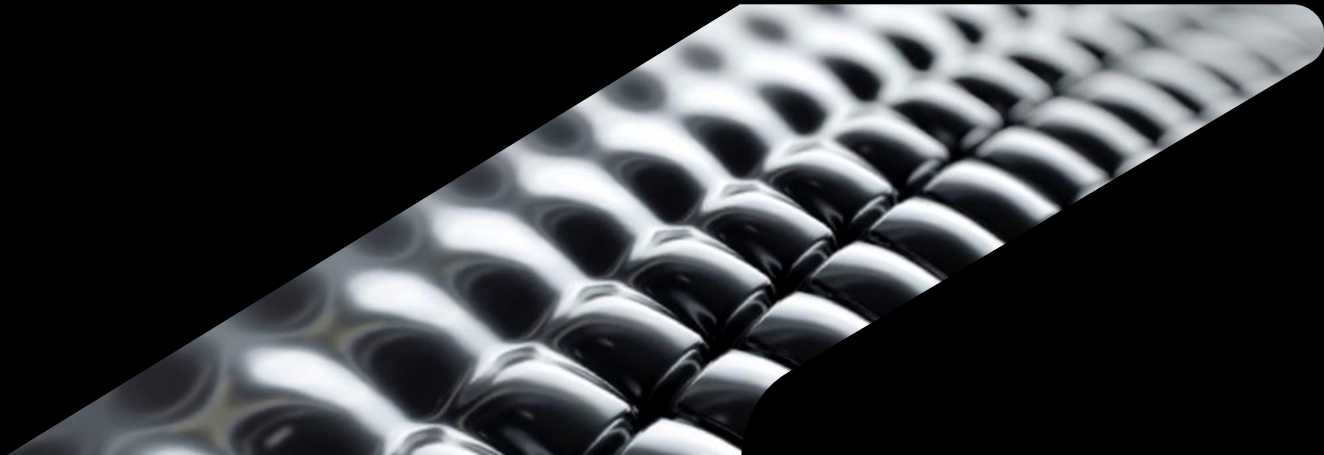


# A true Common Data Environment by integrating platforms with ACC Connect

CS500918

Roland Daane  
Digital Construction manager BAM



# In this Presentation



## Integration

Learn about CDE & integrations through BAM's case study

## Lessons & Learnings

Learn from BAM's Challenges & lessons learned

## Business Value

Understand the Business value of true client focus.

## Standardize

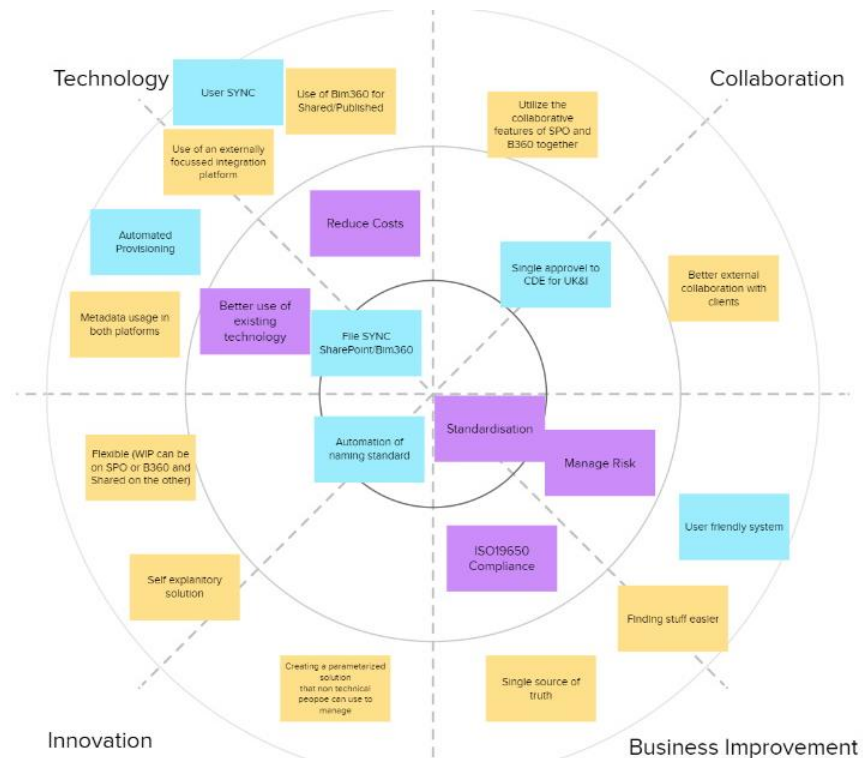
Understand the benefits of a Practical application of the ISO19650



