit 2024
Masterclass



Formwork and Scaffolding
We make it work.

Digitalisation is not a question of IF but how and when

There is no alternative to digitalization – construction industry has to catch up

Digital enablement has emerged as an imperative across most industries and the construction industry is no different.

Driving value for capital projects with digital, Accenture, 2021

There is a consensus that digitalization is both inevitable and pivotal for the competitiveness and sustainability of the European construction sector.

Digitalization in the construction sector, European Construction Sector Observatory, 2023

The construction technology ecosystem is shifting toward integrated software platforms that better serve customer needs.

Rise of the platform era: The next chapter in construction technology, McKinsey, 2022

Does it matter ?



Do you have a clear business case ?



Do you approach it in a structured way ?



Industry 4.0 already improves other industries

Applying Industry 4.0 to the construction industry



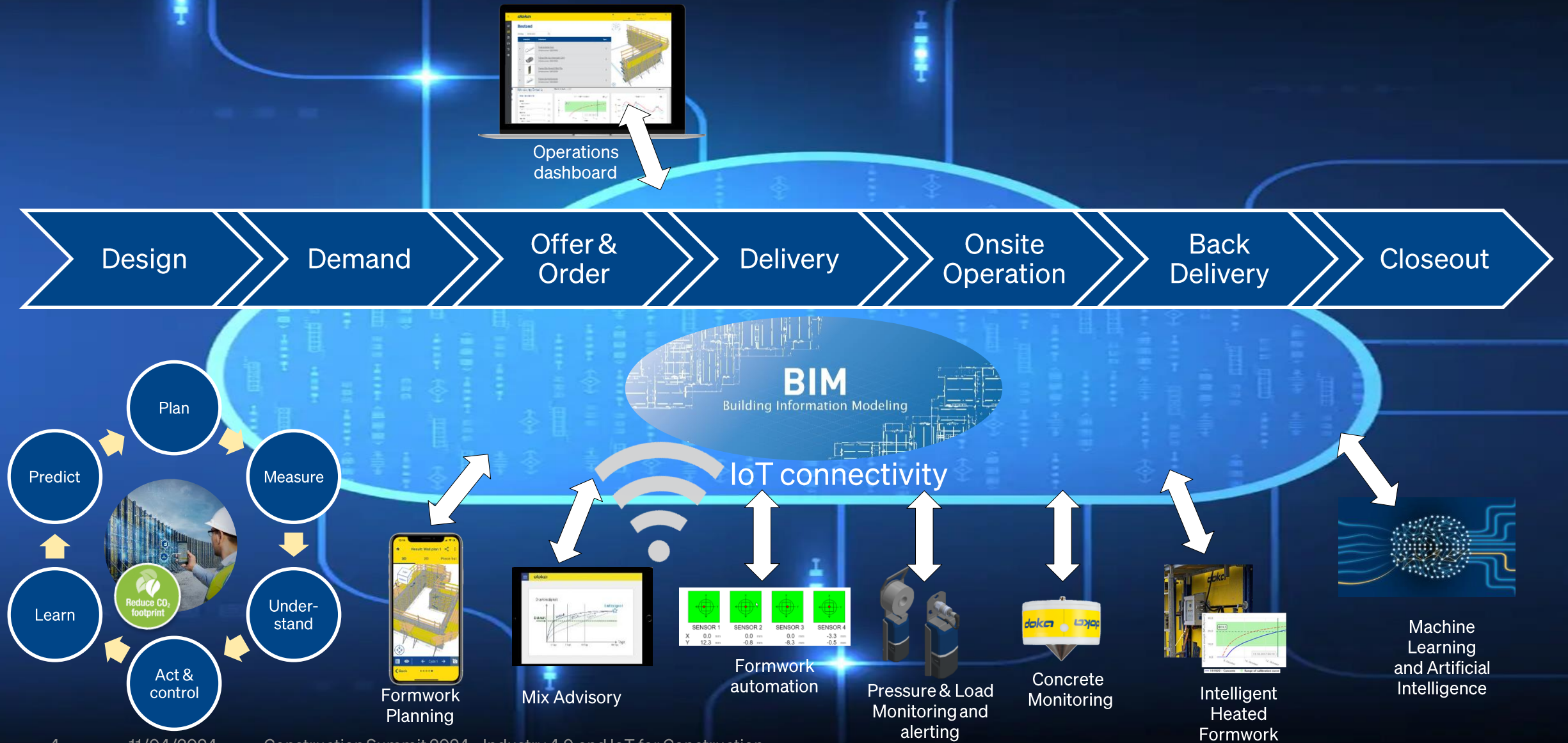
Source: Plattform Industrie 4.0



Source: Future of Construction

- Horizontal integration – seamless digital process along the value chain
- Vertical integration – IoT for integrating sensors and data from the shopfloor (-> construction site) to your processes
- Applying sensors, BIM, Advanced Analytics, AI, robots to automate processes and equipment and support informed decisions

