ESUS

Environmental Stewardship Utilities & Sustainability Community

A Community of IFMA

ESUS SAG Newsletter

October 2017

The ESUS Strategic Advisory Group Team + IFMA Board liaison.

Sheila Sheridan

Chris Laughman

Jenny Young

Bill Conley

John McGee

Dean Stanberry
Chair

Eric Teicholz
Past-Chair

STATS AND NEWS

1. Chairman's Notes

We're turning the corner towards the fall season; vacations are over, kids are back in school and most businesses are focused on year-end financials. That said, we should pause to recognize the tremendous damage Hurricane's Harvey, Irma and Maria have visited on the southeast US and Caribbean. Several IFMA Staff members were impacted by these events, and IFMA has set up a fund for donations to aid in their recovery. Please consider contributing if you are able. If you were personally impacted by these events, our thoughts are with you.

IFMA HQ has experienced more than its fair share of challenges following the ravages of Hurricane Harvey on Huston. This occurring a mere seven weeks prior to the World Workplace Conference – also hosted in Houston. However, the officials of the George R. Brown Convention Center and the City of Houston have assured us that they will be ready to accommodate our World Workplace Conference and Expo and attendees at the prominent level you've come to know. Watch this brief video from Mike Waterman, President of Visit Houston for an update on Houston's recovery and readiness for business.

This month we also welcome a new member to our ESUS Community Strategic Advisory Board. We are excited to have Barry Giles join our leadership team.

As our Community membership continues to grow, this month we also welcome eight new members – including one from Dubai and one from Qatar. Environmental Stewardship remains a global issue, and we are pleased to have IFMA members from EMEA join our Community.

Be sure to read the ESUS-sponsored three-part article on Building Healthier Workplaces appearing in the Sep-Oct issue of the FMJ. The article is also posted on our ESUS Community web site. Stay tuned for scheduling information on a follow-on Webinar with the article authors.

We have two recommended Webinars coming up early in October. On 10/3; "***Year of the Lease: New Tools for Leased Space Energy Efficiency***", is being offered by the DOE Better Buildings initiative and deals with the EPA's ENERGY STAR Tenant Space program and new enhancements to DOE's Green Lease program. On 10/4; "***Voice of the Tenant***", is hosted by ESUS Community.

Please enjoy this issue of our ESUS Community Newsletter. As always, your comments and suggestions are welcome by emailing me through the link below.

Best Regards,

Dean Stanberry

2. The Strategic Advisory Group (SAG) Welcomes Barry Giles

The ESUS Community would like to extend a warm welcome to our newest Strategic Advisory Board member – Barry Giles. Barry has been an IFMA member for five years and current co-chairs the Sustainability Committee for the San Francisco Chapter of IFMA.

However, Barry's involvement in sustainability reaches far beyond is IFMA tenure. As CEO of BREEAM USA, LLC and the CEO of BuildingWise, LLC, he has been instrumental in bringing the BREEAM program to the USA. For the past 15 years, he worked tirelessly to improve the operations of existing buildings and to promote the teams that operate them. In 2002, he was part of the team that drafted the USGBC LEED Existing Building certification program.

Needless to say; Barry has long been a champion of environmental stewardship and is no stranger to leadership roles in our efforts. Please join me in welcoming Barry to the ESUS Community, and we look forward to his contributions as part of the SAG team.

3. IFMA IoT Portal (iot@ifma.org)

- BETA, a Trade Association (501c6) formed in 2017 and supported by IFMA, continues to establish its presence as a hub for exploration and dialog around IoT and its impact on the Built Environment. Some of the Key trends revolutionizing today's buildings include;
    - Internet of Things (IoT)
    - Smart buildings, campuses and cities
    - Building automation
    - Blockchain
    - Cyber security
    - Data center management tools
    - Cloud computing
    - Integrated workplace management solutions (IWMS)
    - 3-, 4- and 5-dimensional printing
    - Artificial intelligence/augmented reality
    - Drones

  Active discussion channels include:
    - Analytics/business intelligence
    - Asset management
    - Case studies
    - Commercial products
    - Finance
    - Information technology
    - Interoperability/standards
    - Regulatory/legal
    - Security
    - Semantics

- Sustainability
- Urban usage

If you are interested in participating in the discussions, visit the BETA site and select "Join" from the top navigation menu.

- The IoT portal continues to grow, with members coming from 14 countries. Not a member? Send an E-mail IoT@ifma.org to join. For a copy of the sustainability channel leader report, write to IoT@ifma.org.

4. ESUS Sustainability Liaison Calls

The ESUS SAG has put the Sustainability Liaison bi-monthly calls on a temporary pause. If you wish to be notified of future liaison calls, please contact "Lee, Jaclyn" jlee@ifma.org to have your name added to the distribution list.