# **Learn about CDE & integrations through BAM's case study**

# Key Challenges

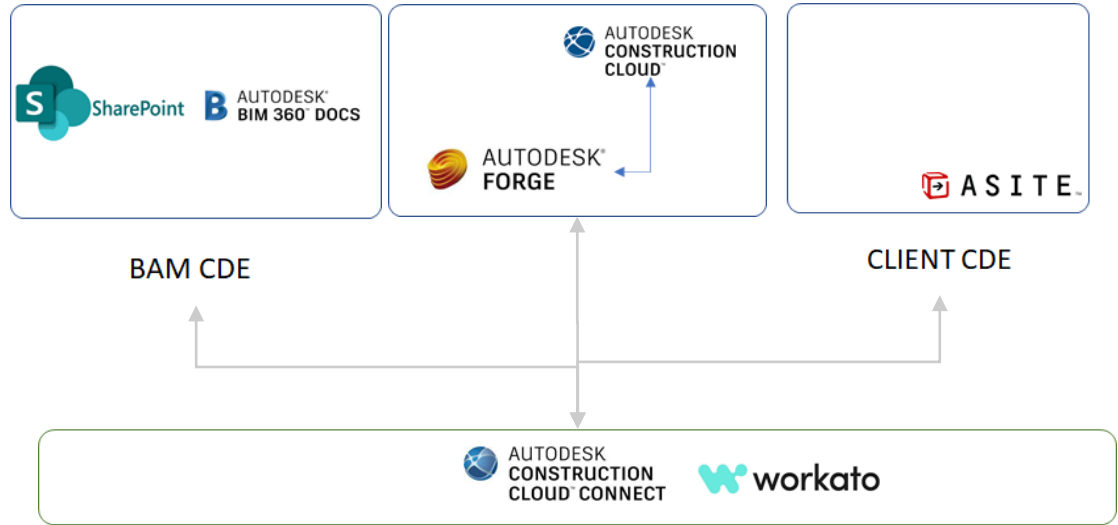
- Sustainable Business
- User Wellbeing
- Operational Excellence
- Process Automation



# Eco System



- BAM CDE
- CLIENT CDE
- ACC API
- Integration



# Eco System in Practice



[Click here for the online video](#)

# Learn from BAM's Challenges & lessons

# Learn

- Think Big
- Start Small
- Scale Fast



# Beware of the chaos

The screenshot displays the Autodesk BIM 360 interface, illustrating a complex project structure and active workflows. The left sidebar is divided into two main sections: ASSETS and PROJECTS.

**ASSETS Section:**

- Recipes (73)
  - Active (64)
  - Recently stopped (43)
- Connections (9)
  - Connected (8)
  - Disconnected (1)
- Trash (0)

**PROJECTS Section:**

- Home assets
- BASE\_TEMPLATE
  - 00\_Connections
  - 01\_Provisioning
    - 01 Site creation automation
    - 02 User sync automation
    - Testing
  - 02\_File sync**
    - \_utilities
    - \_testing
    - BIM 360 to Sharepoint
  - Sharepoint to BIM 360
  - 03\_Error Handling
  - 04\_General information
  - 05\_Admin

**Main Content Area:**

The main content area is titled **BASE\_TEMPLATE** and includes tabs for **Assets** and **Settings**. The current view is **BASE\_TEMPLATE / 02\_File sync**. A search bar labeled "Search assets" and a dropdown menu "All assets" are present.

