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openbuilt

DigiPLACE
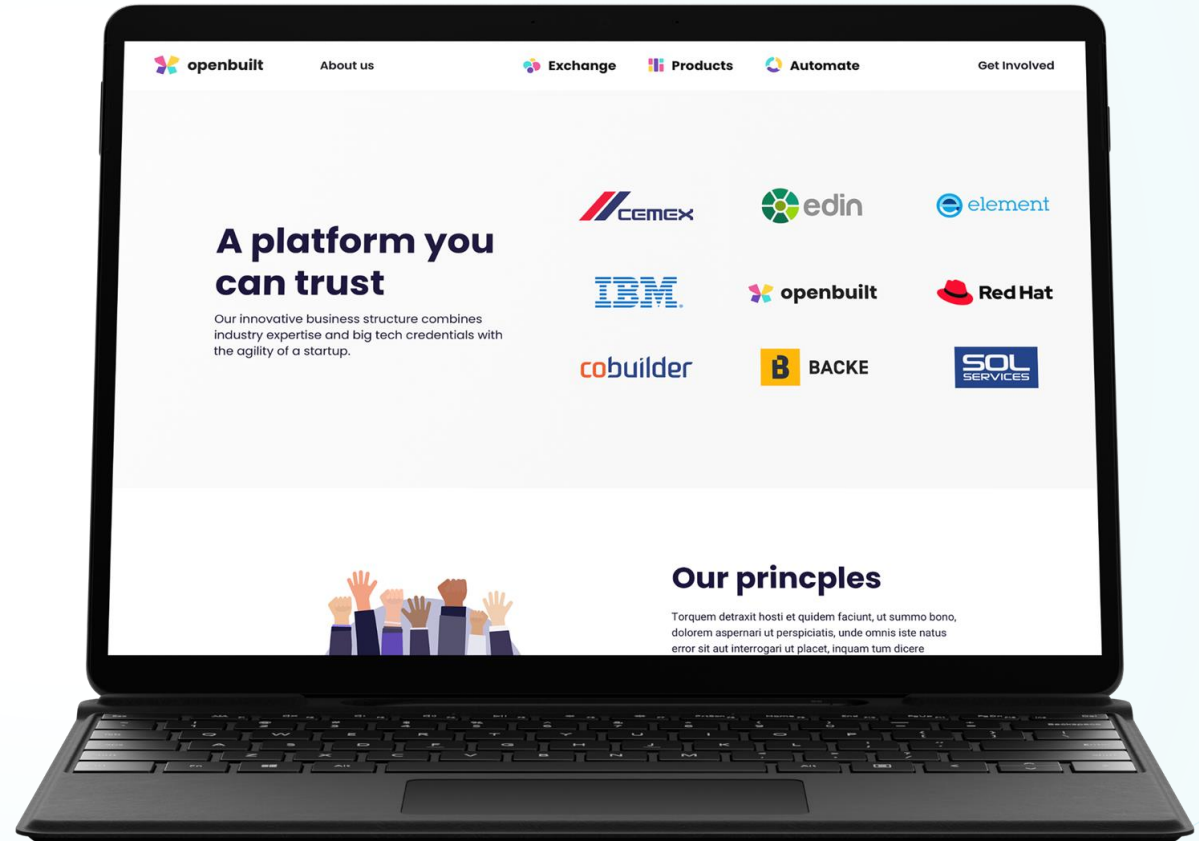TOWARDS A EUROPEAN DIGITAL
PLATFORM FOR CONSTRUCTION

OpenBuilt

Through the power of connected and automated supply chains we can achieve a more productive, sustainable and safe built environment.

OpenBuilt

Openbuilt is a **connectivity platform** for the built environment that overcomes **fragmented**, **inefficient** working practices by **connecting systems**, enabling **controlled data exchange** and **automating** processes to transform **productivity**.

Horizontal Platform

Current Openbuilt Apps

Independent Software Vendors

Products
Standardised, compliant product data

Exchange
Data driven product search and selection

Automate
Low code process automation

SpecifiedBy

facilio

salesforce

intuety

3D Repo

Provides functionality to users

?

?

?

Platform

Connects applications

openbuilt

How can we address the bigger picture here?

Block chain, AI, 5G, ERP, Cloud, Open source

Productivity, Connected supply chains.

Circularity, Environmental impact, Carbon reduction

Industry standards, market surveillance, regulations.

