Dalux

Augmented Reality for everyone

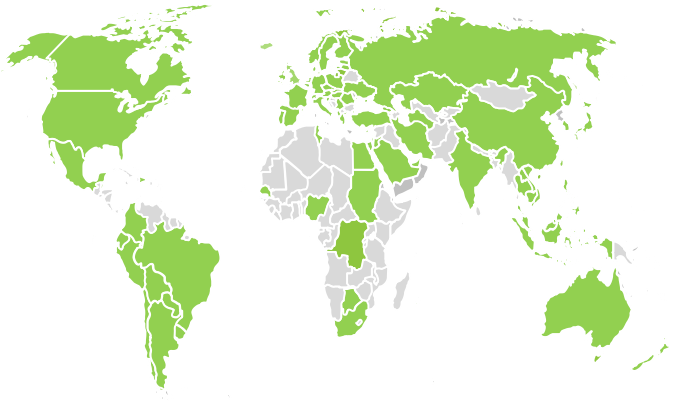
Who is Dalux?

Danish Software company

Developing software for AEC industry

+110 employees in 9 countries

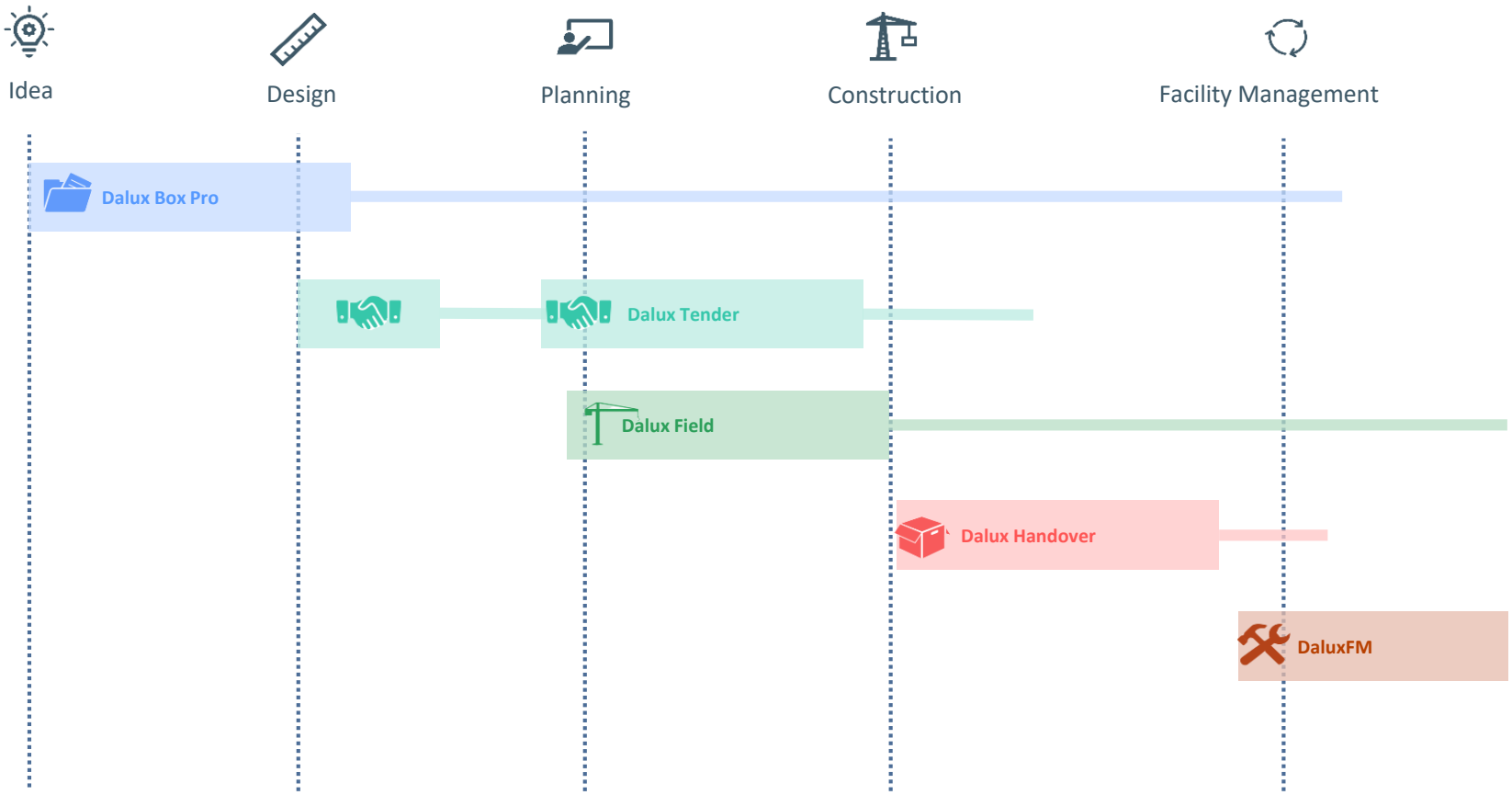
Leading in BIM



bam JACOBS KAJIMA RAMBOLL

MULTIPLEX BOUYGUES STRABAG ferrovial

Dalux
Products



The Dalux Product

Market leading software with focus on:

- **BIM** – Dalux has developed its own integrated BIM and AR solution
- **User friendly** – Dalux is developed for the users on site
- **Mobile** – Dalux has developed apps for mobile tablets – Both offline and online use

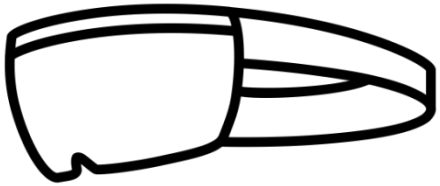
Minimum viable product

Dalux
Augmented Reality

- Combination of the real world and computer-generated graphic
- In the AEC industry: BIM models combined with the construction site
- AR makes its possible to se what you are going to build (CON) and handle what has been build (FM)

