Operation & Maintenance plugin

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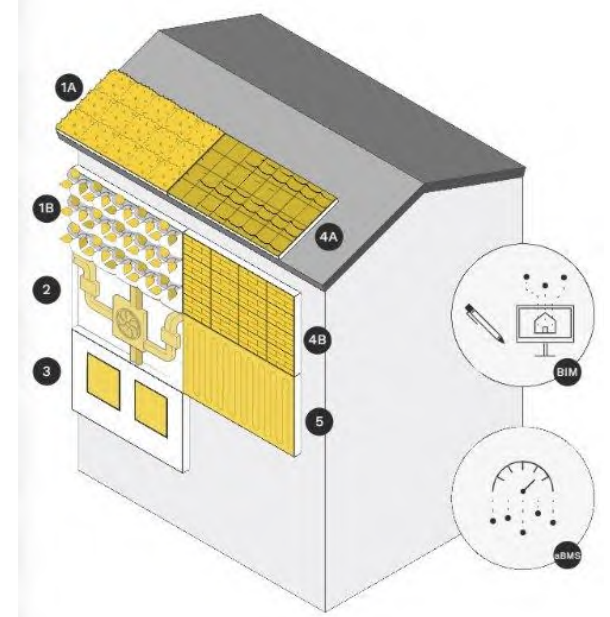Online, 11/06/24

Objectives of the O&M plugin

- Help users manage maintenance actions and visits related to envelope kits of each building during their operation

- Target the main actors of the operational and maintenance phase of the building:
  - Facility managers
  - Energy managers
  - Building owners
  - Technicians (who are in charge of the execution of the maintenance actions)
  - Technology providers (who are in charge of providing the know-how instructions to be followed by the technicians)
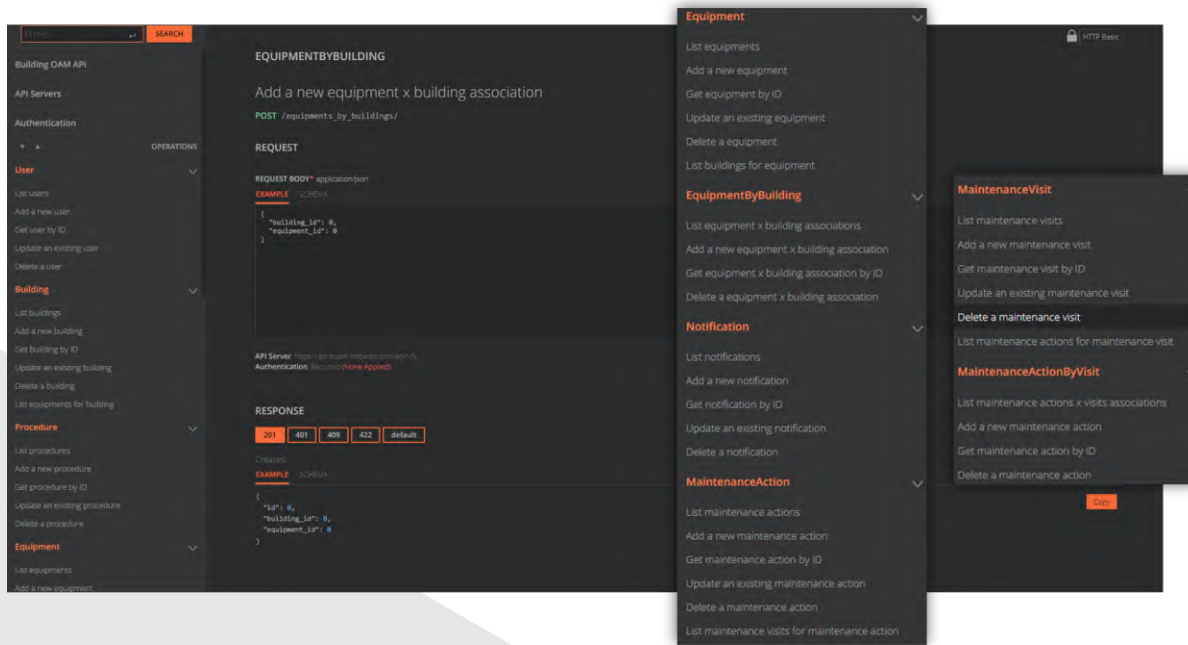 - Inhabitants