From ideation to reality

What people do

Contextual inquiries (field research)
- Harder to facilitate due to COVID-19

Moderated user testing
- Design experiments to prototype identified
- Further improvement of the DigiPLace RAF

Why & how to fix ← → **How many/often/much**

Vision & alignment workshops
- 1150+ participants to date across 270 organisations
- **Re-iteration of the DigiPlace reference architecture**
- Explore business imperatives, fairness and accessibility for SME's
- Co-design key concepts or ideas with stakeholders

Structured & unstructured interviews
- 100+ interviews carried out and more planned
- Understand key roles, responsibilities and interactions
- Document pain points and key user needs

What people say

This project has received funding from the European Union's H2020 programme under Grant Agreement N. 856943

OpenBuilt Technology Stak

On-prem, Multi-cloud/Poly-cloud, Hybrid Cloud
Run OpenBuilt anywhere, on any cloud provider and also on-prem. The same OpenBuilt running consistently on multiple places and sites. n strategy- infrastructure as code

Virtualized, Containerized and Automated
Containerize and virtualize OpenBuilt components, automating deployment to reduce complexity. SEP

A Well-Known Open Platform
An open platform built on top of open source proven solutions that Clients already know and use today. Vendor agnostic and independent from the IaaS layer.
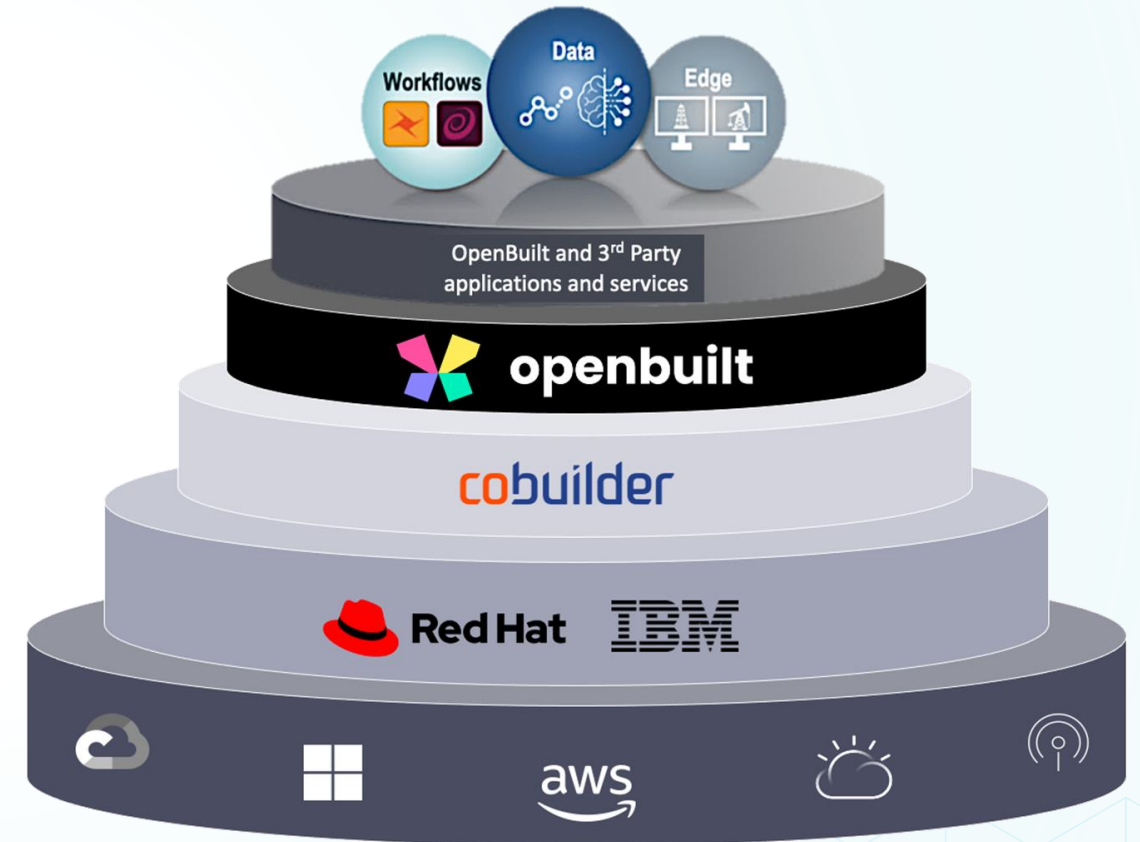
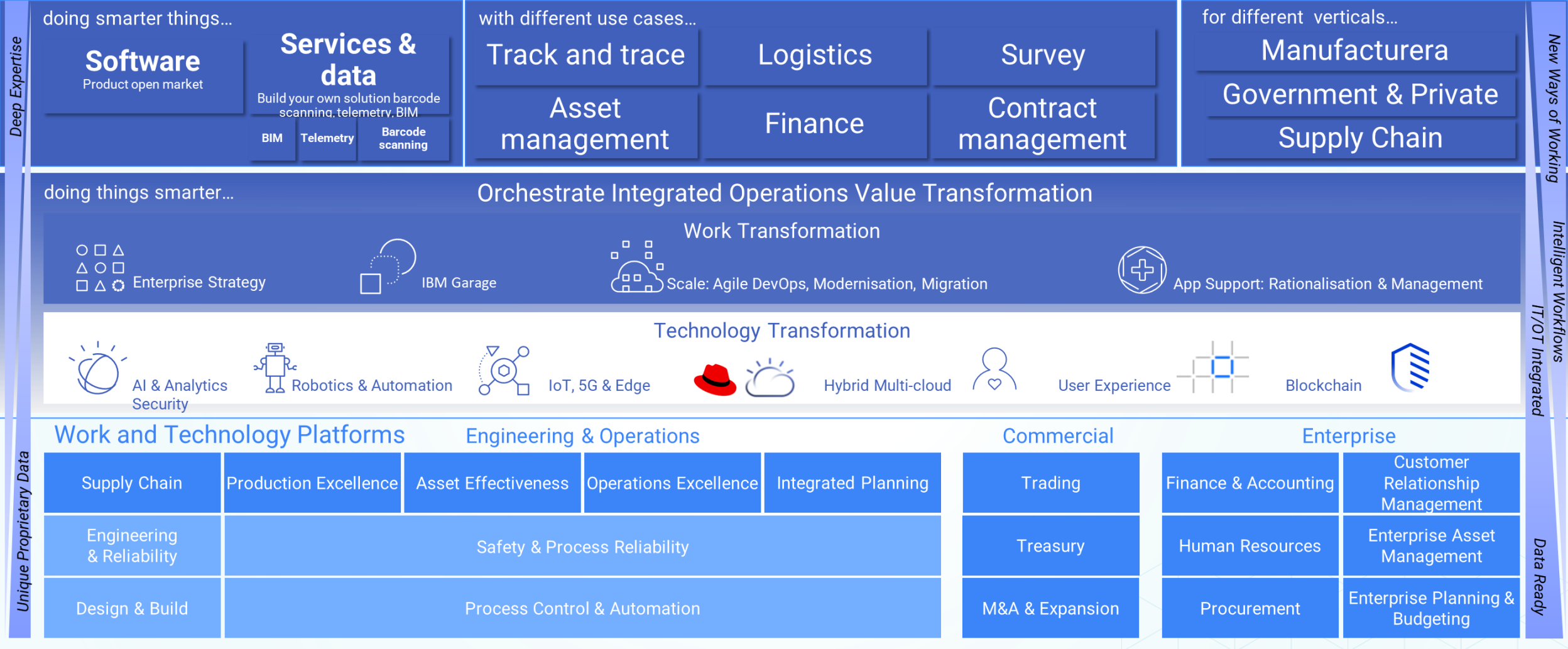**The Red Hat Open Source Model**
Openness is real and here to stay.