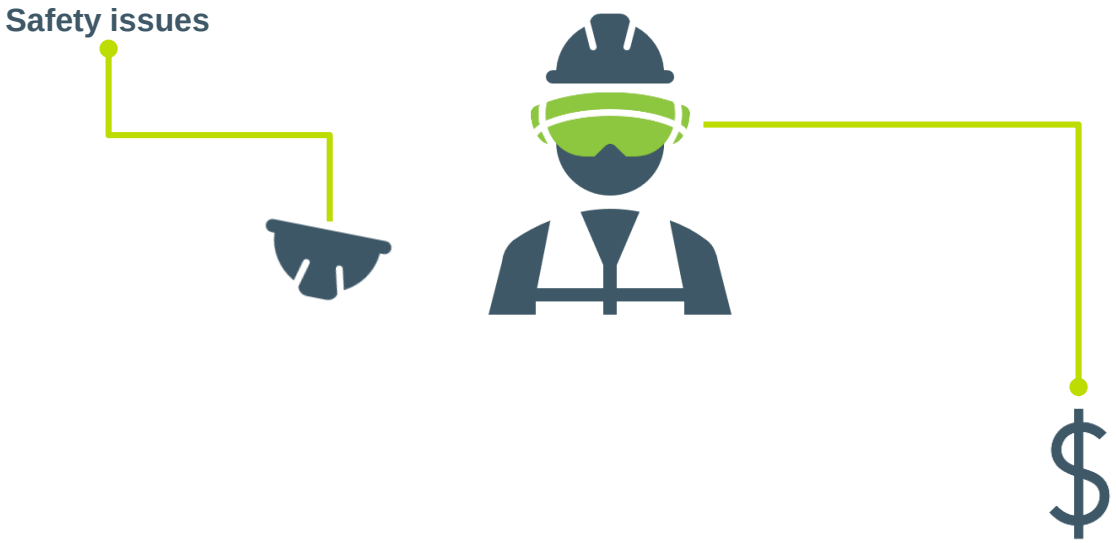
Google HoloLens announced in 2016

HoloLens: A solution for displaying 3D in the real world



CTO of Dalux found it obvious that our 3D render should run on a HoloLens

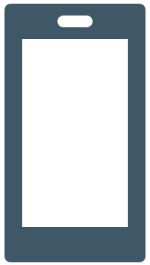
Our skateboard – Proof of concept



Our bike – Commercially working

