



Equipment, Coffee and Food
41st International Hospitality Exhibition
October 18-22, 2019 fieramilano



FCSI EAME | Padiglione 2 | Stand A12-B07/9

www.fcsi-italia.org

18-21 Ottobre 2019

CURRENT STATUS AND OVERVIEW OF BIM (BUILDING INFORMATION MODELLING) ACCORDING TO IFSE STANDARD

Roberto Assi

Progettista, Vice President FCSI EAME
BIM Representative FCSI EAME , CO-Chair IFSE

How the new BIM Standard IFSE D.D. 7.1 is adopted in the Foodservice Industry? What is the agenda for the next future?

Roberto Assi, Vice President & BIM Representative FCSI EAME



Agenda

In the following 30 Min. we will speak about :

- **The BIM Working Group for Foodservice Equipment World Wide**
- **How the Industry accepted BIM and IFSE 7.1**
- **The IFSE LOGO**
- **The BIM Central Repository for Information**
- **Next Steps**

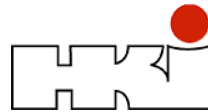
Q & A

- The BIM Working Group for Foodservice Equipment World Wide

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FCSI TAD
TECHNICAL
Committee



HKI BIM für
Großküchen



SYNEG BIM



European Federation of
Catering Equipment Manufacturers
EFCM WG 1



BIM
Foodservice
Equipment
Workgroup



International
Food Service
Equipment
Parameters
Group

FCSI TAD BIM _ REVIT_2019



FCSI TAD
TECHNICAL
Cmmommittee



<https://www.fcsi.org/about-fcsi/divisions/the-americas/webinars-by-fcsi/>

A Real Bargain!

The TAD Board always asks itself: How can we make FCSI The Americas better for our members? What services can we add to make your membership even more important to all of our colleagues? One such discussion recently took place and its topic is especially very “near and dear” to all of our design brethren: BIM and Revit!

In short, we have recently asked a task committee (shall I say challenged them) to create a “best practices” guideline for the BIM and Revit platforms. We set the task of how best and how easily can a full-blown BIM/Revit guidelines program be developed for use by our members? I personally believe that if we are able to accomplish this task, then a very meaningful educational goal will be reached. The results could be enormous if our members could access a site that can not only explain the detailed modeling requirements but also could take people through a narrative and possibly interactive discussion of the methodologies as to how BIM works and how it can be most easily integrated into any firm’s work. At that point, regardless of company size, financial resources available, staff expertise levels employed etc, the playing field could and would be evened out and any firm that desires to do so could then easily enter the wonderful BIM/Revit world! The system itself and implementation of same, could be proprietary to FCSI-The Americas!

Obviously, there are a number of major issues that need to be worked out, such as how to draw and label the families of equipment, the nomenclature to address this information, page set-up and formatting requirements, etc. The biggest issue, however, is how best to obtain a great deal of information from our members relating to the successful systems they are using, and then streamlining all of their input to come to a consensus on what the best final solution would be for our long-term use.

Finally, introducing and getting positive votes to implement the program as a Society recommended standard, would be the final test! After all of this, we’ll have to integrate with an FCSI Worldwide model, working closely with our Worldwide colleagues doing similar work. It all sounds complicated and time consuming...and it is, but it’s a super important new program that will pay major dividends to our membership if it can be developed. This is an important project - we have to do it and we ARE doing it as we speak. Stay tuned folks...great things are in the works!

