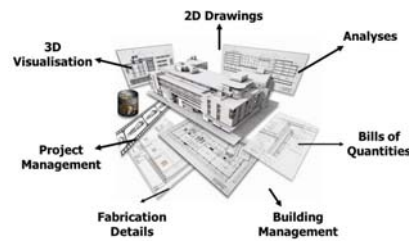


BIM WORKSHOP

Vienna 7 April 2017

Roberto Assi BIM Representative FCSI EAME



APRIL 7th 2017

1

BIM WORKSHOP

Vienna 7 April 2017

Agenda

In the next 45 min. We are going to see the following point:

- The History of the BIM standard for Foodservice Equipment
- The IFSE Standard
- The open BIM
- Practical part: Design a Kitchen with Revit
- File naming QF_
- The Speciality Equipment
- The LOD 100
- RECAP
- Q & A

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2

FCSI FOODSERVICE CONSULTANTS SOCIETY INTERNATIONAL **BIM**

BIM Technical Committee

EFCEM European Federation of Catering Equipment Manufacturers

FCSI FOODSERVICE CONSULTANTS SOCIETY INTERNATIONAL EUROPE - AFRICA - MIDDLE EAST

BIM PARAMETERS GROUP



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5

FCSI FOODSERVICE CONSULTANTS SOCIETY INTERNATIONAL **BIM**

The Standard
IFSE PARAMETER LIST + DATA DICTIONARY



EFCEM European Federation of Catering Equipment Manufacturers

FCSI FOODSERVICE CONSULTANTS SOCIETY INTERNATIONAL

CESA CATERING EQUIPMENT SUPPLIERS ASSOCIATION

ba

TUSID

ANZRS

NAFEM North American Association of Food Equipment Manufacturers

VF Verband der Foodservice Hersteller

FDA

CEDA CATERING EQUIPMENT DATA ASSOCIATION

SYNEG

IFSA INTERNATIONAL FEDERATION OF SUPPLIERS ASSOCIATION

ceceditalia Associazione Nazionale Industrie Alimentari e Ristoranti

apirac

BFS

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6

Where we start from

The Americas



FCSI REVIT Standards

The Revit Foodservice Equipment Standards document has been updated for 2015. All files and documents pertaining to the Revit Foodservice Equipment Standards can now be found here, and they are available for all members and non-members to access. Highlights include newly clarified standards for line subcategories, including their line styles, and a materials library file for family creation to allow for greater consistency. There is also a statement addressing the need to keep Revit Foodservice Equipment families within two versions of the current Revit release. Manufacturers are encouraged to not create families as wall based or face based as this can cause issues with linked files. These updates will aid in better quality families for all users.

2015 Revit Standards

[FCSI Shared Parameters List \(.pdf\)](#)

[FCSI Shared Parameters List \(.txt\)](#)

[Revit Materials File](#)

REVIT Forum

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7

Central Repository for Foodservice Standards and Guidelines on WEB



BIM Standards

Useful Links

**Customer
Experience
Forum**

**Guidelines
for Models**

**BIM Workflow
Guidelines**

**IFSE
Parameter
List**

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8

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IFSE BIM DATA DICTIONARY






GUID
6246fb59-01f3-4eaa-b927-07a7ac632708 LENGHT/LÄNGE/LONGEUR...

ELEMENT	GUID	ENGLISH	GERMAN	FRENCH	OTHER
	7d1a2029-b6ac-49dc-9f51-eb3394632c9	GAS Kitchen range	GAS Kochherd	Feux vifs	XXXXXX

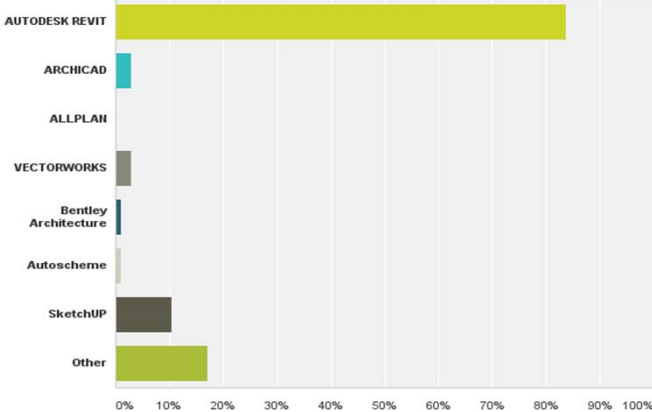
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9

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WHY REVIT

Q4: Which software do you use for the BIM process?

