



# GREENER SKIES AHEAD Europe 2014

6th International Conference on Sustainable Aviation  
and the Future of Air Transport  
December 11, 2014 · Wissenschaftszentrum Bonn, Germany

Noise. Emissions. Fuel-Saving Technologies and Operations.  
Get the latest information on top environmental issues,  
solutions and perspectives.

+++ PROGRAM +++ PROGRAM +++ PROGRAM +++ PROGRAM +++ PROGRAM +++ PRO

To register please visit: [www.iasaev.org](http://www.iasaev.org)



International  
Association for  
Sustainable  
Aviation e.V.

Official Partner



Berlin-Brandenburg Aerospace Allianz e.V.

ALROUND



Official Publication



Nachhaltigkeit jetzt.  
PlusB Consulting - Michael Wühle



Ludwig-Bölkow  
Stiftung



Deutsche Gesellschaft  
für Luft- und Raumfahrt –  
Lilienthal-Oberth e.V.

Energy Globe  
THE WORLD AWARD FOR SUSTAINABILITY



# GREENER SKIES AHEAD *Europe* 2014

6<sup>th</sup> International Conference on Sustainable Aviation and the Future of Air Transport

December 11, 2014

Wissenschaftszentrum Bonn · Ahrstraße 45 · 53175 Bonn, Germany

## PROGRAM

09:00	<b>Registration open</b>						
09:00– 10:00	<b>Welcome and Networking Reception</b> <i>Coffee &amp; Refreshments</i>						
10:00 – 10:45	<b>Conference Session I</b> <b>Keynotes &amp; Politics</b> (Conference Session I to be held in German language)						
	<table border="1"> <tr> <td>6th GREENER SKIES AHEAD <i>Europe</i> Welcome and Introductory Remarks</td> <td><b>Rudolf (Rolf) Doerpinghaus</b> President, IASA International Association for Sustainable Aviation</td> </tr> <tr> <td>Greetings &amp; Remarks</td> <td><b>Karsten Möring, MdB</b> Member of Parliament, Member of the Committee on the Environment, Nature Conservation, Building and Nuclear Safety</td> </tr> <tr> <td>Sustainability – A Sound Foundation for a Healthy Future of Civil Aviation</td> <td><b>Dipl.-Ing. Michael Wühle</b> Senior Vice President, IASA International Association for Sustainable Aviation e. V.</td> </tr> </table>	6th GREENER SKIES AHEAD <i>Europe</i> Welcome and Introductory Remarks	<b>Rudolf (Rolf) Doerpinghaus</b> President, IASA International Association for Sustainable Aviation	Greetings & Remarks	<b>Karsten Möring, MdB</b> Member of Parliament, Member of the Committee on the Environment, Nature Conservation, Building and Nuclear Safety	Sustainability – A Sound Foundation for a Healthy Future of Civil Aviation	<b>Dipl.-Ing. Michael Wühle</b> Senior Vice President, IASA International Association for Sustainable Aviation e. V.
6th GREENER SKIES AHEAD <i>Europe</i> Welcome and Introductory Remarks	<b>Rudolf (Rolf) Doerpinghaus</b> President, IASA International Association for Sustainable Aviation						
Greetings & Remarks	<b>Karsten Möring, MdB</b> Member of Parliament, Member of the Committee on the Environment, Nature Conservation, Building and Nuclear Safety						
Sustainability – A Sound Foundation for a Healthy Future of Civil Aviation	<b>Dipl.-Ing. Michael Wühle</b> Senior Vice President, IASA International Association for Sustainable Aviation e. V.						
10:45– 12:00	<b>Round Table Discussion</b> (to be held in German language) <ul style="list-style-type: none"> <li>- <b>Karsten Möring, MdB</b></li> <li>- <b>Rainer Schweppe</b>, Fraunhofer ICT</li> <li>- <b>Jannis Reinecke</b>, Air Berlin</li> <li>- <b>Dr.-Ing. Klaus-Jürgen Schwahn</b>, Vice President, IDRF</li> <li>- <b>Dr. rer. nat. Werner Zittel</b>, CEO, Ludwig-Bölkow-Stiftung</li> <li>- <b>NN</b></li> <li>- <b>Rudolf (Rolf) Doerpinghaus</b>, President, IASA e. V., Moderator</li> </ul>						
12:00 – 13:00	<b>Networking Lunch</b> <i>Lunch Buffet, Casino im Wissenschaftszentrum</i>						
13:00 – 14:30	<b>Conference Session II</b> <b>Improving Eco Efficiency in Air Transport</b>						
	<table border="1"> <tr> <td>Introduction &amp; Moderator</td> <td><b>Prof. Dr.-Ing. Ulrich Desel</b> International University of Applied Sciences Bad Honnef</td> </tr> <tr> <td>The Future of Air Transport in a World of Limited Resource Supply</td> <td><b>Dr. rer. nat. Werner Zittel</b> CEO Ludwig-Bölkow-Stiftung</td> </tr> <tr> <td>Improving the Environmental Performance in Regional Air Transport – The Mitsubishi Regional Jet</td> <td><b>Hideyuki Kamiya</b> Director, Head of Marketing Mitsubishi Aircraft Corporation</td> </tr> </table>	Introduction & Moderator	<b>Prof. Dr.-Ing. Ulrich Desel</b> International University of Applied Sciences Bad Honnef	The Future of Air Transport in a World of Limited Resource Supply	<b>Dr. rer. nat. Werner Zittel</b> CEO Ludwig-Bölkow-Stiftung	Improving the Environmental Performance in Regional Air Transport – The Mitsubishi Regional Jet	<b>Hideyuki Kamiya</b> Director, Head of Marketing Mitsubishi Aircraft Corporation
Introduction & Moderator	<b>Prof. Dr.-Ing. Ulrich Desel</b> International University of Applied Sciences Bad Honnef						
The Future of Air Transport in a World of Limited Resource Supply	<b>Dr. rer. nat. Werner Zittel</b> CEO Ludwig-Bölkow-Stiftung						
Improving the Environmental Performance in Regional Air Transport – The Mitsubishi Regional Jet	<b>Hideyuki Kamiya</b> Director, Head of Marketing Mitsubishi Aircraft Corporation						