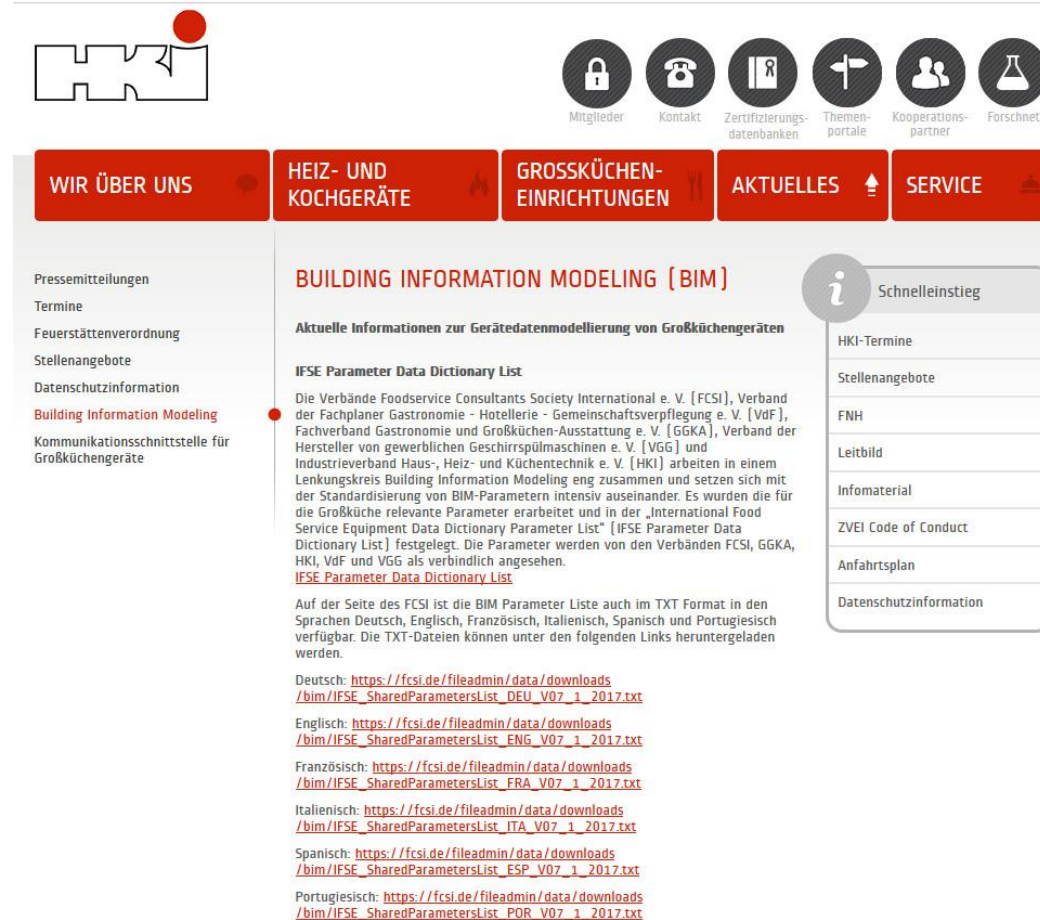
All my best to each of you,

William J. Caruso, FCSI (PP)
Chair – FCSI the Americas Division

- The BIM Working Group for Foodservice Equipment World Wide



<http://hki-online.de/de/aktuelles/bim>



The screenshot shows the HKI BIM website interface. At the top, there is a navigation bar with icons for Mitglieder, Kontakt, Zertifizierungsdatenbanken, Themenportale, Kooperationspartner, and Forschung. Below this is a red header with the following menu items: WIR ÜBER UNS, HEIZ- UND KOCHGERÄTE, GROSSKÜCHEN-EINRICHTUNGEN, AKTUELLES, and SERVICE. The main content area is titled "BUILDING INFORMATION MODELING (BIM)" and contains the following text:

BUILDING INFORMATION MODELING (BIM)

Aktuelle Informationen zur Gerätedatenmodellierung von Großküchengeräten

IFSE Parameter Data Dictionary List

Die Verbände Foodservice Consultants Society International e. V. [FCSI], Verband der Fachplaner Gastronomie - Hotellerie - Gemeinschaftsverpflegung e. V. [VdF], Fachverband Gastronomie und Großküchen-Ausstattung e. V. [GGKA], Verband der Hersteller von gewerblichen Geschirrspülmaschinen e. V. [VGG] und Industrieverband Haus-, Heiz- und Küchentechnik e. V. [HKI] arbeiten in einem Lenkungskreis Building Information Modeling eng zusammen und setzen sich mit der Standardisierung von BIM-Parametern intensiv auseinander. Es wurden die für die Großküche relevante Parameter erarbeitet und in der „International Food Service Equipment Data Dictionary Parameter List“ [IFSE Parameter Data Dictionary List] festgelegt. Die Parameter werden von den Verbänden FCSI, GGKA, HKI, VdF und VGG als verbindlich angesehen.

