CCIC Public Seminar

15th December 2022

Nordic Hotel Forum

Tallinn, Estonia

BIM Association Slovakia

- **Established in 2013**
- **47 Members**
- **cooperation with universtities**
- **non-profit organisation**
- **brings together BIM experts**
- **members are mainly from the private sector**

BIM Association Slovakia

Mission

Collection and gathering of information related to BIM or Building Information Modelling within Slovakia

Goals

- **Systematic support of BIM implementation**
- **Promotion of BIM principles and benefits**
- **Preparation of materials and documents for easier and faster integration of BIM into everyday practice**

BIM Association Slovakia

BIMaS Committees

Presidental Committee

Expert Committee

Board of Directors

Work Groups

WG 1 - EIR (BIM project assignment)

WG 2 - Requirements for BIM Classification

WG 3 – LOI Standardisation

WG 4 – LOG Standardisation

BIM Association Slovakia

BIMaS achievements

EIR

BEP

Work Group 2

Requirements for BIM Classification

Established in 2021

19 members

2 subgroups:

Architecture

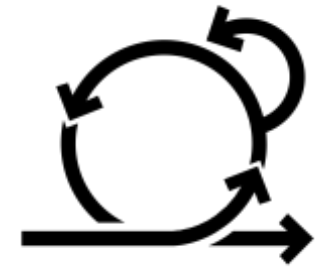**Civil Engineering**

Work Group 2

First goals

- **propose** a method of sorting and classifying elements

- the possibility of using this classification system for **different use cases**

- to take into account the **different requirements** (according to the processor of this information)

- to allow a uniform classification **throughout the life cycle** of the building

- to **allow user-defined** specification of the elements

Work Group 2

Our principles

- try to find an **international** system

- **not to create new** "own standards"

- orientation towards **machine data processing**

- incorporation of the classification system into **openBIM** standards

- possibility to **filter** by **multiple criteria**
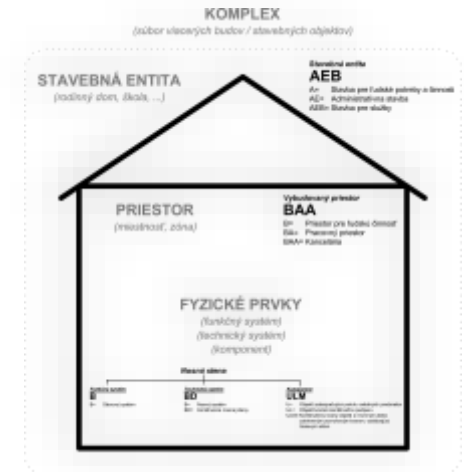
Work Group 2

First steps

- Meetings with a representative from **ČAS** (Mr. Buneš)

- Securing **ISO 81346-12** for use in Work Group

- Thorough **study of the classification system** by the members of the working group

- **Test project** to assess usability and suitability

- **Translation** of the classification system by a person from the construction industry!

Work Group 2

Presentation of results in BIMaS

- **CCI** - Construction Classification International

- based on **ISO 813 46**

- the supporting information is not the naming but the **definition** of each class

- the table of construction entities and the table of complexes are based on **ISO 12006-2**

- the classification is composed of **facets**, not a standart tree structure

- Predecessors: **Coclass** (SE), **CCS** (DK)

- Implementation ongoing in **Czech republic** (CZ)

Work Group 2

Further goals

- Complete **translation** of the CCI **Core Tables**

- Implementation in the BIMaS web interface (database accessible through API)

- Creation of an **application** to search for names and "contexts" in the classification system

- Creation of a **plug-in** for use in various software solutions

News from last Friday

- ✓ Complete **translation** of the CCI classification **Core Tables**

- Implementation in the BIMaS web interface (database accessible through API)

- Creation of an **application** to search for names and "contexts" in the classification system

✓ Creation of a **plug-in** for use in various software solutions

News from last Friday

Class Feeder (Plug-in)