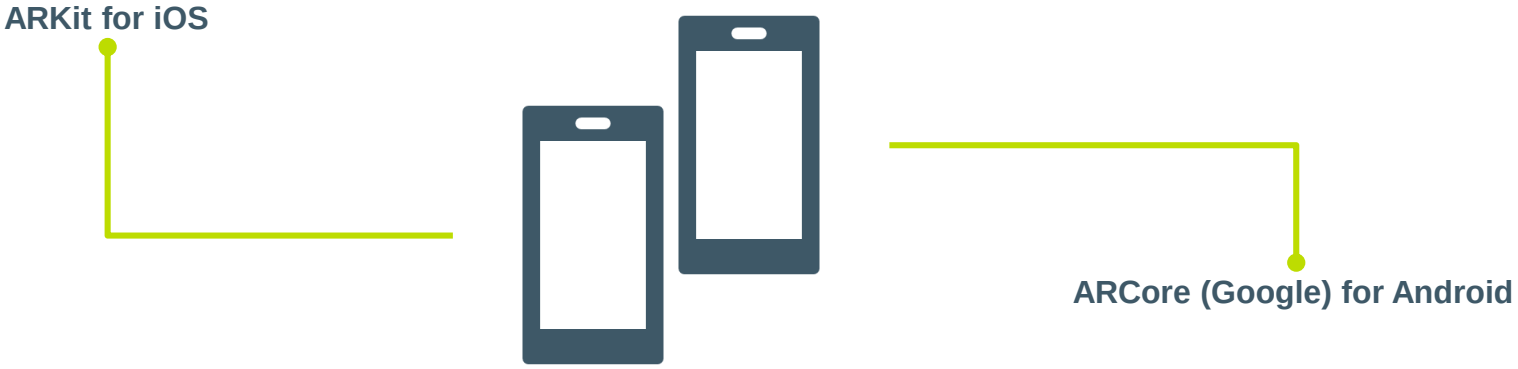
Very few devise used Tango

Google Tango

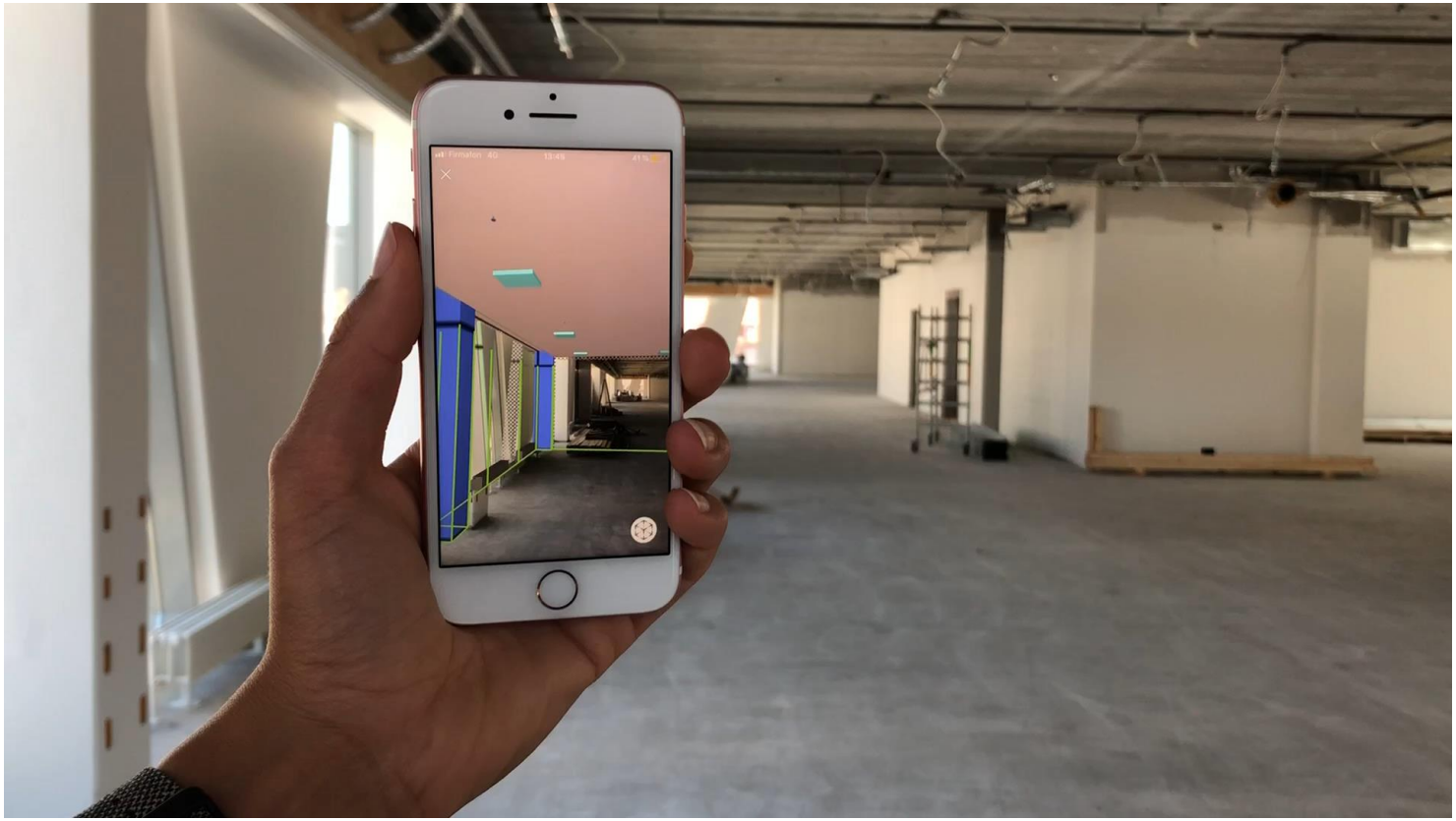


Google ended support for Tango on March 1, 2018

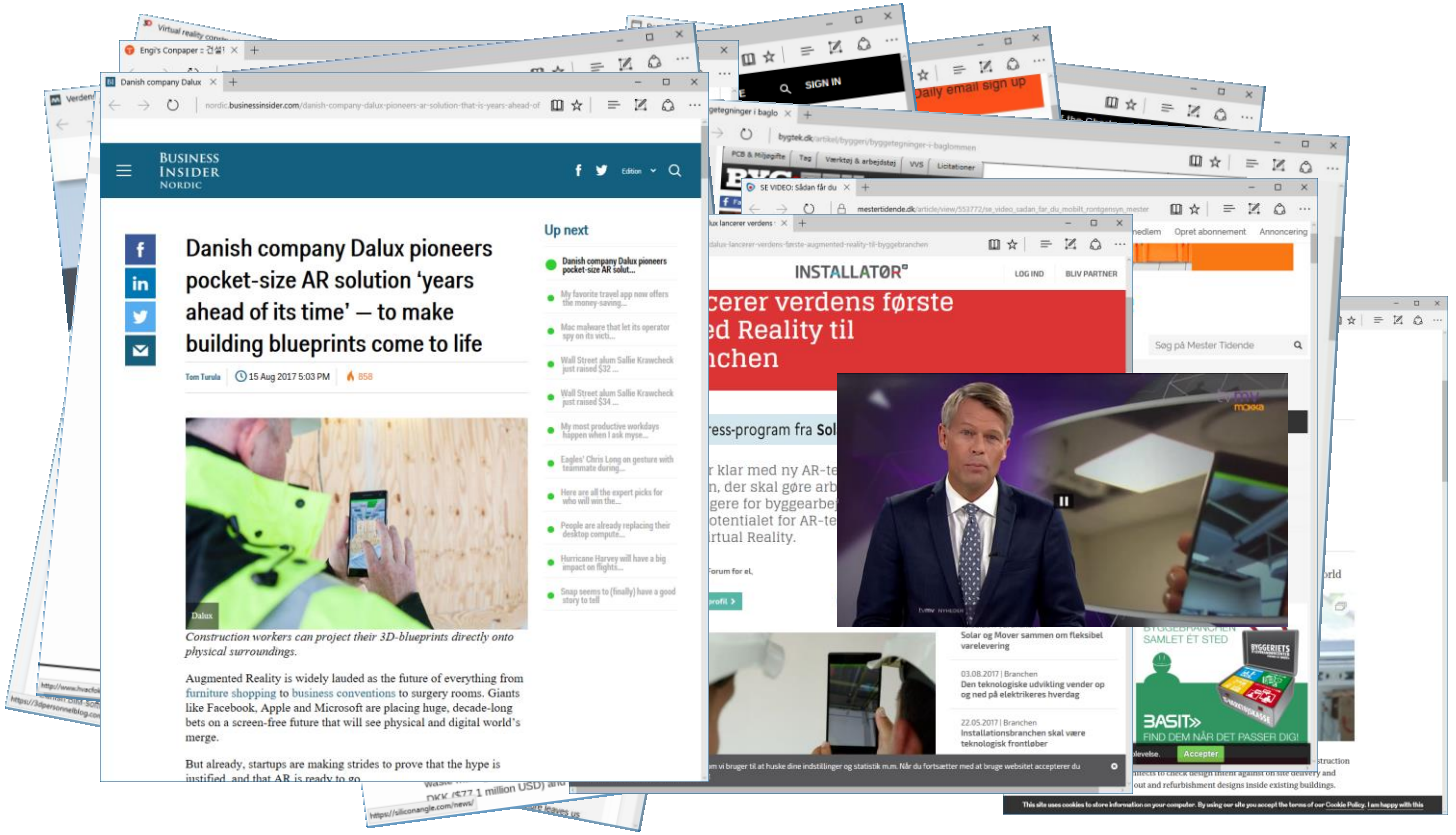
Our Motorcycle – ARKit and ARCore



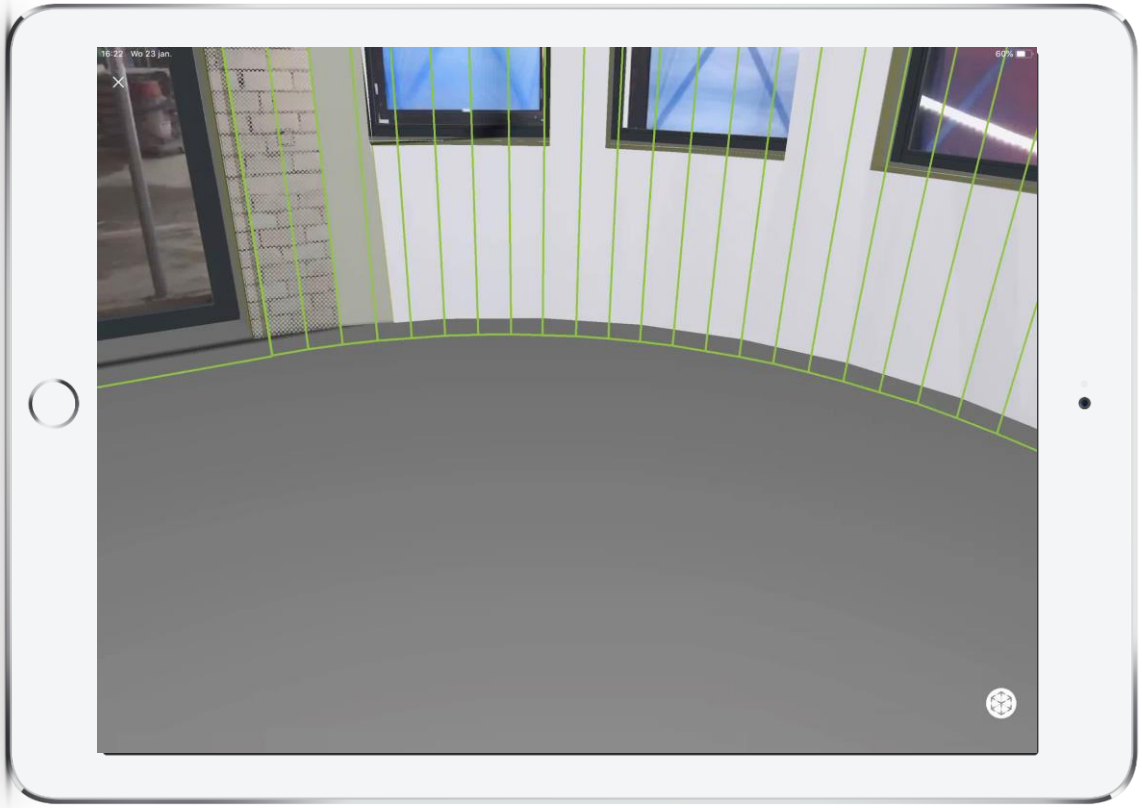