Auf der Seite des FCSI ist die BIM Parameter Liste auch im TXT Format in den Sprachen Deutsch, Englisch, Französisch, Italienisch, Spanisch und Portugiesisch verfügbar. Die TXT-Dateien können unter den folgenden Links heruntergeladen werden.

Deutsch: https://fcsi.de/fileadmin/data/downloads/bim/IFSE_SharedParametersList_DEU_V07_1_2017.txt

Englisch: https://fcsi.de/fileadmin/data/downloads/bim/IFSE_SharedParametersList_ENG_V07_1_2017.txt

Französisch: https://fcsi.de/fileadmin/data/downloads/bim/IFSE_SharedParametersList_FRA_V07_1_2017.txt

Italienisch: https://fcsi.de/fileadmin/data/downloads/bim/IFSE_SharedParametersList_ITA_V07_1_2017.txt

Spanisch: https://fcsi.de/fileadmin/data/downloads/bim/IFSE_SharedParametersList_ESP_V07_1_2017.txt

Portugiesisch: https://fcsi.de/fileadmin/data/downloads/bim/IFSE_SharedParametersList_POR_V07_1_2017.txt

On the right side of the page, there is a sidebar titled "Schnelleinstieg" (Quick Start) with the following links:

- HKI-Termine
- Stellenangebote
- FNH
- Leitbild
- Infomaterial
- ZVEI Code of Conduct
- Anfahrtsplan
- Datenschutzinformation

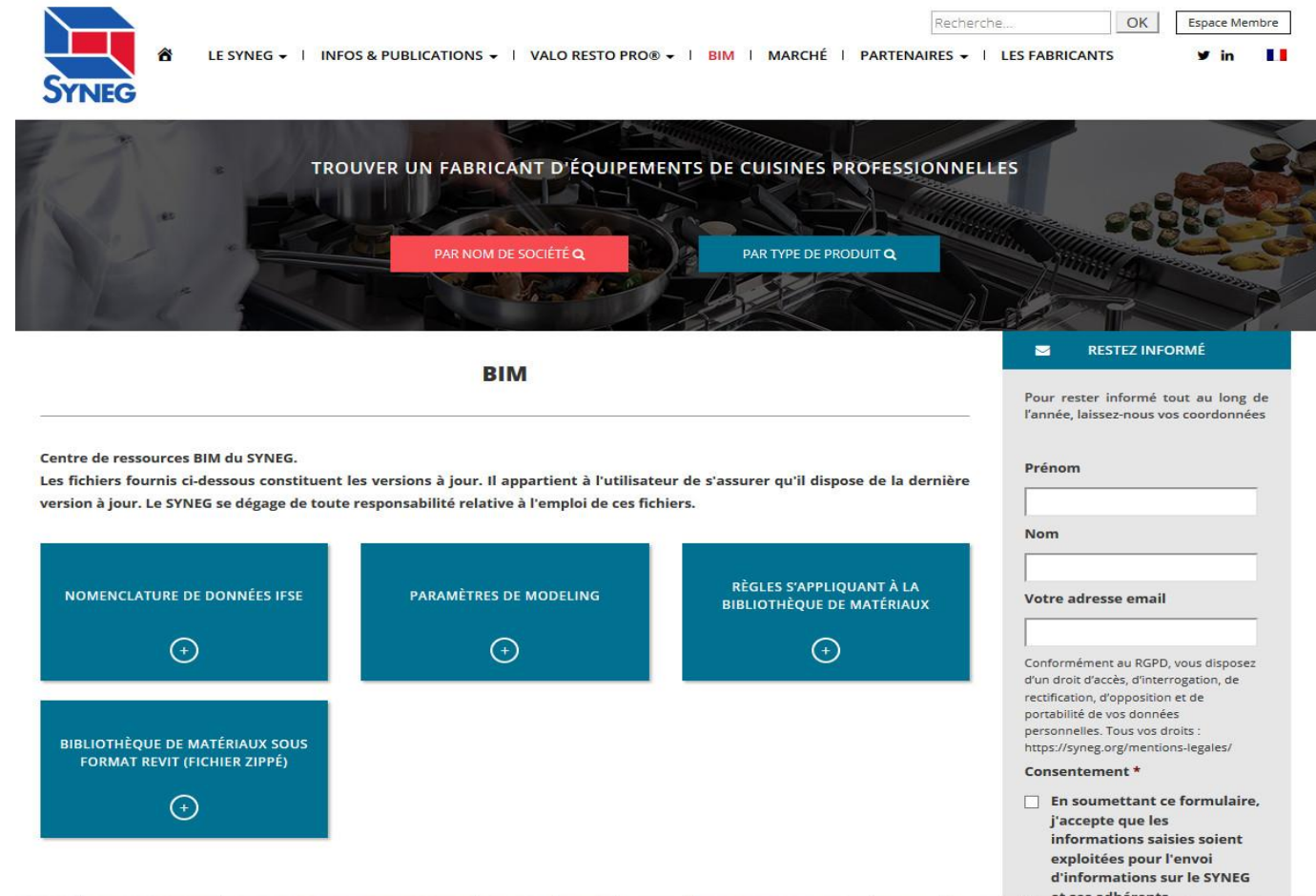
The associations FCSI, GGKA, HKI, VdF and VGG in March 15th 2015 created a BIM Steering Committee, with the goal to create a Standard of the BIM Shared Parameter. The Steering Committee worked out important parameters for the Foodservice Industry and collected them in a „Master Parameter List“.

