



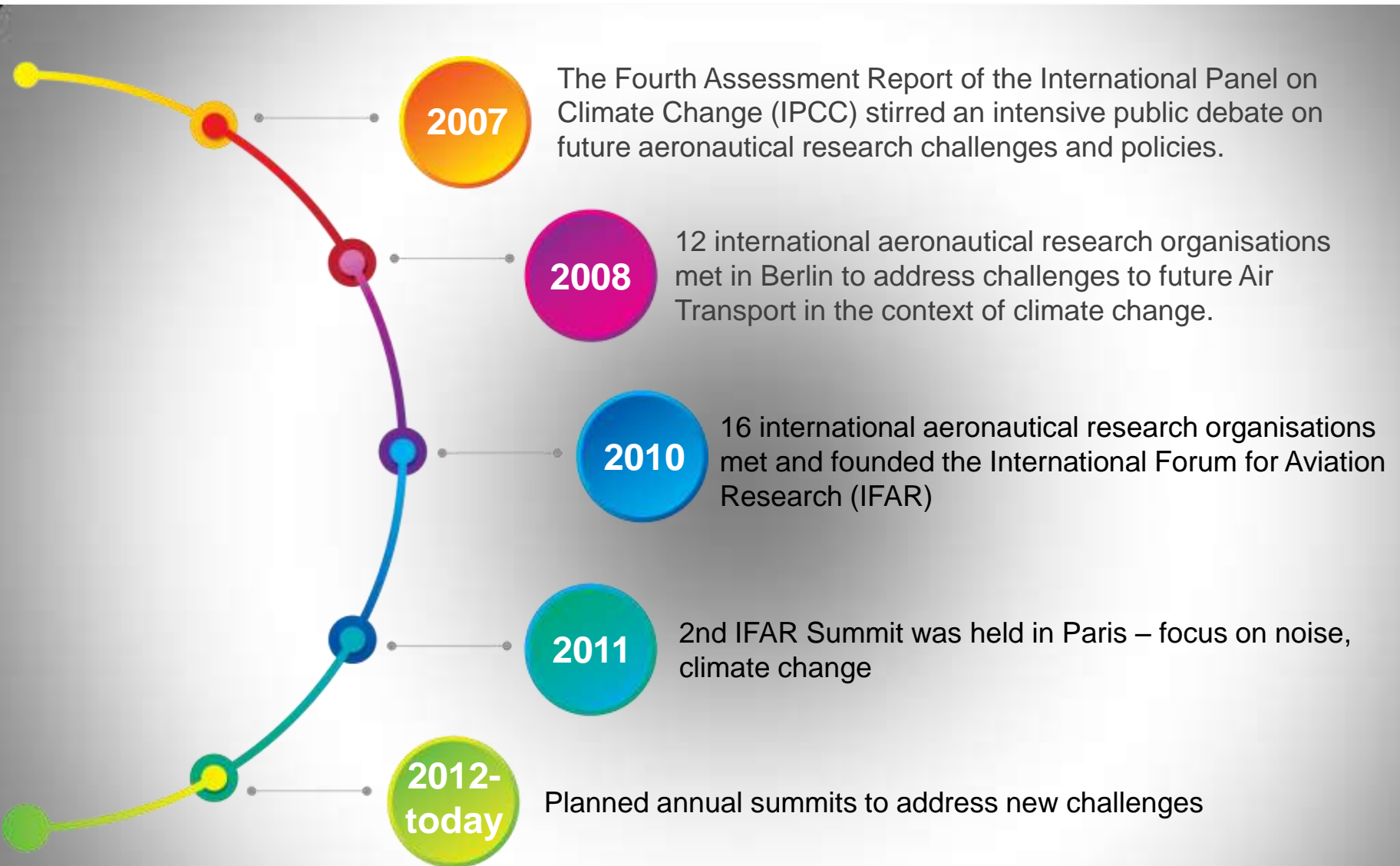
International Forum for Aviation Research Overview