Requirements

– Easy to use for all the users

– To be used both remotely and on-site

– To make easier the maintenance for the inhabitants and the facility managers for the industrialised envelope integrated components

– To ensure building envelope kits perform well during their operational phase

– To be used as interactive guideline to maintain the higher level of the building performances

Most challenging and valuable features

– Very simple interface

– Interoperability: connexion with the BIM Platform and possibly with the aBMS

– Documentation: https://api.boam.nobatek.com/api/v0

– Possibility to automatically trigger maintenance actions from the events detected by the aBMS
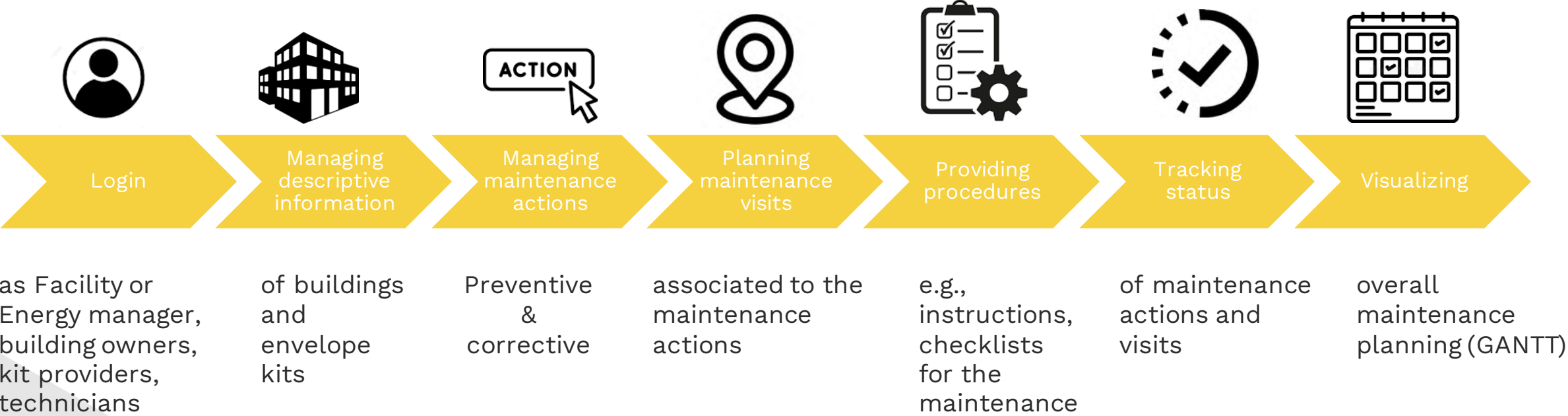

BEMServer

Interaction with the BIM Platform

– To store the procedures used for the maintenance of the kits

– Connect the building to a BIM-P project using a drop-down listing all authorized projects

– List all the documents associated with a building (BIM-P project)

– View, add and delete documents associated with a building (using BIM-P credentials)

Workflow and main functionalities

Login	Managing descriptive information	Managing maintenance actions	Planning maintenance visits	Providing procedures	Tracking status	Visualizing
as Facility or Energy manager, building owners, kit providers, technicians	of buildings and envelope kits	Preventive & corrective	associated to the maintenance actions	e.g., instructions, checklists for the maintenance	of maintenance actions and visits	overall maintenance planning (GANTT)

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Operation and Maintenance

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Login

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Login
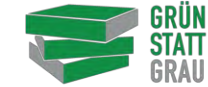
https://boam.nobatek.com/login

Consortium

Coordinator

Project Partners

Thank you

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