- Classify objects efficiently with the (CCI) faceted system
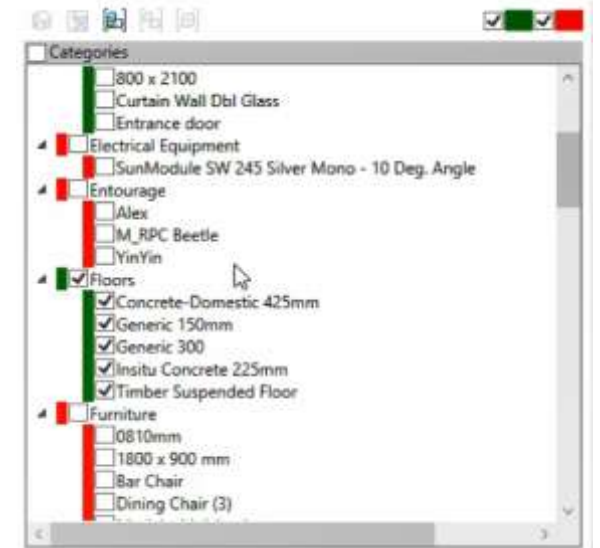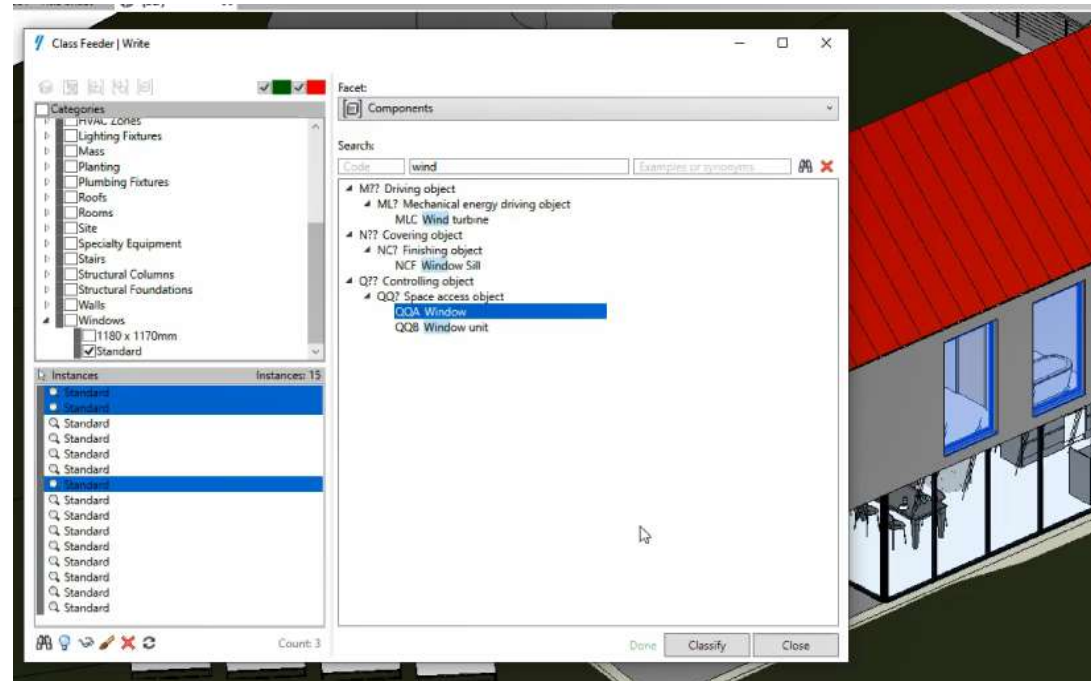
- User-friendly app

- Always up-to-date CCI core tables

News from last Friday

Class Feeder (Plug-in)

- Always **up-to-date** CCI database - directly connected via API

- Allows to quickly **search** through the database

  (Search by identification codes, descriptions, synonyms, etc...)

- **Effective selection** of elements from the model

  (Select by category, by type, by instance, etc...)

- Easy to **check model classification** for better overview

News from last Friday

Further steps in BIMaS

Class Feeder (Plug-in)

- **Finalize** database and **API** on BIMaS website

- **Connect** plugin to database

- Test and **distribute** to AEC community in Slovakia

Thank you for your attention!

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