Congratulations – New IFMA Fellow

Michael is being recognized at IFMA’s World Workplace conference in Phoenix with the honor of IFMA Fellow, the highest honor bestowed by the association. Michael has been committed, involved and invested in the promotion and continuous improvement of the Facility Management practice for several decades. He has been involved with the IFMA educational programs for the FMP, SFP, and CFM credentials to help develop educated facility managers. As a result of this foundational focus, the Toronto Airport has reliable facilities, effective and efficient equipment maintenance, and precision of FM processes. Further, Michael has promoted the art and science of Facility Management through numerous speaking engagements for the American Society of Civil Engineers conferences and the Standing Committee on Transport, Infrastructure and Communities of the Parliament of Canada.

The Fellowship program was established by the International Facility Management Association in 1992 to recognize members who have distinguished themselves by achievement in and around IFMA and the field of facility management. The first class of Fellows included founders of the association and the IFMA Foundation, early IFMA leaders, facility management researchers who defined the profession, luminaries, authors, industry giants and a prominent journalist/publisher. Subsequent classes of Fellows have been equally diverse and significant. Because IFMA is the world’s largest network of facility management professionals and the recognized leader, IFMA Fellowship is unparalleled and unmatched among workplace-related recognitions.

Michael’s fellowship will be bestowed on him during the Opening Ceremonies. Let’s all be there in full force to support Michael in accepting this great honor.

Congratulations Michael.

Michael Riseborough, IFMA Fellow, RPA, FMA, FMP, CFM, AAE
Director Terminal Infrastructure
Greater Toronto Airports Authority

Join Airport Facilities Council of IFMA and connect with hundreds of airport facility professionals worldwide because sharing information is a necessity in today’s global business community.

AirFC Board of Directors

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SFP, FMP Woolpert
ellen.crews@woolpert.com

Dates to Remember

IFMA World Workplace
Oct. 16-18, 2019 Phoenix

AIRFC Fall Meeting
October 15 - 8AM to 12 PM
Dear Fellow Airport Council Members:

Yes, it’s August already and the kids are being forced off their summer vacations and having to go back to school... I feel for them because I shared their reluctance back in the day but I’m sure my parents were smiling just like all of you that they could give me to the teachers for six hours a day for the next nine months!

As an airport facilities manager nothing has slowed down this summer, in fact you’ve probably been running extra hard trying to get your CIP spent, your maintenance projects completed and patch those runways before the winter weather is back upon us. Luckily you have a few more months and I hope your teams have allowed you at least a little personal downtime for some well-earned PTO before we tackle the fall rush.

Those of you who know me, understand I can’t resist a market update every time we talk. Below is a summary for the Top 6 world carriers and their second quarter results.

If you live in North America be thankful and use these prosperous times to request funding to renew your airports while it’s actually flowing. If you’re one of our European Brethren I say hang in there, “this too will pass”!

More on the good news front: Salt Lake is enjoying a 5.25% increase in passenger traffic from 2018 their 64th straight month of growth. In addition, they’ve embarked upon a $3.6 Billion “redevelopment” program that includes a New Central Terminal that many of us got to tour in the Spring of 2018 and found to be absolutely fantastic! Fitchburg Airport in Massachusetts has just received a $13.8 Million FAA Grant for runway expansions and Oregon’s Grant County got a $10 MM grant in the same quarter. Seattle introduced its “Port Valet” program to relieve baggage congestion and Atlanta expanded its facial recognition initiative which you should note is encountering public push back in some areas of the country.

All-in-all it was a good quarter for most and our industry keeps climbing! I wish you much prosperity and may all your projects come in under budget and quicker than scheduled.

Happy Problem Solving!