Our “Motorcycle” – ARKit



All over the news!



Our “Car” – ARKit and ARCore



Video from Züblin using AR on site

Dalux
Felix O’ Hare & Co Ltd

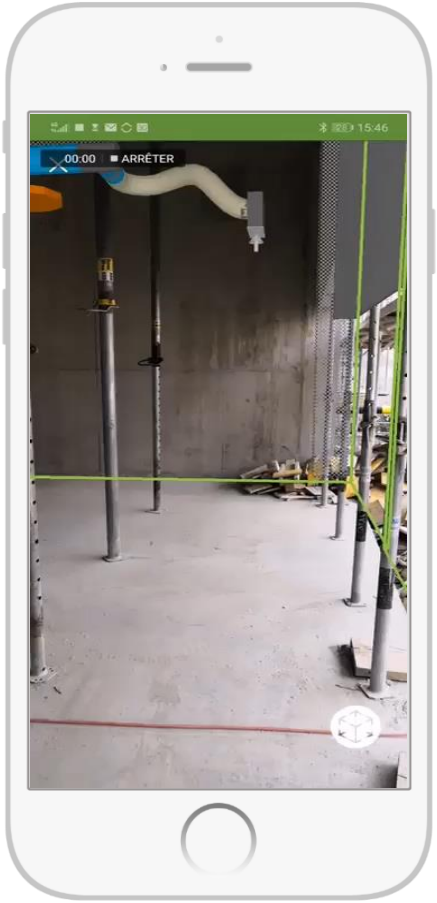
“Dalux has been a fantastic tool that has enabled a very **smooth transition** to this new way of working across a number of our sites, **it has also shaped our processes and workflows to help us become even more productive than previous years**. All of us at Felix O’Hare & Co Ltd. are delighted to become the first corporate customer for Dalux in all of Ireland,”

Tells Rori Millar MCIAT, Head of Digital Construction at Felix O’ Hare & Co Ltd.

