

# ALLIANCE NEWS

AVIATION GREEN  
A LINDBERGH FOUNDATION ALLIANCE

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## Bringing Stakeholders Together to Address Aviation's Environmental Challenges

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AGA Newsletter welcomes your contributions. If you see anything that should appear in our next issue, send it to us!  
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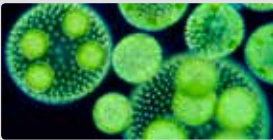
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### BREAKTHROUGHS & DISCOVERIES

*Early Indicators of Aviation Futures & Environmental Issues*

#### YOUR NEXT FLIGHT COULD BE PLANT POWERED

*(smartplanet, Nov 07 2011)*



The next time that you board an airliner, you may be an unwitting participant in green technology testing. Major airlines are booking commercial flights on planes fueled by algae, plant oils, discarded cooking oil, trash, and even recycled industrial waste.

Airlines across the globe are experimenting with alternative fuel sources to hedge against volatile oil prices, become more sustainable, and reduce carbon pollution emissions. Here are some examples of how the industry is faring...[READ MORE](#)

#### ABOUT AGA

The Aviation Green Alliance creates multiple platforms for Members to share strategies, findings, progress, and ideas related to aviation's environmental challenges.

AGA offers memberships for everyone, at the corporate, individual & academic level. [Visit our website for more information.](#)

### SYSTEM INNOVATIONS

#### Move Over Electric Car, The Electric Airplane is Coming

*(Steven Ashley, Txnologist.com, July 23, 2011)*

Several years ago, when the auto industry faced government pressure to minimize its environmental footprint by reducing fuel consumption and tailpipe emissions, manufacturers turned first to hybrid-electric and then battery-electric powertrains that now move Chevy Volts and Nissan Leafs.

Today, confronted with substantially the same environmental mandates, the aviation industry has begun gearing up to use those same green power plants to propel aircraft. The electric car is so yesterday; electric airplanes are coming...[READ MORE](#)



### FUTURES OF AVIATION

*Early Indicators of Aviation Futures & Environmental Issues*

#### Envisioning Tomorrows Aircraft

*(Daryl Stephenson, Boeing.com)*



What might future commercial airplane designs look like 25 to 30 years from now?

Two teams led by Boeing Research & Technology have completed 18-month studies on that question and have submitted their findings to NASA under a program called N+3, which denotes three generations beyond the current transport fleet.

#### UPCOMING EVENTS

2011 - 2012

Atlanta Aero Club  
March 2012  
Atlanta, GA

2012 Sun 'n Fun  
March 27 - April 1  
Lakeland, FL

2012 Lindbergh Award  
Celebration  
March 2012  
Sun 'n Fun  
Lakeland, FL

Lindbergh Foundation  
35th Anniversary  
May 2012  
The Explorers Club  
New York, NY

AirVenture  
July 2012  
Oshkosh, WI

AOPA Aviation Summit  
October 2012  
Palm Springs, CA

Heard of an upcoming event? email us!  
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