NextGen Environmental Management System Framework

Stakeholder Collaboration Program & Website Update

Presented to: REDAC E&E Subcommittee
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NextGen EMS – A framework to foster collaboration and address aviation's environmental and energy challenges

Aviation Environment and Energy Goals

NextGen 5 Pillar Approach
• Improved science and modeling
• Accelerated maturation of new aircraft technologies
• Renewable fuels
• Accelerated Air Traffic Management (ATM) Improvements and Efficiencies
• Policies, Environmental Standards, Market Based Measures and Environmental Management System

Stakeholders
➢ FAA
➢ Airlines
➢ Manufacturers
➢ Airports
➢ Other Agencies
➢ Academia
➢ Local Communities

August 26, 2014
NextGen EMS – FY14 Work Areas

Higher Tier / System Level
1. Strategic Plan
2. Annual Assessment and Review Cycle

Information Exchange & Collaboration
3. Website / portal
4. Communication materials, presentations, etc.

Stakeholder Collaboration Program
5. Collaboration Protocols and Reward / Recognition Program

FAA & JPDO

Communicate NextGen Goals and Solutions
Communicate Environmental Performance

FAA
Industry (Airline & Manufacturer)

Other Agencies

Airports
AEE has been working a “Core Group” of industry stakeholders to develop the stakeholder collaboration program elements

- Established in July 2013
- Four in-person meetings
- Four teleconferences
- Consensus-driven process
- Currently finalizing/coordinating draft program documentation
Program Name:
Recognizing Excellence and Leadership in Air Transportation for the Environment (RELATE)

Tagline:
Advancing Sustainable Aviation Together
## Planned Key RELATE Services and Activities

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<tr>
<th>Services</th>
<th>Activities</th>
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| **Environmental Recognition**   | • Annual Program summary on the aviation industry (FAA, airports, manufacturers, air carriers) environmental performance  
• System for recognizing membership achievements towards the Aviation E&E Goals |
| **Information HUB**             | • Information Portal for data, reports, and training for aviation professional |
| **Project Nexus /Networking Center** | • Program sponsored meetings and other relevant conferences and forums  
• Member-exclusive conference calls/webinars to discuss E&E research efforts  
• Focused Communities of Interest where members can discuss environmental challenges and opportunities with one another |
| **Industry Publicity**          | • Opportunities to showcase environmental successes through the Program’s Website and Newsletter |
| **Environmental Branding**      | • Exclusive access to Program logo, marketing and communication materials  
Member organization’s name displayed on the Program’s website |
RELATE Status

• Initial program development should be completed this fall

• Developing a 6-month ‘Pilot Test’ to test program with potential members
  – Seeking 6+ additional Pilot Test participants (12-18 total)
  – If interested, or know of organization that may be, please let me know
The RELATE website will be a focal point for member and other stakeholder communications

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<tr>
<th><strong>Goal</strong></th>
<th>Provide a focal point for member and other stakeholder engagement and collaboration to support the Aviation Environment and Energy Goals developed in collaboration with stakeholders, and provide a mechanism for members to share information, lessons learned, and data.</th>
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| **Scope** | **First Phase** – Establish the broader RELATE Website. Focused on communicating with stakeholders (e.g., the challenges, the Aviation Environment and Energy Goals, ongoing and planned efforts that are supporting the Goals).  
**Target:** Initial Completion Fall 2014  
**Second Phase** – Establish the RELATE Member Portal to foster the exchange of information, best practices, and data to enhance the operational and environmental performance of the aviation industry and its stakeholders.  
**Target:** Initial Capability in FY15 |
| **Keys to Success** | • Providing a “one-stop-shop” on issues and efforts related to the Aviation Environment and Energy Goals and Environmental Initiatives/research  
• User portal for registered members to share data |
Website Status

• Drafted external website
• Coordinated with FAA Office of Communications (AOC)
  – External URLs require DOT Secretary Approval, requested by FAA Administrator
  – AEE and RELATE Core Group believe that at this point, an alias off of faa.gov is the best compromise (e.g. relate.faa.gov)
  – Plans to port draft site to FAA domain
• Similar solution could be used for FAA E&E Research (e.g. environment.faa.gov, faa.gov/environment)
**Next Steps**

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<thead>
<tr>
<th>Stakeholder Collaboration Program Phases, Activities, and Schedule</th>
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<tbody>
<tr>
<td><strong>Activities</strong></td>
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<tr>
<td>• Establish a cross-functional Stakeholder Core Group and design the program with FAA</td>
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<td>• Conduct the Program Test Pilot with a broader set of stakeholders</td>
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<td>• Complete Website Phase I</td>
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<td>• Full launch of the Stakeholder Collaboration Program</td>
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<td>• Complete Initial Portal (Phase II)</td>
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