Construction 4.0 for Formwork and concrete

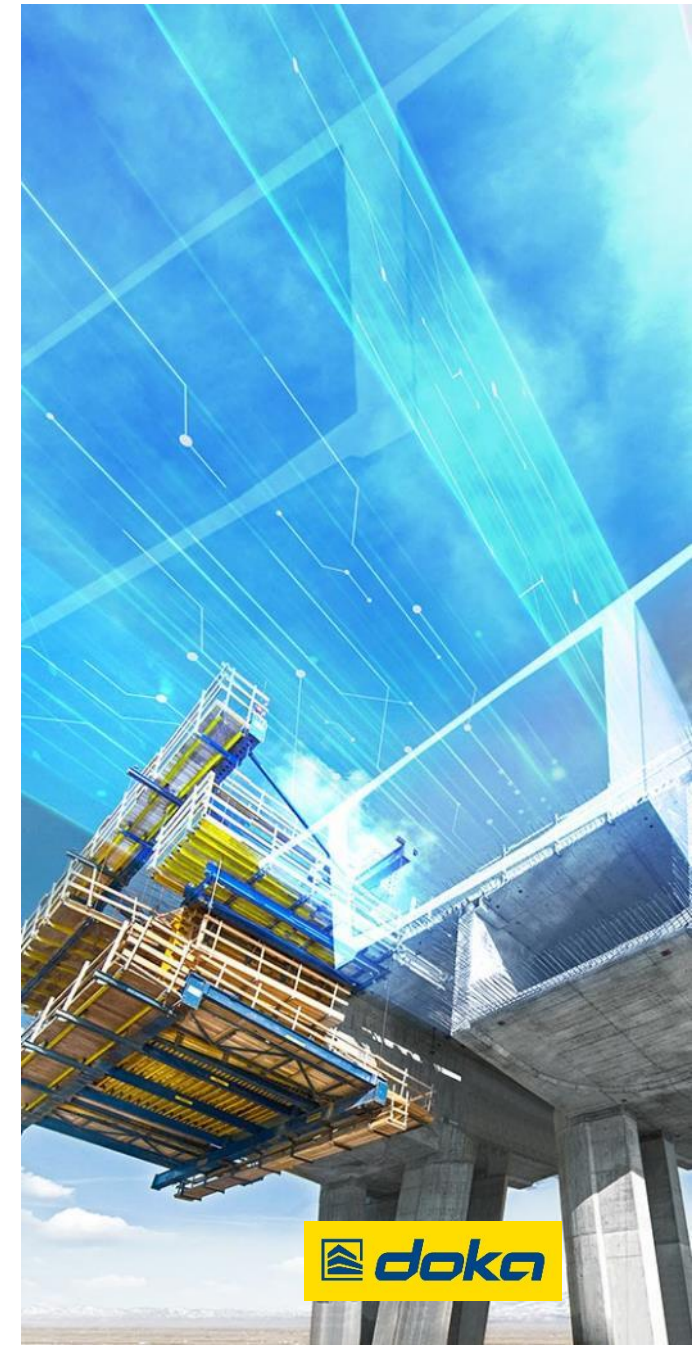


Conclusions – call to action

Industrialize construction processes

- Define your business case - What do you want to achieve (1-3-5 years) ?
- Involve your management and setup an agile program management
- Identify affected processes and where to start (quick wins, highest gain)
- Leverage existing technologies (sensors, IoT, Advanced Analytics, AI)
- Automate processes
- Take the learnings and optimize your business

Be sustainably successful



Let's get in touch

Meet us at Booth C 07



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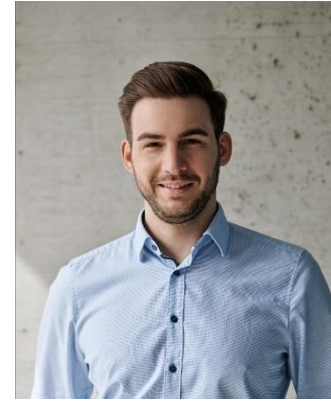
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