	Fuel and Operational Efficiency Management at Air Berlin	<b>Jannis Reinecke</b> Head of Performance Improvement Air Berlin
13:30 – 14:45	<b>Networking Break</b> Coffee & Refreshments	
14:45 – 16:15	<b>Conference Session III</b> <b>Focus on R &amp; D</b>	
	Introduction & Moderator	<b>Prof. Hansjochen Ehmer</b> International University of Applied Sciences Bad Honnef
	Eco-Design and Molecular Sorting – a Chance for Greener Aviation	<b>Rainer Schweppe</b> JTI Clean Sky Steering Committee, Head of Department Environmental Engineering Fraunhofer Institute for Chemical Technology
	Realizing the Potential for Sustainability -- Developing the Infrastructure of Airports In Developing Countries	<b>Richard Chapman</b> Director ADC Airport Design Consult Ltd, London  <b>Dr. Axel Laistner</b> President LaistnerConsult
	Electric Flight as an Option for a Sustainable Aviation	<b>Hans Niedzballa</b> Dipl. Phys. / Graduated Physicist Senior Consultant
16:15 – 16:30	<b>Networking Break</b> Coffee & Refreshments	
16:30 – 17:45	<b>Conference Session IV</b> <b>Future Aviation Fuels / General Aviation</b>	
	General Aviation and the Challenge of Sustainable Aviation	<b>Christian Sturm</b> AeroCompany Aerospace Engineering & Consulting
	Direct Liquefaction of Biocoals as a Sustainable Route to Fuels (Second Generation Biofuels)	<b>PD Dr. Yvonne Traa</b> Universität Stuttgart Institut für Technische Chemie
	Power to Liquid Integrated Solution – New Perspectives for the Production of Sustainable Aviation Fuels	<b>Dipl.-Ing. Ruediger Hinze</b> Senior Adviser / CIT GmbH / RHP-Consult
	Closing Remarks	<b>Rudolf (Rolf) Doerpinghaus</b> Conference Editor
18:00	<b>Individual Networking / End of Conference</b>	

### GSA 2014 Conference Office

#### GREENER SKIES AHEAD Europe 2014

IASA e. V. International Association for Sustainable Aviation  
c/o RD AeroSpace Consult  
Godesberger Allee 70  
53175 Bonn

Phone: (+49) 228 308 9720  
e-mail: kls@rd-aerospace.de  
www.iasaev.org