John
John Means, CFM
IFMA Airport Council President

<table>
<thead>
<tr>
<th>Carrier</th>
<th>$Revenue (M)</th>
<th>Pre-Tax Income (M)</th>
<th>Net Income (M)</th>
<th>Earnings Per Share</th>
<th>Earning Growth (%)</th>
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<tbody>
<tr>
<td>Delta Airlines*</td>
<td>12,500</td>
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<td>Lufthansa**</td>
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<tr>
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<tr>
<td>Air France (KLM)**</td>
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<td>-322</td>
<td>-0.7</td>
<td>-10%***</td>
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<tr>
<td>IAG **</td>
<td>4,646</td>
<td>70</td>
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<tr>
<td>Southwest Airlines</td>
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<td>1.37</td>
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<td>2%</td>
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* Represents a new record for the company
** All European Airlines in Euro
*** 1st Quarter Results
Pittsburgh’s airport is latest to create a sensory-friendly space for travelers with autism

Move Over, Mall Rats. 'Terminal Tourists' Like Hanging Out In Airports Even When They're Going Nowhere

We’re outgrowing our airports, bridges, and tunnels. Overcrowding just hit a record.

Airports already have plenty of infrastructure funding

Cleveland Hopkins International Airport scores its highest marks ever in industry customer service ratings

California Mandates Zero-Emission Vehicles at Airports

Dubai International airport installs 15,000 solar panels
One-Time Dirtiest City Lands First All-Solar Airport

Gatwick Airport opens new arrivals facility for domestic travellers

Bipartisan House effort pushes for elimination of airport passenger facility charge cap

Airport Embraces True Nature to Save Millions on Water

San Francisco airport bans plastic water bottle sales; McDonald’s warns thick paper straws can’t be recycled

New baggage system at Charlotte Douglas may cut down on lost luggage

Interesting Videos - Click on Title
San Miguel unveils artists’ concept for sprawling 100M passenger per year Bulacan airport
San Francisco airport banning sale of plastic water bottles
Sea-Tac Airport opens new terminal
Case Study: Helsinki Airport (Finavia) | Samsung Display
Airport Facilities Council of IFMA meeting @ World Workplace

We want to invite you to the Airport Facilities Council of IFMA meeting held at World Workplace. This is a half day meeting where we will be having our open business meeting, hearing from sponsors and or business partners and holding an open town hall discussion. The meeting will be held on Tuesday October 15th from 8 AM to noon.

Breakfast will be included starting at 7:30 AM. We will get you out in time for the IFMA tours you may have scheduled. There is no cost to attend this council meeting.

Spring 2020 – Airport Council

<table>
<thead>
<tr>
<th>FLIGHT</th>
<th>DESTINATION</th>
<th>TIME</th>
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<tbody>
<tr>
<td>AIRFC</td>
<td>IAH/HOU</td>
<td>MAR 4-6 2020</td>
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Currently scheduled for March 4th – 6th 2020 which coincides with the Houston Rodeo. We understand this may have impacts based on weather operations in colder climates and the beginning of Spring Break travel and vacations. Please provide any feedback on the scheduled event as soon as possible.
Information

The Information Section is a new section to the quarterly newsletter and we invite all member and sponsors to share information on projects, questions that they would like to post for feedback. Please share your ideas (Click Here)

Discussion Thread: Sustainability

One of topics that was briefly discussed at the Spring Council meeting was the word “Sustainability”. We discussed the word, meaning most of the discussion was what does the word even mean. The word is batted around in our organizational objectives, government policies and marketing for products and services, but as the front line execution teams the definition does not always translate to our daily objectives.

We should start with the Brundtland Commission definition provided by the United Nations.

“Sustainability is the ability to meet the needs of the present without compromising the ability of future generations to meet their own needs.”

Now, I know your first reaction is what do I do with that definition in terms my objectives? How does this apply to airport facility operations and maintenance?

Next we need to bring in the 3 pillars that provide guidance as to how we should define sustainability.

- Economically profitable
- Environmentally responsible
- Healthy places to work and live

At the Spring Council meeting we saw a fantastic example of Sustainability in action with the deicing and waste water/storm water management program at CVG. Economically we understand that failure to abide by EPA permits would have negative financial implications and we know failure to process the volume of water would slow down air operations having significant financial impact on the airport. The treatment process and prevention of surface water and aquifer contamination is very environmentally responsible and makes the water and environment at the airport and around the airport healthy places to work and live.