Answered: 105 Skipped: 38



Software	Percentage
AUTODESK REVIT	85%
ARCHICAD	2%
ALLPLAN	0%
VECTORWORKS	2%
Bentley Architecture	1%
Autoscheme	1%
SketchUP	12%
Other	17%

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10

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THE OPEN BIM

The diagram illustrates the Open BIM concept. At the center is a blue circle containing the text "Coordination Model in IFC Open Format" and a colorful interlocking knot logo. Four arrows, each labeled "Link", point from this central hub to four different BIM models:

- Architect Vectorworks**: A 3D architectural rendering of a modern building.
- MEP Engineer Revit**: A 3D model of mechanical, electrical, and plumbing systems.
- Structural Engineer Tekla**: A 3D model of a steel structural framework.
- Foodservice Consultant Revit**: A 3D model of a kitchen or food service area.

APRIL 7th 2017 13

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Now we will do the practical Part

APRIL 7th 2017 14

Family Naming Guidelines QF_

eEquipment Foodservice

Revit families of Foodservice Equipment:

- Create unique names for each Family.
- To identify foodservice equipment in the Specialty Equipment Category, all Families are to be identified by the prefix QF_.
- The Family name should include the Manufacturer's name and the equipment item model number.

SOURCE FCSI REVIT STANDARDS

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15

Specialty Equipment

- [-] Specialty Equipment
 - [-] COEU0001
 - [-] COEU0133
 - [-] COEU0138
 - [-] Cook & Chill 061
 - [-] FPS-10A-DE-3D
 - [-] NEEU1801
 - [-] NEEU1805
 - [-] OVEN_ACCESSORIES
 - [-] QF_Ambach_8ESK150
 - [-] QF_Echtermann_2460_32_300
 - [-] QF_StrCon_FSC463R-R
 - [-] QF_UNOX_XEVC-0511-EPR_XEVC-0511-E
 - [-] REVIT_586232_1_1_586232_QF_Electrolu
 - [-] XEVC-0511-EPR
 - [-] XEVHC-HC11
 - [-] XEVQC-0011-E
 - [-] XHC003
 - [-] XWVRC-0011-I

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16

LOD 100

In many European Country's there is a need to create a neutral tender without any references of Brands

LEVEL of DEVELOPMENT

LOD 100 LOD 200 LOD 300 LOD 400 LOD 500

LOD 100	LOD 200	LOD 300	LOD 400	LOD 500
				
<p>Concept (Presentation)</p> <p>DESCRIPTION: Office Chair Arms, Wheels WIDTH: 700 DEPTH: 450 HEIGHT: 1100 MANUFACTURER: Herman Miller, Inc. MODEL: Mira LOD: 100</p>	<p>Design Development</p> <p>DESCRIPTION: Office Chair Arms, Wheels WIDTH: 700 DEPTH: 450 HEIGHT: 1100 MANUFACTURER: Herman Miller, Inc. MODEL: Mira LOD: 200</p>	<p>Documentation</p> <p>DESCRIPTION: Office Chair Arms, Wheels WIDTH: 700 DEPTH: 450 HEIGHT: 1100 MANUFACTURER: Herman Miller, Inc. MODEL: Mira LOD: 300</p>	<p>Construction</p> <p>DESCRIPTION: Office Chair Arms, Wheels WIDTH: 680 DEPTH: 430 HEIGHT: 1085 MANUFACTURER: Herman Miller, Inc. MODEL: Mira LOD: 400</p>	<p>Facilities Management</p> <p>DESCRIPTION: Office Chair Arms, Wheels WIDTH: 680 DEPTH: 430 HEIGHT: 1085 MANUFACTURER: Herman Miller, Inc. MODEL: Mira PURCHASE DATE: 01/02/2013</p>

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Now we will do the practical Part

RA1

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RECAP

What is IFSE = International Foodservice Equipment parameter list

What is GUID = Global Unique Identifier
The importance to speak all the same language and use the same GUID

LOD 100 = Neutral library without Brands or Model Identification to create Public Tenders

APRIL 7th 2017 19

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Q&A

APRIL 7th 2017 20