5. Welcome to our new Sept 2017 ESUS Community members.

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

David Daniel	ddaniel@willdan.com
Sean Jensen	jensens83@yahoo.com
Jaroor Kamal	kamal.jaroor@gmail.com
Sherita Ceasar	sheritaceasar@comcast.net
Sharon Cassidy	scassidy@eileenfisher.com
Stephen Reynolds	fordgt40@verizon.net
Crystal Foster	crystal.foster@hotmail.ca, and
Ghaith Shmayyes	ghaithsh@hotmail.com

A special welcome to Jaroor Kamal who joins us from Dubai and Ghaith Shmayyes who joins us from Qatar. 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). Please check out previous newsletters on the ESUS Community website for more information on our activities.

6. Save the Date

- **World Workplace: Open ESUS Meeting**
  Wed. Oct 18 @ 8:00-9:00 AM (Room 320C) to have an open discussion about the past year's activities and next year's goals and objectives. Breakfast will be served. The meeting host will be John McGee, IFMA Fellow, past IFMA Chairman of the Board and current ESUS Community Strategic Advisory Group member.

- **October Webinars**
  It is our pleasure to announce that IFMA's ESUS community will be taking part in two webinars dealing with leased space next October 3rd and 4th.

- ✓ ***Year of the Lease: New Tools for Leased Space Energy Efficiency***
  On October 3rd, 3-4pm (EDT), ESUS is recommending a DOE Better Building Initiative webinar entitled "Year of the Lease: New Tools for Leased Space Energy Efficiency" (also highlighted in the Better Buildings Webinar Series section). This webinar deals with the EPA's ENERGY STAR Tenant Space program and new enhancements to DOE's Green Lease program. For more content and registration information go here.

- ✓ ***Voice of the Tenant***
  On October 4th 1-2pm (EDT), ESUS is presenting a "Voice of the Tenant" webinar. To register, go here.

  A majority of businesses rent their office space. They would like to save money on their energy bills but are hesitant to invest in energy efficiency upgrades and solar for a building they do not own. Commercial property owners are hesitant to invest in energy efficiency and solar because their tenant pays the energy bill. A green lease addresses this split incentive by sharing the costs and financial benefits of making upgrades between the property owner and tenant.

  This webinar has two components. The first part will deal primarily with green leases and the second will introduce resources to help you update your leasing practices and opportunities for your organization to earn recognition through DOE's Green Lease Leaders program and EPA's new ENERGY STAR Tenant Space initiative.

  Presenters:
  Justine Burt
  Founder and CEO, Appraccel

Justine Burt has 17 years of experience consulting with the private and public sectors to implement effective sustainability projects. She has worked with hundreds of companies and dozens of public agencies on waste prevention, energy efficiency, water conservation and alternative transportation projects that reduced operational costs, improved employee engagement and enhanced green branding.

Holly Jamesen Carr
Energy Technology Program Specialist, U.S. Department of Energy

Holly Jamesen Carr is an Energy Technology Program Specialist at the U.S. Department of Energy (DOE), where she manages DOE's Better Buildings Alliance, a voluntary energy efficiency partnership involving over 200 organizations and over 11 billion square feet of U.S. building space across commercial office, healthcare, higher education, hospitality, retail, food service and grocery sectors. Previous to her work at DOE, Ms. Carr managed dozens of public, private and federal sustainability projects, assisting clients to implement environmentally preferable strategies for building design, construction, and occupancy. She is a LEED accredited professional and a certified energy manager.

- **November Webinars**
  Stay tuned for more information on our upcoming November Webinars. We anticipate a pre-recorded webinar on Asset Management from our colleagues in Hong Kong, and a live webinar following up on the ESUS-sponsored three-part article on Building Healthier Workplaces appearing in the Sep-Oct issue of the FMJ.

7. Editorial Calendars for ESUS eFMJ Articles and Webinars

eFMJ Articles

Issue	Theme	Proposed Topic
Sep/Oct 2017	People, process Place	Wellness Benchmarking and Certification Systems
Nov/Dec 2017	Technology and next generation FM	IoT, Analytics, AI and Cloud: Implications for CRE/FM and Sustainability
Jan/Feb 2018	Form Meets Function	
Mar/Apr 2018	Financing FM	
May/Jun 2018	Owning O&M	
Jul/Aug 2018	Managing 21st Century Spaces	
Sep/Oct 2018	The Evolution of FM	
Nov/Dec 2018	Sustainability Review	
Jan/Feb 2019	The How-To Guide	

Webinars (2017)

Webinar Date/Time	Topic
Oct 2017	Leased Space: Green Leases and DoE Tenant Work
Nov 2017	Wellness Benchmarking & Certification
Nov 2017	(Tentative) Asset Optimization: Life Cycle Costing Techniques
Dec 2017	IoT, Analytics, Big Data, IFMA Portal
Jan 2018	(Tentative) DOE: Better Buildings Swap

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, 2016: Sustainable Procurement:
https://attendee.gotowebinar.com/recording/4973828137377506306

Feb 17, 2016: ENERGY STAR -
https://attendee.gotowebinar.com/recording/8637296428037464835

Mar 8, 2016: Getting Started
https://attendee.gotowebinar.com/recording/6074554726479061505