The BIM Working Group for Foodservice Equipment World Wide



SYNEG BIM

<https://syNEG.org/bim/>



The screenshot shows the SYNEG BIM website interface. At the top, there is a navigation bar with the SYNEG logo, a home icon, and menu items: LE SYNEG, INFOS & PUBLICATIONS, VALO RESTO PRO®, BIM, MARCHÉ, PARTENAIRES, and LES FABRICANTS. A search bar and 'Espace Membre' link are also present. Below the navigation bar is a large banner with the text 'TROUVER UN FABRICANT D'ÉQUIPEMENTS DE CUISINES PROFESSIONNELLES' and two search buttons: 'PAR NOM DE SOCIÉTÉ' and 'PAR TYPE DE PRODUIT'. The main content area is titled 'BIM' and contains a paragraph about the BIM resource center, followed by four buttons: 'NOMENCLATURE DE DONNÉES IFSE', 'PARAMÈTRES DE MODELING', 'RÈGLES S'APPLIQUANT À LA BIBLIOTHÈQUE DE MATÉRIAUX', and 'BIBLIOTHÈQUE DE MATÉRIAUX SOUS FORMAT REVIT (FICHIER ZIPPÉ)'. On the right side, there is a sidebar with a 'RESTEZ INFORMÉ' section containing a form for email registration and a consent checkbox.

The BIM Working Group for Foodservice Equipment World Wide





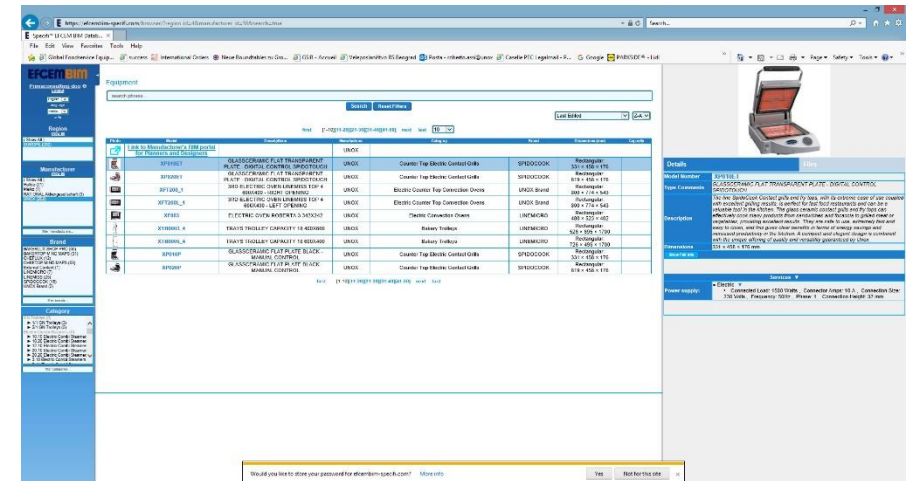
<http://www.efcem.info/news/latest+news/latest-news/1,413,1,>

