

ESUS

Environmental Stewardship
Utilities & Sustainability
Community

A Community of  IFMA™

**ESUS SAG
Newsletter**

May 7, 2017

The ESUS Strategic Advisory Group Team + IFMA Board liaison.



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1. April Summary of the IFMA IoT Portal (iot@ifma.org)

STATS AND NEWS

- The IoT portal grew from 127 to 158 members in April (a growth rate of 24.4%) with members coming from 14 countries. Not a member? E-mail [IoT@ifma.org](mailto:iot@ifma.org) to join.
- The IoT Survey was closed in mid-month. The survey was mailed to the entire IFMA membership as well as portal and some RICS members. Over 1000 responses were received, are currently being analyzed, and results will be posted on the IoT portal and elsewhere. Additionally, focus groups are being planned for World Workplace. Below is the result of one of the questions asked in the survey:

You previously indicated that you are currently using or plan to use IoT in...	Percentage
BIM	33.62%
Building automation	67.23%
Energy management	69.34%
Environmental health	22.83%
General maintenance	60.68%
Safety	30.87%
Security and physical access	64.69%
Space management	47.57%
Other (write-in)	5.29%
Total	100.00%

- At least one of the channels provides feedback related to the channel in question. Joe Poskie from Trimble and leader of the #Interoperability & Standards channel responded as follows.

- It will be important that we leverage some relation back to existing standards. Within the FM world, one of the more prevalent standards groups is OSCRE.
- We could invite additional standards groups into the discussion, such as a representative from NBIMS or BuildingSmart.
- Issues - just a start...
 - Building Data Standards - we have yet to fully embrace data standards for facilities, but perhaps IoT will become even more of a catalyst. What data structures are best fit to IoT?
 - Semantic Data per device - what are the various efforts underway to establish a standard? Who is involved? Do they have a specific focus (what is being excluded)?
 - Buyer vs. Vendor - Which standards might be more of a problem for the Buyer or the Vendor? What separates them?
 - Existing Systems plus New - what should FMs be expecting from existing technologies (standard data structures, formats, APIs) to be compatible with new technologies? (and the inverse)
 - Security - [defer to security channel]
 - Supply chain - what data needs to flow through the supply chain, with what human touches? (the asset, tenant, property manager, building owner, service provider, technician)
- Case Studies
 - There are not necessarily any SMEs when it comes to case studies, with exception perhaps to someone who is getting a lot of exposure in the area and hearing a lot of stories. We'll have to keep an eye out for that as they could be of help.
 - My intention for this channel is really to start to dig up regular examples and link their stories on the channel. Perhaps we will find the individuals involved per case study along the way and they will allow us to pepper them with questions.
 - Issues
 - Who has actually made some progress on IoT related projects?
 - What hurdles are regularly faced in IoT projects?
 - What "low hanging fruit" have people identified (both low cost and low risk)? What is considered "out of reach" still? Why?
 - Has anyone been forward thinking enough to devise an entire "IoT execution plan" for a particular property, building, campus, or portfolio?
 - Are there differences by industry sector, building use type, ownership/occupancy type?

2. ESUS Sustainability Liaison Calls

The ESUS SAG holds by-monthly sustainability liaison calls on the last Tuesday of the month. The calls normally consist of a presentation of interest to our members as well as an update of recent ESUS activities. The next call will take place on Tuesday June 27 from 12:00-1:00 PM Central. Not receiving notices re. sustainability liaison calls? Contact "Lee, Jaclyn" jlee@ifma.org

3. Welcome to our new April 2017 Sustainability Community members.

We would like to welcome April's new Sustainability SAG Members:

John Mezger <john@dripcycle.com>, Jeremy Kronbech <jeremy@contourteam.com>, Lavance Dixon <lavance.dixon@durhamnc.gov>, Carl Shapiro <cshapiro@avidarco.com>, Tessa Schreinert <schreinert@leoncountyfl.gov>, Dan Hutton <dhutton56@hotmail.com>, Manish Kumar <mandix72@hotmail.com>, Jenna Shadowitz <jenna.shadowitz@siemens.com>, Mark Pierce <mark.a.pierce@siemens.com>

We look forward to your participation. We are a volunteer organization so please let us know if you are interested in getting involved in any of our activities or if you have any questions or comments (contact sustainability@ifma.org).