May 18, 2016: 12 PM Central: Measuring and Reporting -
https://attendee.gotowebinar.com/recording/4662997302282251010

June 22, 2016: 12 PM Central: Waste Stream Management –
https://attendee.gotowebinar.com/recording/2311727970939962628

July 13, 2016: Engaging Tenants in Energy Efficiency –
https://attendee.gotowebinar.com/recording/4255201634878825987

September 7, 2016: Resilience Planning for FMs
https://attendee.gotowebinar.com/recording/5824908416393568513

November 8, 2016: Energy Storage: Is it Right for Your Building
https://a ttendee.gotowebinar.com/recording/288633175935953924

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

April 27, 2017: Working with Electric Utilities (Part A) - IFMA Community Orientation to Electric Utilities, **https://attendee.gotowebinar.com/recording/2196378212865802755**

June 27, 2017: Working with Electric Utilities (Part B): IFMA Community Orientation to Electric Utilities. **https://attendee.gotowebinar.com/recording/5265983781542905858**

July 20, 2017: Energy Star - Train the Trainer
https://attendee.gotowebinar.com/recording/1654546581136398593

August 31, 2017: Part 2: Energy Star - Train the Trainer
https://attendee.gotowebinar.com/recording/1407081699027754497

8. News from our Third Party Liaisons

US Dept. of Energy, Better Buildings

2017 Better Buildings Summit – Presentations Now Available

The Better Buildings Summit is a national meeting where leading organizations across key sectors showcase solutions to cut energy intensity in their buildings portfolio-wide by 20% over the next ten years. This Summit is designed for partners and stakeholders to exchange best practices and highlight demonstrated market solutions with an equal emphasis on discussing future opportunities for greater energy efficiency in America's homes and buildings.

Nearly 250 speakers presented more than 100 sessions during 2017's three-day Summit, on topics ranging from evaluating financing structures to marketing local energy efficiency programs. For each session, DOE combined all speaker presentations into a single deck. Search by sector, technology, partner, or barrier topic. Click here to view review the presentations.

Solar Decathlon 2017

The U.S. Department of Energy Solar Decathlon is a bi-annual collegiate competition made up of 10 contests that challenge student teams to design and build full-size, solar-powered houses. The winner of the competition is the team that best blends design excellence and smart energy production with innovation, market potential, and energy and water efficiency. Simply put, there's nothing else like it.

Construction of the decathlon village is under way in Denver, CO at the 61st & Peña Station on the University of Colorado A line commuter rail connecting Denver International Airport to downtown Union Station. Collegiate teams spend almost two years designing and building energy-efficient houses powered by the sun. In the final competition, the teams and their houses go head to head in 10 contests to determine an overall winner.

The 2017 competition has been enhanced with challenging new contests that emphasize:

- Innovation
- Water use and re-use strategies
- Smart energy use
- Market potential.

In addition, Solar Decathlon 2017 will continue to emphasize:

- Cost-effective architectural and engineering design
- Energy-efficient heating and cooling systems, appliances, and electronics
- Occupant health and comfort
- Communications.

For the first time in the event's history, teams are eligible for cash prizes. Each team that successfully builds a solar house at the competition site will receive at least $100,000 for rising to the challenge, and top finishers will receive significantly more.

If you live, or will be traveling, near Denver; the decathlon village has Dates and Hours that are open to the public between October 5th and October 15th. There are times the Solar Decathlon village is closed to the public for competition activities.

Better Buildings Webinar Series

Date/Time		Topic	Description
Tuesday, Oct 3, 2017 3:00 - 4:00 PM (EST)		**Year of the Lease: New Tools for Leased Space Energy Efficiency**	Learn about new developments for furthering energy and water savings in leased spaces, including new programs from EPA and the latest enhancements to Better Buildings efforts. **Register**.
Tuesday, Nov 7, 2017 3:00 - 4:00 PM (EST)		**2 for 1: Energy Efficiency and Water Savings are a Combo Deal**	Learn how you can achieve both energy and water savings in an industrial or commercial setting, and how one often follows the other. **Register**.
Tuesday, Dec 5, 2017 3:00 - 4:00 PM (EST)		**Lab Partners: How to Leverage DOE National Laboratories**	Learn about the National Laboratories and how your organization can work with them to enhance your energy efficiency. **Register**.

CITY ENERGY PROJECT

IFMA and ESUS collaboration with the City Energy Project continues to grow. Empowered with a letter of support from IFMA's CEO, Tony Keane, ESUS will be working with CEP to connect local IFMA Chapters and CEP City Advisor staff resources in to pursue the benchmarking ordinance objectives across their 20-city scope. A number of the CEP cities have expressed an interest in collaboration with IFMA and ESUS will be reaching out to those IFMA Chapters in the very near future.

To find out more about CEP's 20-city scope and objectives, please visit the CEP web site. If you are in, or near, one of CEP's 20-city scope and want to get involved, please send an email message to sustainability@ifma.org.

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