<https://specifiglobal.com/partners/efcembim-cesabim/>



Meeting: **EFCEM WG1 Public Procurement and BIM – Actions**
Date: **Monday 7th October 2019 15.00-16.00hrs. UK**
Venue: **GotoMeeting**

ITEM	DETAIL	ACTION
Present	Keith Warren (CESA) Chairman Diogo de Costa (APIRAC) Fabian Anzmann (HK1) Detlef Rank (HK1) Roberto Assi (FCSI)	
Minutes of the Last meetings	The following were noted.  EFCEM WG1 Public Procurement & BIM  IFSE Parameters Group Friday 14th Ji	
Update on National BIM Developments	<u>GERMANY</u> WG meeting re. sub categories on 13 th September 2019 defined the library for materials, especially stainless steel, to ensure a common visual representation on plans. Guidelines for Revit – being redrafted to shorten by P.Banski. buildingSMART – cross check required with the data dictionaries to ensure a common application. 10 individuals are required to form a WG, EFCEM members encouraged to participate if members of buildingSMART.	



The BIM Working Group for Foodservice Equipment World Wide



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Foodservice
Equipment
Workgroup

<http://bsdd.buildingsmart.org/>

buildingSMART Data Dictionary

ISO 12006-3 based ontology for the building and construction industry

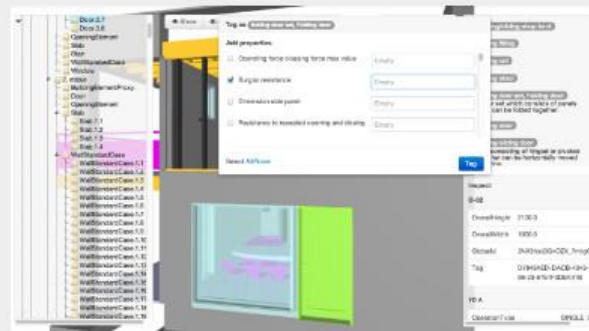


Image courtesy of bimsync.com

Welcome to the buildingSMART Data Dictionary. You may browse and search the content of the buildingSMART Data Dictionary from this web page. We highly recommend that you register as a user, but it is possible to access the Dictionary without registering. It is also possible to use the buildingSMART Data Dictionary Application Programming Interface (API) and data from the Data Dictionary in your own applications. For more information see below or contact the [buildingSMART Data Dictionary Support Team](#). More information about the Data Dictionary is available at [buildingSMART Data Dictionary's formal web site](#).

The BIM Working Group for Foodservice Equipment World Wide



International
Food Service
Equipment
Parameters
Group



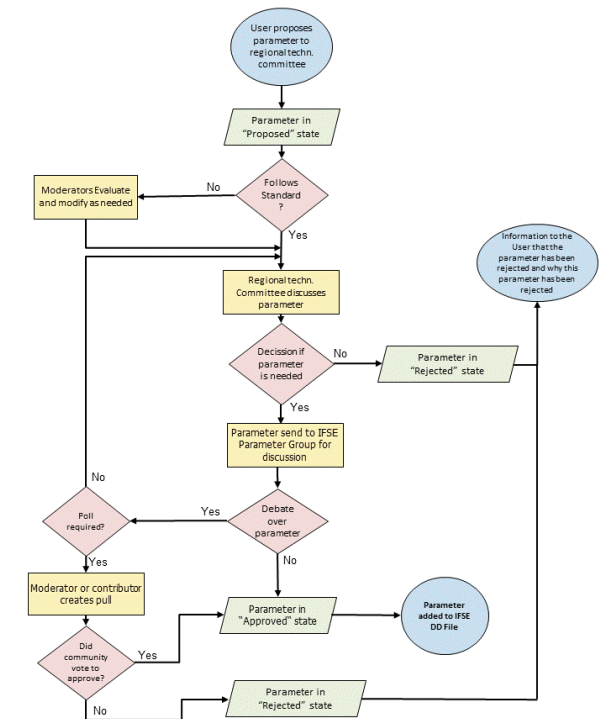
International Food Service Equipment Parameters Group

Meeting Date: Friday 14th June 2019. 11.00am – 16.00 CET

Venue: SYNEG Offices, Room 25, 39 Rue Louis Blanc, 92400 Courbevoie, France.

