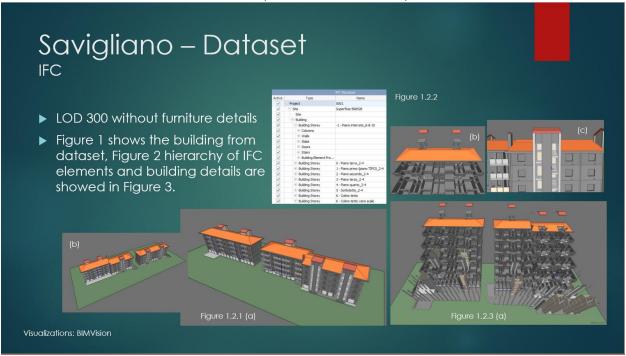
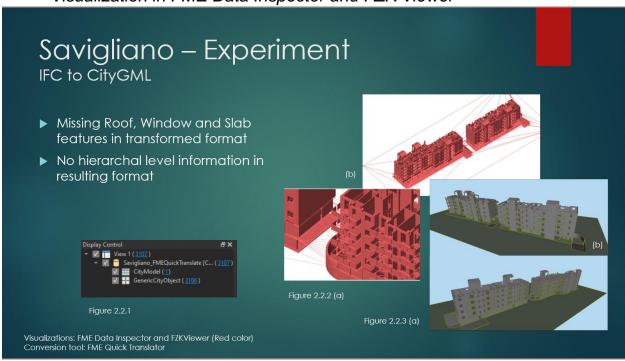
6) Attach other screenshots or files that you consider useful

1. Visualizations in BIMVision (before conversion)



2. Conversion through FME Quick Translator

Visualization in FME Data Inspector and FZK Viewer



a. Translation Errors (logs from FME Quick Translator)

```
The LIC France does not appoint the following type: "Independent of the type will be satisfied in the property of the following type: "Independent of the type of the property of the property
```

b. Discussion

Transformation process removes many features like Window, Roof and Slabs after translation, Figure 1.2.1 compared with Figure 2.2.2 and 2.2.3. However, the number of IFC to CityGML transformed objects Table 1 (reference: respective dataset submission word and log files) states that these features were successfully translated and only IfcTypeObject (e.g. IfcDoorStyle, IfcWindowStyle) were not transformed.

Figure 2.2.2 and 2.2.3 interprets that same dataset can be visualized differently across the software that support CityGML data visualization. FME Quick Translator is more oriented towards geometrical transformation and less semantic details, no hierarchy is kept for the elements and all object are transformed as *GenericCityObject*, as Figure 2.2.1 shows. Also translation errors states that FME Quick Translator doesn't support all geometries like IfcAdvancedBrep and IfcSurfaceCurveSweptAreaSolid.

Table 1

Total Features Read	3151
IFC to CityGML Stats	
Input Features Transformed	3106
Transformed Features Output	3106
Features Written Summary	3106
Features NOT Transformed	45
Feature Type Not Transformed	IfcTypeObject