



Airports Going Green

CONFERENCE



Richard M. Daley
Mayor

August 5 - 7, 2009 • Fairmont Hotel, Chicago Illinois



AIRPORT SUSTAINABILITY INSTITUTE

Airports Going Green Conference, Chicago



WHO IS CTE?

- ◎ Center for Transportation & the Environment
 - ◎ Member-based, Non-profit
 - ◎ Facilitates research & development of advanced technologies and sustainable best practices in the transportation sector
- ◎ Creates new sustainability-based initiatives:
 - ◎ Evergreen Sustainability Solutions
 - ◎ Southern Hydrogen & Fuel Cell Coalition
 - ◎ TDM Framework



GETTING TO SUSTAINABILITY STANDARDS



- ⊙ Economic, environmental, and community factors driving the need for airports to become more efficient and sustainable enterprises
- ⊙ Several airports independently and collaboratively developing sustainability guidelines and internal rating systems
 - ⊙ i.e., OMP, LAWA, SFO, etc.
- ⊙ Sustainability research and voluntary collaboration to develop guidance (i.e., ACRP, SAGA)



GETTING TO SUSTAINABILITY STANDARDS

- ⊙ Airport-specific programs and individual voluntary efforts will be difficult to maintain in the long run
- ⊙ No independent organization to measure and rate sustainability performance at airports
- ⊙ USGBC's LEED rating system inadequate for airport structures and does not address enterprise components
- ⊙ Airports could benefit from an independent, non-profit organization to be a facilitator and custodian of standards and to certify projects and/or airports





WHAT IS PROPOSED?

- ⊙ Independent, non-profit organization with the following goals:
 - ⊙ Reduce the impact that airports have on local air, water, and land quality; as well as global climate change
 - ⊙ Improve economic performance by promoting cost-effective best practices
 - ⊙ Improve the image of aviation and airports by creating a positive and beneficial impact for their communities.
 - ⊙ Inclusive of all airports – recognize differences due to scale, region, etc.

BUSINESS MODEL





STANDARDS & RATINGS

- ① Leverage existing sustainability guidelines
 - ② SDM, SAGA, etc.
- ① Facilitate the process for creating and maintaining sustainability standards and rating system
 - ② Employ a collaborative, consensus-based approach to developing standards & ratings based on voluntary input from airports and aviation professional





CERTIFICATION

- ① Voluntary program
- ① Rate airports and/or project based on the established standards and rating system
- ① Provide certification based on score achieved
- ① Recognize and award airports who have achieved sustainability targets based on the rating system



DEMONSTRATION

- ③ Attract funding and grants to demonstrate sustainability best practices and technologies at airports



PUBLIC RELATIONS

- ③ Recognition and public relations campaign based on certification and demonstration projects
- ③ Promote airport achievements within the community and across the industry





CURRENT STATUS

- ① Concept is developing
- ① One-time funding request included in FAA reauthorization bill





NEXT STEPS

- ◎ Don't Stop!
- ◎ Obtain feedback and refine concept
- ◎ Establish Board of Advisors
- ◎ Establish fundamental operating model
- ◎ Establish Standards and Ratings committees
- ◎ Create version 0.1
- ◎ Pilot program
- ◎ Produce Release 1





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