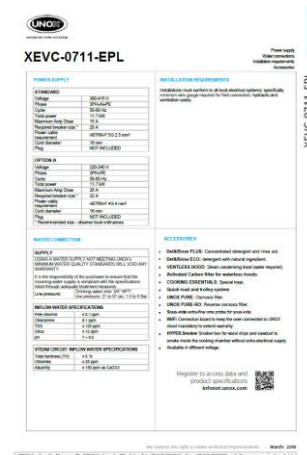
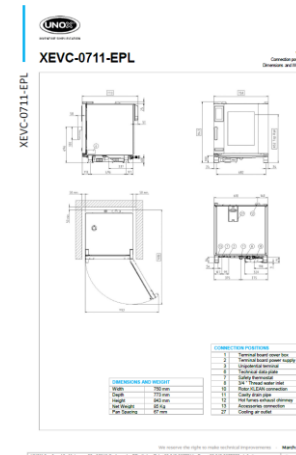
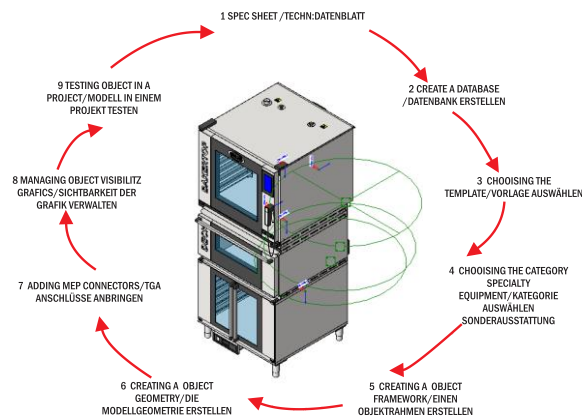
1. PRESENT

Roberto Assi	FCSI	co-chair
Keith Warren	EFCEM	co chair
Detlef Rank	Rational	
Fabian Anzmann	HKI	
Peter Banski	Meiko	
Andreas Helm	HKI	
Laurent Goddard	Sudinox	
Paolo Coricola	Electrolux	
Kevin Kochman	KCL	
Matthew Currie	AutoQuotes	
Luca Salmoni	Cadenas	
Ilya Terzi	Specifi	
Truman Donoho	Foodservice Equipment Symbols	



How the Industry accepted BIM and IFSE 7.1?

- There are several premium Brand that have adopted the IFSE Standard and the FCSI US Standard
- But a lot of minor Manufacturer are offering just CAD DWG 2 or 3 D
- There is also a Leak of information and poor or inexistent Spec Sheet or Product Data Template



The IFSE LOGO



The BIM Central Repository for Information

Central Repository for Foodservice Standards and Guidelines on WEB



<http://www.gfeands.org/bim>

BIM Standards

Useful Links

**Customer
Experience
Forum**

**Guidelines
for Models**

**BIM Workflow
Guidelines**

**IFSE
Parameter
List**



Next Steps

- Convalidating the new Draft of IFSE 7.2 DD making the compaireson with the building SMART D.D. To be pugbished in 2021
- Create a new Revit gudelines for Revit in German and English
- Material list, to have the same apperance for all products
- Looking for a solution to MEP Connection's

THANK YOU !

Q & A

Contact :



Roberto Assi FCSI

BIM REPRESENTATIVE FCSI EAME

Referente BIM FCSI Italia

Member of the FCSI EAME Board of Trustees

Other Country's

BIM Koordinator FCSI Deutschland Österreich

Co-Vorsitzender des BIM Lenkungskreises Großküchen bei HKI

GSM ITA +39 340 7081832

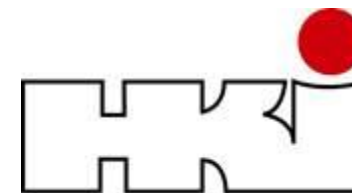
GSM SRB +381 621299477

RobertoAssi@fcsi-italia.org

Vice President FCSI EAME DIVISION



CO- Chair



**Member of the buildingSMART BIM
Foodservice Equipment Workgroup**