Below the search bar, there are three folder icons: **\_utilities**, **\_testing**, and **BIM 360 to Sharepoint**.

The workflow section shows two active tasks:

- 02 Copy Files from SPO to BIM 360**: Status: Active, Started May 12 at 5:08 PM.
- 01 Copy Files from BIM 360 to SPO**: Status: Active, Started May 12 at 3:23 PM.

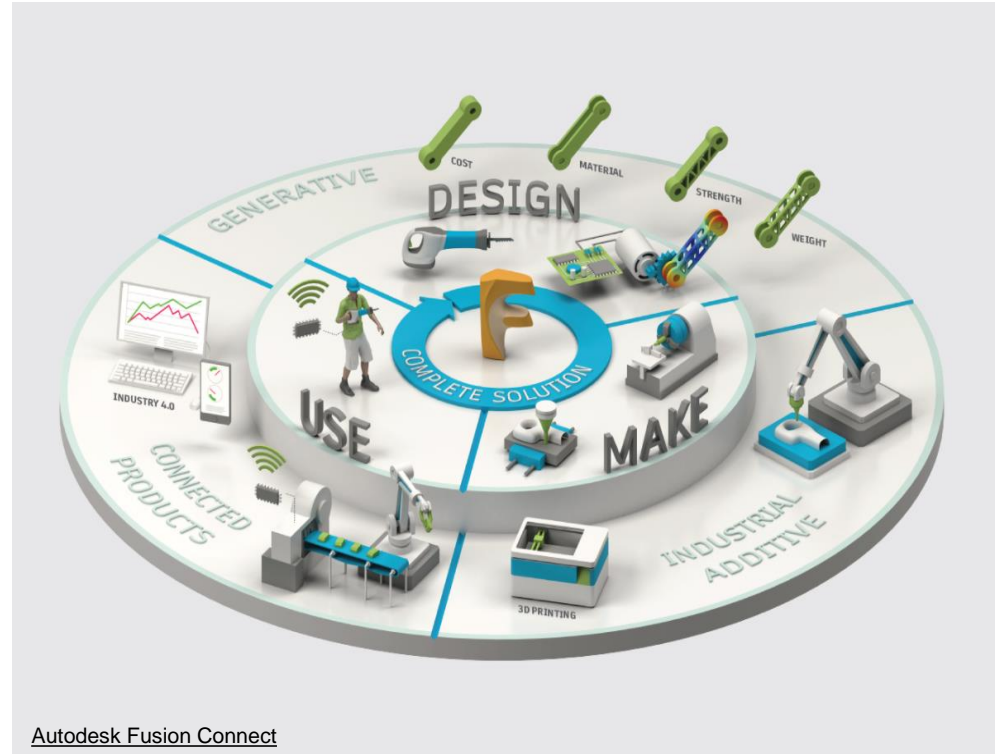
# Platform

- Requirements
- Future proof



