



# BIMBMS

## Uploading your own models

To access the demo, an account *must* be requested at: <https://demo.bimkeeper.com>

The demo can be accessed at: <https://demo.bimkeeper.com/demos/upload-and-view>

This demo-instance is only intended for use with this particular demo. The focus of the demo is on this subject only. This means the navigation shows only what the user might need. Some features might not work for this reason. The first demo (basics) can be checked for a broader perspective of all the features BIMBMS offers. For more detailed information, the BIMBMS manual can be referenced, or IRP can be contacted at: [contact@bimkeeper.com](mailto:contact@bimkeeper.com).





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## 1 Uploading your own model

This manual describes how users can add their own BIM models to BIMkeeper.

There are multiple different vendors of modelling software that each use their own file format to store models. Fortunately, all major vendors support exporting these models to an industry standard, open, format. This format is IFC (Industry Foundation Classes)

BIMkeeper supports importing models in the IFC format and is thus compatible with all major modelling software.



When an IFC has been created it can be added to the BIMkeeper. When starting from the main page, navigate to the complex the file must be uploaded to. In this case select “3D buildings”

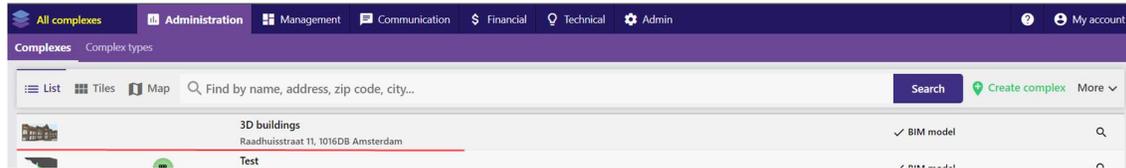


Figure 1: Selecting a complex

Clicking on this complex will direct the user to the details page of this complex. Now open the BIM tab and click on “Add a new project”.

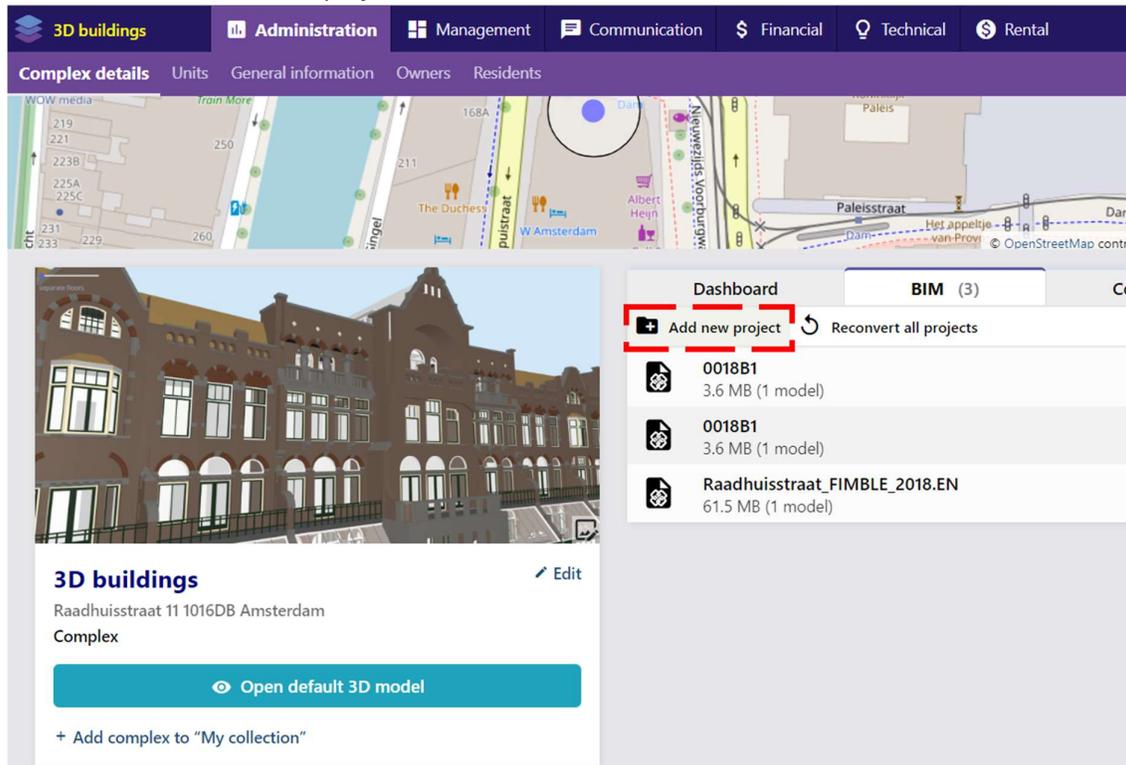


Figure 2: Adding a new project

The screen that pops up allows the user to upload IFC files. They can drag files from their file manager or click on the drop field to open a file browser. After a add file has been added the upload process will start. Users also have the possibility to upload the original (Revit) file if that is available.



Notice that when a model is uploaded in this demo application it will also be visible to other users. If the model needs to be kept private, please send us an e-mail and we will find a custom solution.

### BIM project ✕

**Name**

**Options**

- Set as default project
- Make model(s) dynamically placeable in the viewer (e.g. furniture)
- Enable floorplan viewer (experimental)
- Create public URL link, accessible without logging in

**Unassigned files**

FILE	PROGRESS	ACTION
 180285 - Dobbebuurt CASA - Rochdale CASA - 20180504.rvt 511.4 MB	0 %	

**Upload files**

 Drop additional IFC, Revit or ArchiCAD files here

Figure 3: Uploading the model

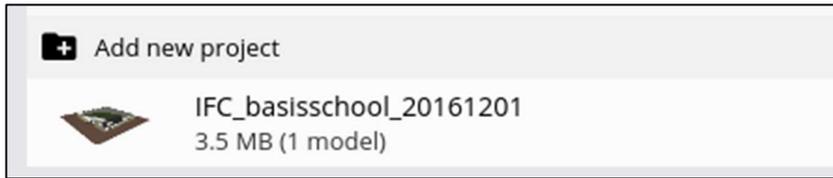
After the upload is complete BIMkeeper will start to convert the IFC to a BIMkeeper 3D model that is optimized for the browser based viewer. This conversion process may take some time, depending on the size and complexity of the model. The progress can be followed on the BIM tab of the complex details page.

BIM (3)	3D-gerelateerd	Compliance	Bestanden
+ Nieuw project			
 FIMBLE showcase (lighter) 55.6 MB (1 model)		01-05-2018	 1/6 parse 87%
 FIMBLE showcase 20161005-04 57.5 MB (1 model)		25-05-2018	
 FIMBLE showcase 20180110 57.3 MB (1 model)		30-04-2018	

Figure 4: The conversion progress can be viewed from the BIM tab

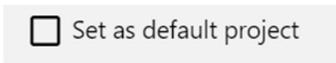


When the conversion is complete the model can be opened from the BIM tab on the complex details page:



*Figure 5: The uploaded model displayed in the BIM tab*

Uploaded models can be set to the project default by clicking the gear icon next to them and checking the box: “Set as default project”





*End of manual*

For other inquiries, please contact IRP at [contact@irp.nl](mailto:contact@irp.nl)