4. New eFMJ column related to SAG Communities

IFMA's Components group launched a *Components in Focus* section to appear bi-monthly. The first column appeared in the March/April 2017 eFMJ section. This new section is meant to showcase the activities and achievements of IFMA groups, so please submit your chapter, council or community sustainability/energy news to emily.bennett@ifma.org.

5. Editorial Calendars for eFMJ Articles and Webinars

eFMJ Articles

Proposed eFMJ Article	2017	FMJ Issue Theme
Work on the Move2: Adding Sustainability to the Transformation of the Workplace	Jan Feb 2017	Workspace as a Tool
no article	Mar Apr	Optimizing Operations
A Winning Formula: IFMA + CEP Partnership = Energy Efficient Buildings + Healthier Cities	May/June	FM and the Environment
Green Leases: Issues and best practices;	Jul/Aug	Safety, Security and Risk
Wellness Benchmarking and certification systems	Sep/Oct	People, Process, Place -
IoT, Analytics, AI and Cloud: Implications for CRE/FM and Sustainability	Nov/Dec	Technology and Next-Generation FM

Webinars

2017	
Energy and Water Benchmarking – Bringing financial and sustainability value to your building	Jan
COUNCIL - Utilities Part 1: Working with Electric Utilities	Apr
The Application of Life cycle Financial Modeling and Whole Life Costing Techniques in FM	May or early June
Utilities Part II	June 27 1 PM EST
TRAIN THE TRAINER - ENERGY STAR	July
NO WEBINAR- AUGUST VACATION	Aug
Leased Space: Green Leases and DoE Tenant work	Sep
Wellness Benchmarking and certification	Oct
COUNCILS - Healthcare Institute and IT	Nov
IoT, Analytics, Big Data, IFMA Portal	Dec

Mail your ideas for webinar and article topics to sustainability@ifma.org. In case you missed a webinar, URLs for 2016 and 2017 are as follows,

Jan 21 Sustainable Procurement:

<https://attendee.gotowebinar.com/recording/4973828137377506306>

Feb 17 ENERGY STAR -

<https://attendee.gotowebinar.com/recording/8637296428037464835>

Mar 8 Getting Started

<https://attendee.gotowebinar.com/recording/6074554726479061505>

May 18: 12 PM Central: Measuring and Reporting -

<https://attendee.gotowebinar.com/recording/4662997302282251010>

June 22: 12 PM Central: Waste Stream Management –

<https://attendee.gotowebinar.com/recording/2311727970939962628>

July 13: Engaging Tenants in Energy Efficiency –

<https://attendeegotowebinar.com/recording/4255201634878825987>

September 7: Resilience Planning for FMs

<https://attendeegotowebinar.com/recording/5824908416393568513>

November 8: Energy Storage: Is it Right for Your Building

<https://attendeegotowebinar.com/recording/288633175935953924>

January 11, 2017: Energy and Water Benchmarking – Bringing financial and sustainability value to your building <https://attendeegotowebinar.com/recording/6645466250411212546>

April 27, 2017: Working with Electric Utilities (Part A) - IFMA Community Orientation to “Electric Utilities,” <https://attendeegotowebinar.com/recording/2196378212865802755>

6. News from our Third Party Liaisons

Department of Energy



SWAP 3 is live! Watch the cities of Atlanta and Boston take on energy efficiency

Through the [Better Buildings Challenge SWAP](#), DOE has found a new way to highlight energy leaders and make it fun to see how peer to peer sharing – across very different buildings and businesses --can drive even greater energy and cost savings. Launching today is our third SWAP featuring [the cities of Boston and Atlanta](#). These two very different cities come together to SWAP ideas, jobs and expertise to demonstrate how large metropolitan areas are creating more sustainable communities. Mayors Kasim Reed and Marty Walsh are part of this SWAP as they empower their city energy teams to tackle everything from historic spaces to modern infrastructure



[2017 SPLC Summit](#) registrants will receive an exclusive **invitation to test-drive the SPL CBenchmarkSM platform in the weeks immediately preceding the Summit**, which will take place May 8-10th in Denver, CO.

The **SPLCBenchmarkSM** will be officially [unveiled during a main stage presentation](#) at the Summit. Summit attendees will be invited to give input on the further development of the

platform during two [interactive workshops](#) on the morning of May 10th. Feedback collected during the pre-Summit test-drive and in the Summit workshops will be incorporated into the platform before it is released for general use in the summer of 2017.



Please send comments
and suggestions to:
sustainability@ifma.org