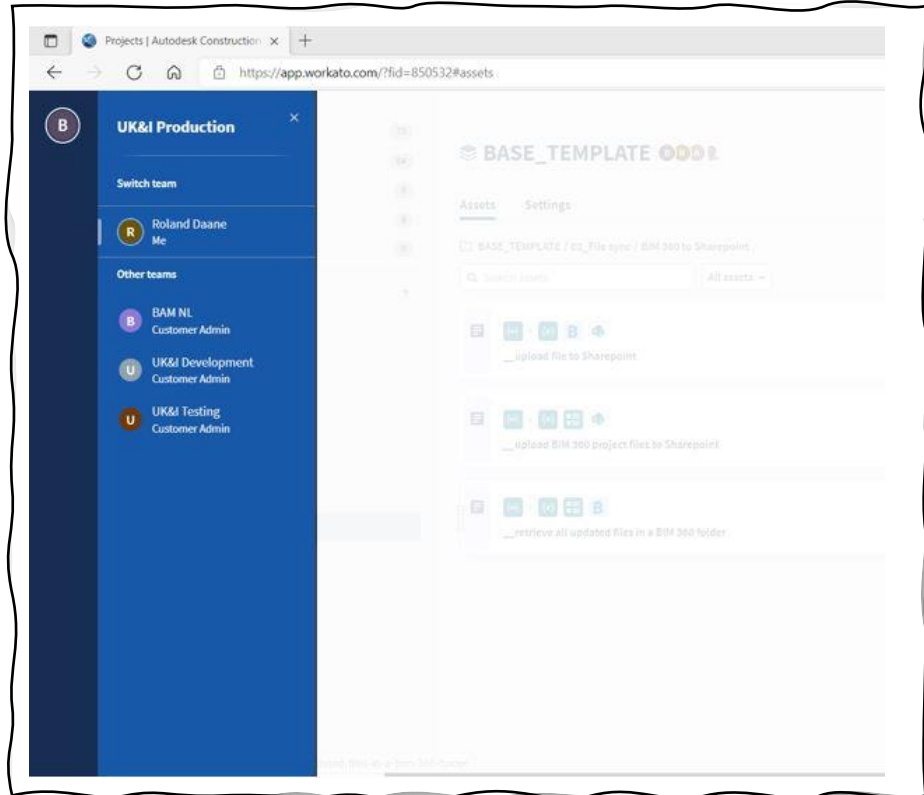
# REST APIs

- What/Why
- Forge and Workato



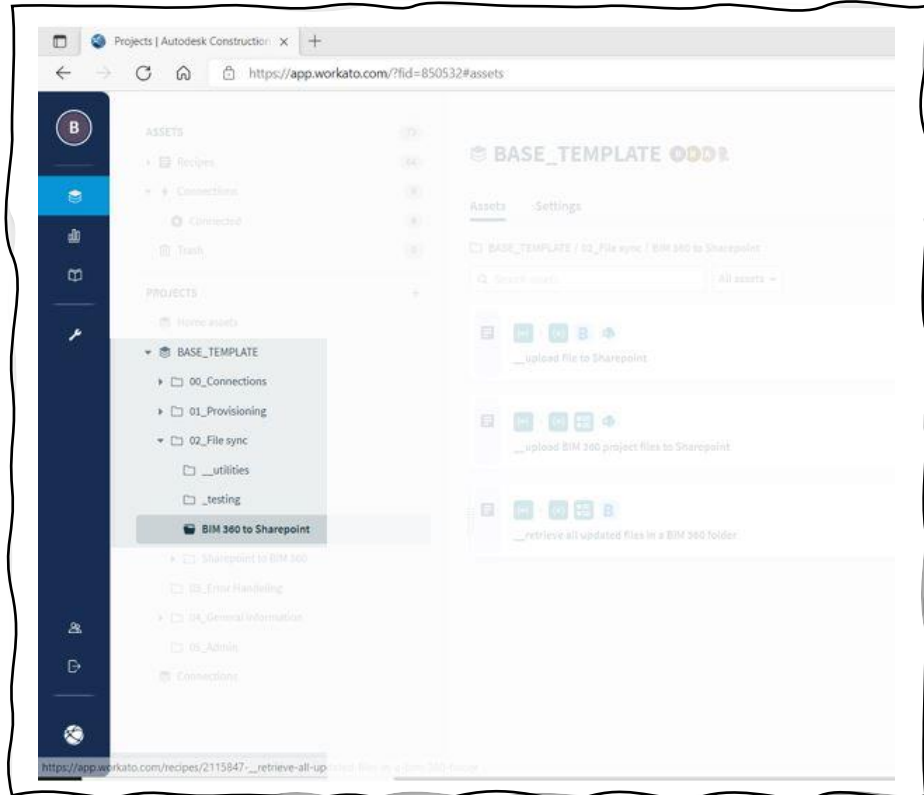
# Governance

- OTP Environments



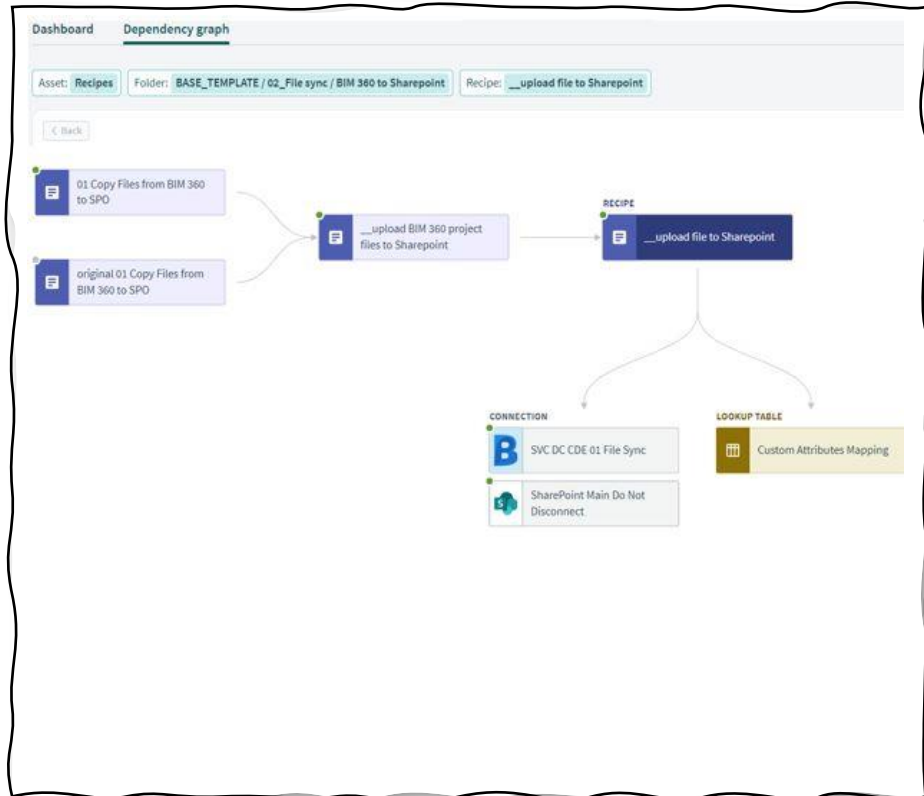
# Governance

- OTP Environments
- Clear structure per environment



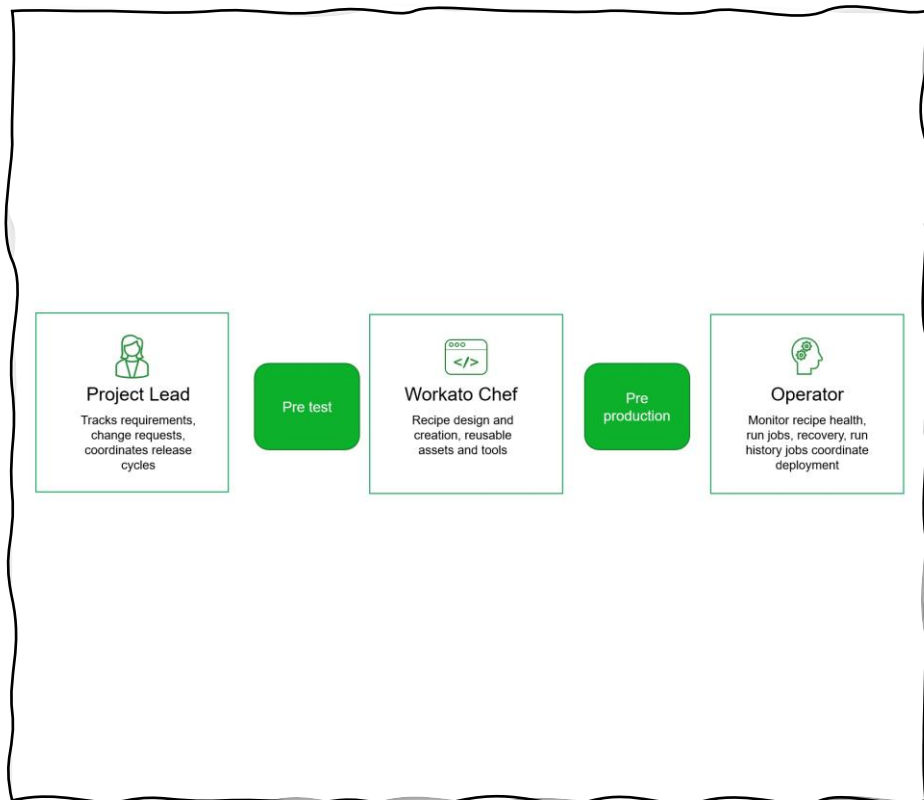
# Governance

- OTP Environments
- Clear structure per environment
- Code dependency graphs