So how do we translate that example to operations and maintenance of the terminal facilities? Traditionally the discussion has started in areas high visibility like waste and recycling programs, or the addition renewable energy or growth of electric vehicle support on the ramp to the parking garage.

Now the first place to start is with design, since there are so many new terminal construction projects, sustainability should be built in to the design. San Francisco Airport’s recent opening of Terminal 1 included many such sustainable initiatives with a target to reduce energy consumption by 70% while accommodating 70% more passengers that it previously handled.

Unfortunately, we cannot all start over and leverage design, so we need to look at existing operations and determine where we can make sustainable decisions.

Sustainable decisions can come from a reduction volatile organic compounds, improvements in energy efficiencies, improvements in asset efficiency or in dozens of other areas.
One area that seems like an opportunity is the conversion to condition based maintenance from time based maintenance. This could be the simple act of air filter replacement based on differential pressure. We see economic value by reducing the increased energy demand to maintain CFM when there is the increased resistance of a dirty filter, and we improve air quality for the environmental conditions and healthy place to work requirements.

An airport runs thousands of rotating motors and pumps from compressors and pumps for fuel delivery and water management to fans and motors for HVAC to motors for people and baggage delivery. You will find use cases from any number of industries on these exact assets and finding efficiencies from the transition to condition based maintenance.

The real answer independent of these examples is that there is no definition to the word, sustainability for your environment. The definition of sustainability is really for you to define based on your environment and needs. So the good news, you are not saddled with difficult and almost unattainable objectives, if you take the time to define sustainability for your organization. The bad news is that you must market and sell your definition to your leaders, your peers and your team members and if you fail to sell and promote your definition, you will be saddled with someone else’s definition.

One of your greatest resources is that the airport facility is a microcosm of the larger industrial world and there are many available lessons from innovation movements like Industry 4.0 and Smart Cities that can be taken advantage of.

This is the opinion of the author, Scott Smith and shared as a method to open the discussion, please reply with your thoughts and opinions.

There is a great number of resources starting with our own IFMA Knowledge Library, see some example links below.

**IFMA Knowledge Library**

- [Sustainability, Facility Management and IFMA](#) – PDF Presentation from 2012
- [Sustainability Facility Professional™ - Training](#)
- [Sustainability Facility Professional™ - Video](#)
- [Ep. 27: Sustainability & Innovation in FM | Kathy Loftus - Whole Foods Market](#) – Podcast
- [Sustainability How-To Guide: Global Green Cleaning](#) – How to Guide

*3rd Party Articles and Resources*

- [2018 SUSTAINABILITY IN FM SURVEY: HOW ARE YOU EMBEDDING SUSTAINABLE PRACTICES?](#)
- [THE INCREASING IMPORTANCE OF SUSTAINABILITY IN FM: IWFM SURVEY](#)
- [Why Facility Managers Make the Best Sustainability Executives](#)
- [Planning and education key to more sustainable FM](#)
- [James Madison University - Facilities Management Sustainability Plan 2016-2020](#)

**Airport Specific**

- [Sustainable Aviation Guidance Alliance](#)
- [Airport Sustainability Practices](#)
This map represents the location of all of our current 201 members of the IFMA Airport Council. Please continue to reach out to your counterparts across other airports and encourage participation.
CVG - Taking another step forward

CVG’s position as the fastest-growing cargo airport in the US took another step forward with the announcement that Amazon will build its primary hub on the south side of the airfield. Amazon’s $1.5 billion investment will ultimately support a fleet of 100+ Prime Air cargo planes. CVG, state and local officials worked with Amazon on a deal to:

- Lease more than 1,100 acres of CVG land
- Construct three million square feet of buildings
- Add more than 2,000 jobs to CVG’s existing base of 10,000

SLC – Designing Sustainable

- Environmentally focused with Salt Lake City’s green energy goals as a foundation and an ultimate goal of LEED Gold Certification, which only nine airport facilities in the U.S. have achieved.
- Energy efficient through the use of natural light.
- A focus on reducing emissions with a “Roadmap to Net Zero” and plans for all airline ground service equipment to be converted to electric by 2024.
- Seismically sound with upgrades to meet current code for safety.