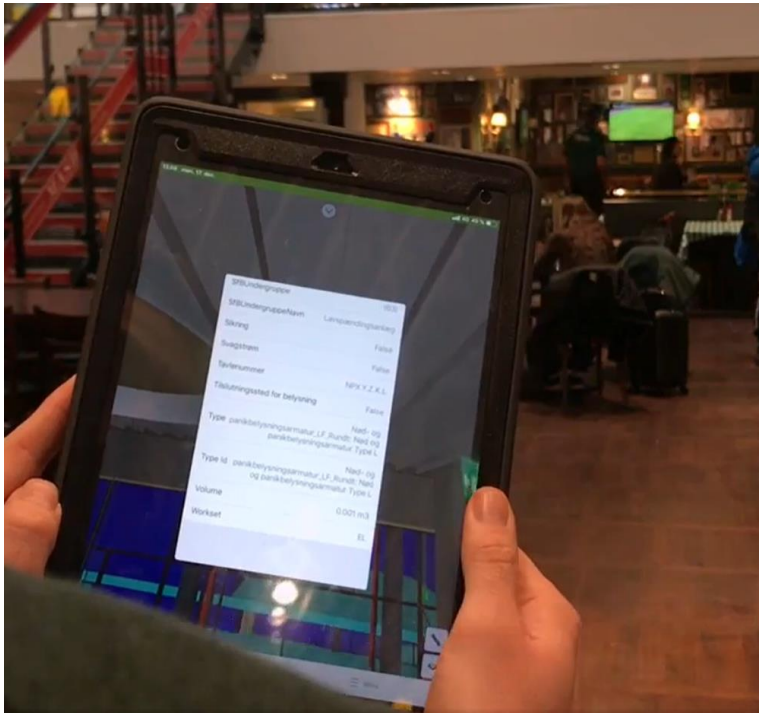
Dalux
Tekhne SA

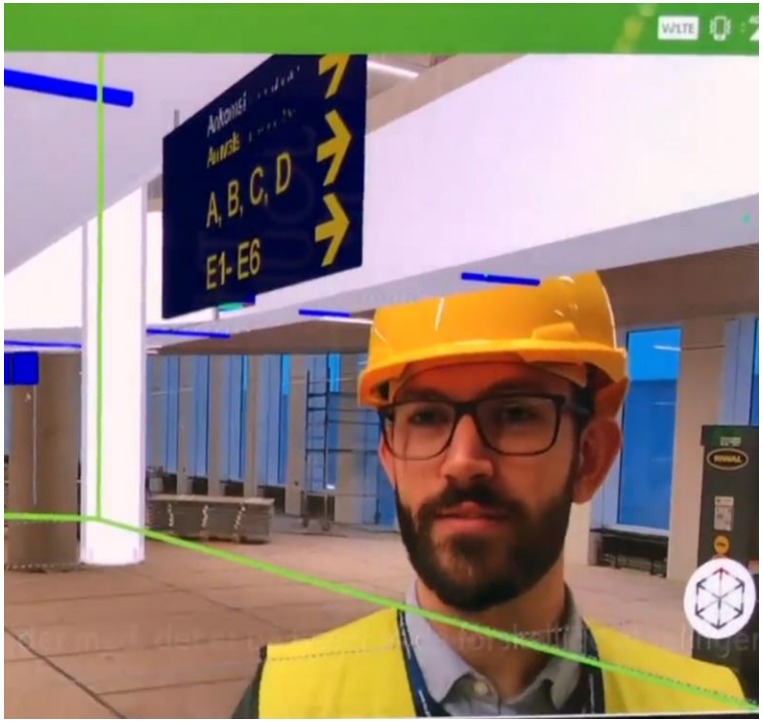
“Thanks to Dalux’ great flexibility, we now have a tool that enables us to follow both traditional and BIM projects accurately and rigorously. Thanks to mobile applications, we have access on site to the latest information and plans. 3D and augmented reality **allow us to compare project and realization on the field, and to report problems clearly and unequivocally to the contractors**,”

Tells Nicolas Pierret, Architect in charge of innovation and digitalization at Tekhne SA