Industry Relevant
Circularity, Sustainability, Industry 4.0
Automated standards, regulations compliance
Consolidates fragmented industry and enables small-medium enterprises

DigiPLACE
TOWARDS A EUROPEAN DIGITAL PLATFORM FOR CONSTRUCTION

Horizontal and Vertical opportunities

DigiPLACE
TOWARDS A EUROPEAN DIGITAL PLATFORM FOR CONSTRUCTION

Deep Expertise

doing smarter things…

Software
Product open market

Services & data
Build your own solution barcode scanning, telemetry, BIM

| BIM | Telemetry | Barcode scanning |

with different use cases…

| Track and trace | Logistics | Survey |
| Asset management | Finance | Contract management |

for different verticals…

Manufacturera
Government & Private
Supply Chain

New Ways of Working

doing things smarter…

Orchestrate Integrated Operations Value Transformation

Work Transformation

Enterprise Strategy   IBM Garage   Scale: Agile DevOps, Modernisation, Migration   App Support: Rationalisation & Management

Technology Transformation

AI & Analytics Security   Robotics & Automation   IoT, 5G & Edge   Hybrid Multi-cloud   User Experience   Blockchain

Intelligent Workflows
IT/OT Integrated

Work and Technology Platforms   Engineering & Operations   Commercial   Enterprise

Unique Proprietary Data

Supply Chain	Production Excellence	Asset Effectiveness	Operations Excellence	Integrated Planning	Trading	Finance & Accounting	Customer Relationship Management
Engineering & Reliability	Safety & Process Reliability				Treasury	Human Resources	Enterprise Asset Management
Design & Build	Process Control & Automation				M&A & Expansion	Procurement	Enterprise Planning & Budgeting

Data Ready

6/2/2021

OpenBuilt to address the challenge are based on a functional/technology interlock with Digiplace RAF in key areas to build new capability and ways of working

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THANK YOU!
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