

1. WHY WE Exchange Information

The purpose of unambiguous exchange is to (re)use building information about a construction efficiently and effectively.



2. HOW WE Exchange Information

With the help of the IFC open data standard, we exchange information in a software-independent manner throughout the entire life cycle of a construction.



3. WHAT WE AGREE ON TO ENABLE COLLABORATION

In this chapter, we discuss how the structure of aspect models is set up, so that different aspect models become interchangeable and interpretable.

3.1 FILE NAME

 Always ensure uniform and consistent naming of aspect models within a project.



3.2 LOCAL POSITION

✓ Coordinate the local position of (all) the aspect models, close to the point of origin.



3.3 CONSTRUCTION LEVEL ARRANGEMENT AND NAMING

- Each aspect model uses a consistent naming convention.
- Assign all objects to the correct building storey.

Always assign objects a classification

version used in the relevant country.

CLASSIFICATION CODE

code, according to the latest published

 Only name construction levels as lfcBuildingStorey.

IfcBuildingStorey-Name

3.6 CLASSIFICATION SYSTEM



3.4 CORRECT USE OF ENTITIES

 Use the most appropriate Entity for the object and supplement it with a TypeEnumeration where possible.



3.7 USE PROPERTY SETS

 When exchanging properties, use the PropertySets prescribed by buildingSMART in the international standard whenever possible.



3.5 STRUCTURE AND NAMING

 Consistently assign Name and Type properties to objects. The resulting combination clarifies what it represents.



3.8 DUPLICATES AND INTERSECTIONS

- Duplication within one aspect model is never allowed.
- As a principle, intersections of objects within one aspect model are not allowed.





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