# Governance

- OTP Environments
- Clear structure per environment
- Code dependency graphs
- Migration Strategy (Changes)





# The Business value of true client focus

# Know the Client

- Clients have CLIENTS



Our daughter enjoying the safety provided by the Deltawerken

# Understand

- Know the Landscape
- Understand
  - The platforms are used
  - The standards that are used



# Integrate

- Start Small



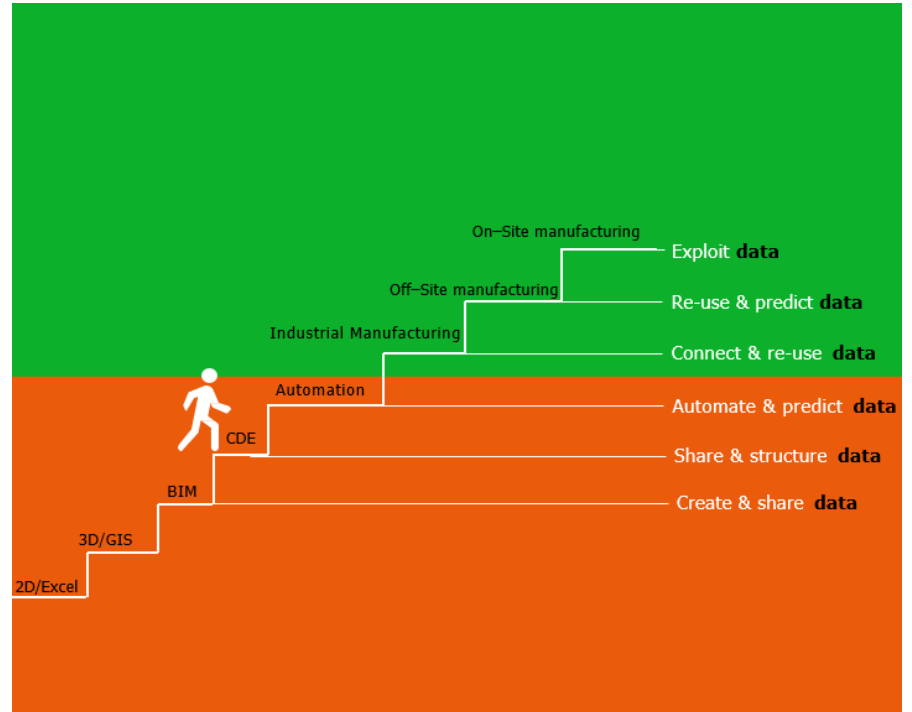
Marathon runners running on city road, detail on legs



# **The benefits of a Practical application of the ISO19650**

# ISO 19650 Practical implementation

- Keep it Simple
- Jargon
  - Known terms
- Phased
  - Roadmap
  - Plan



# ISO 19650 Practical implementation



[Click here for the online video](#)



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