Renovation and FM - Wayfinding using AR



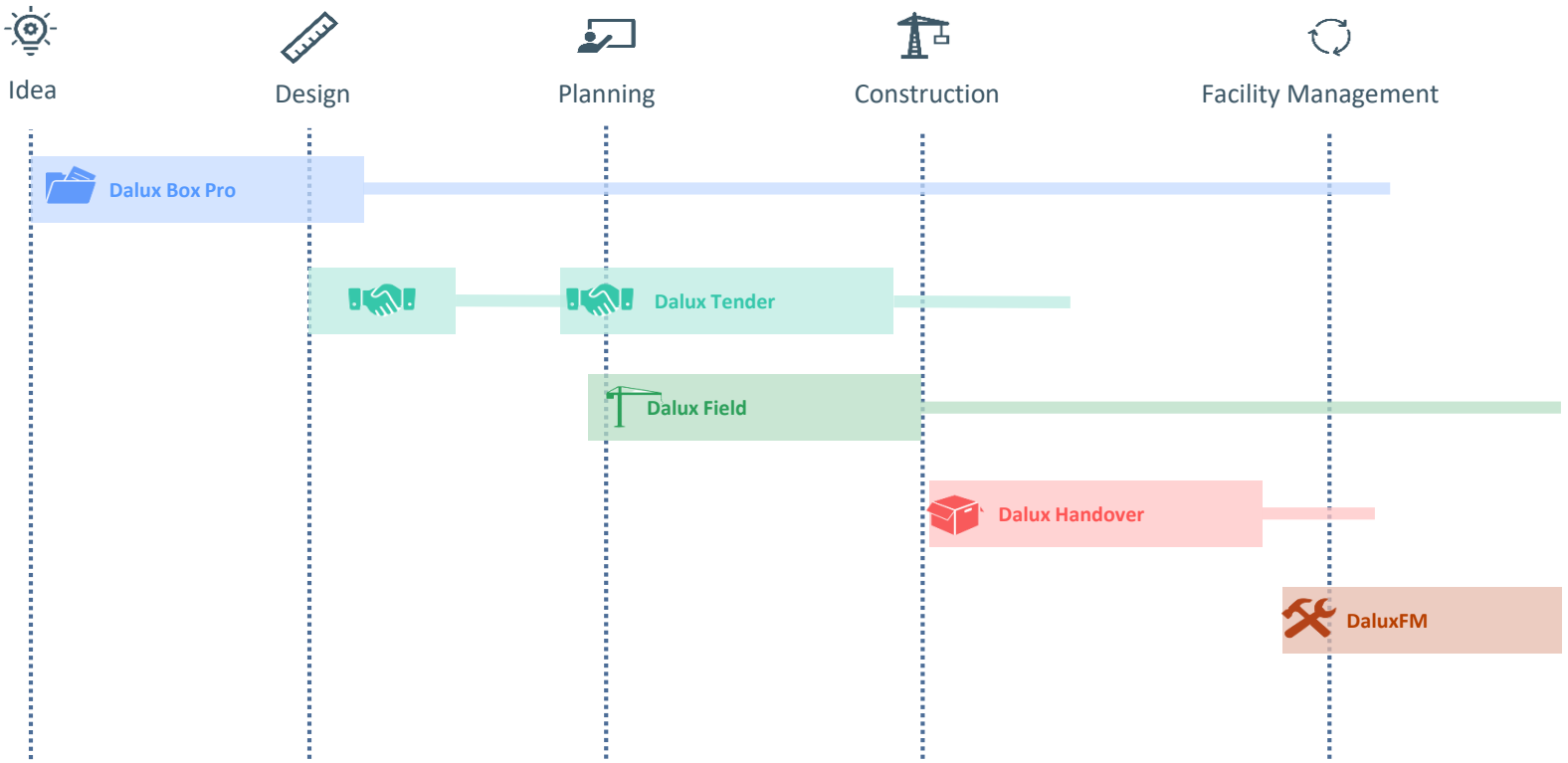


Dalux
AR for everyone

Better use of BIM

Improved processes

Improved communication



Thank you