Unique and Exciting International Collaboration Forum for Aeronautics Research

Michel Peters
Netherlands Aerospace Centre
October 2015



Evolution of IFAR



Statistics of IFAR

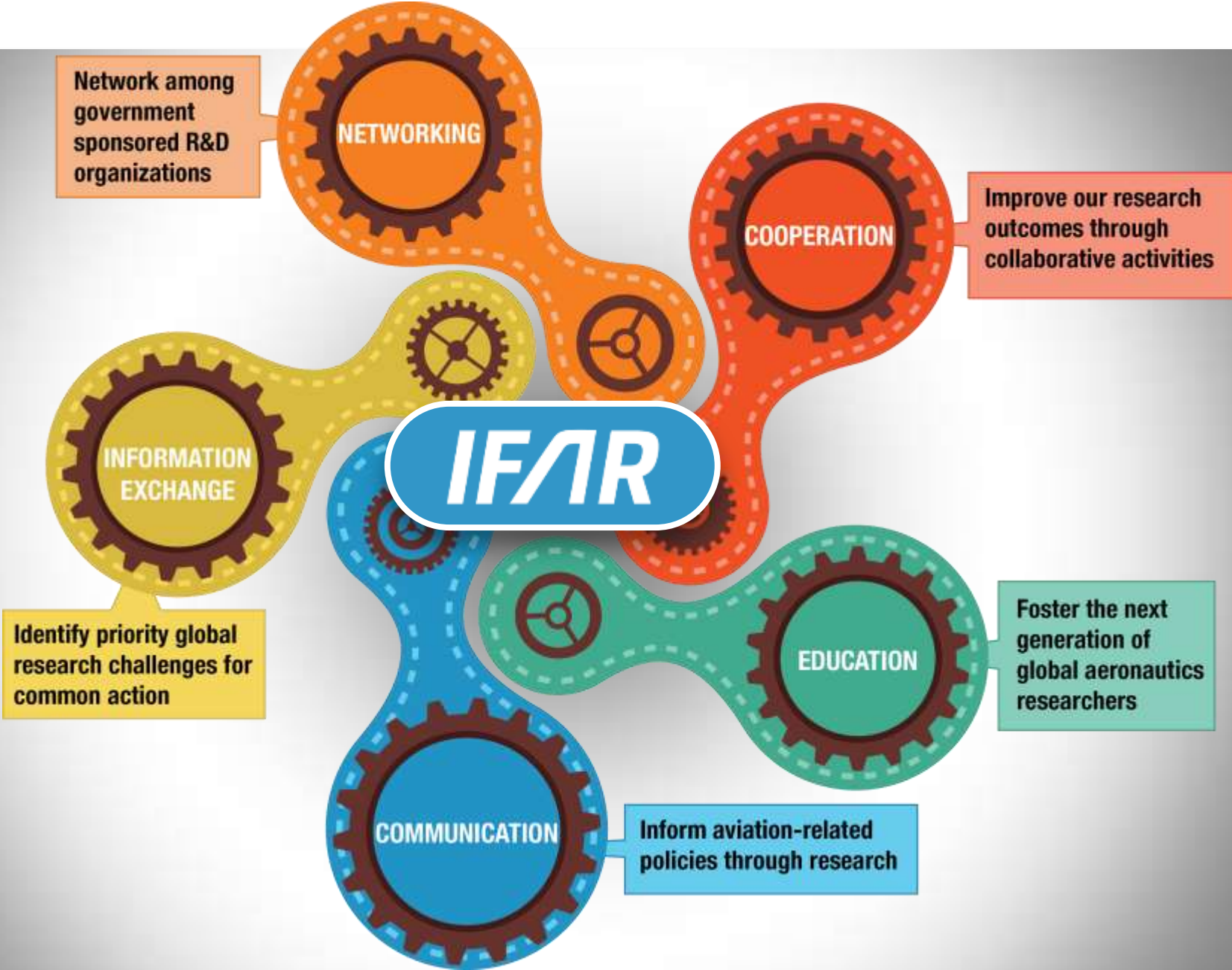
Currently **26** aviation research organizations from all over the world are members of IFAR

The current members represent **34,000** researchers working in aviation

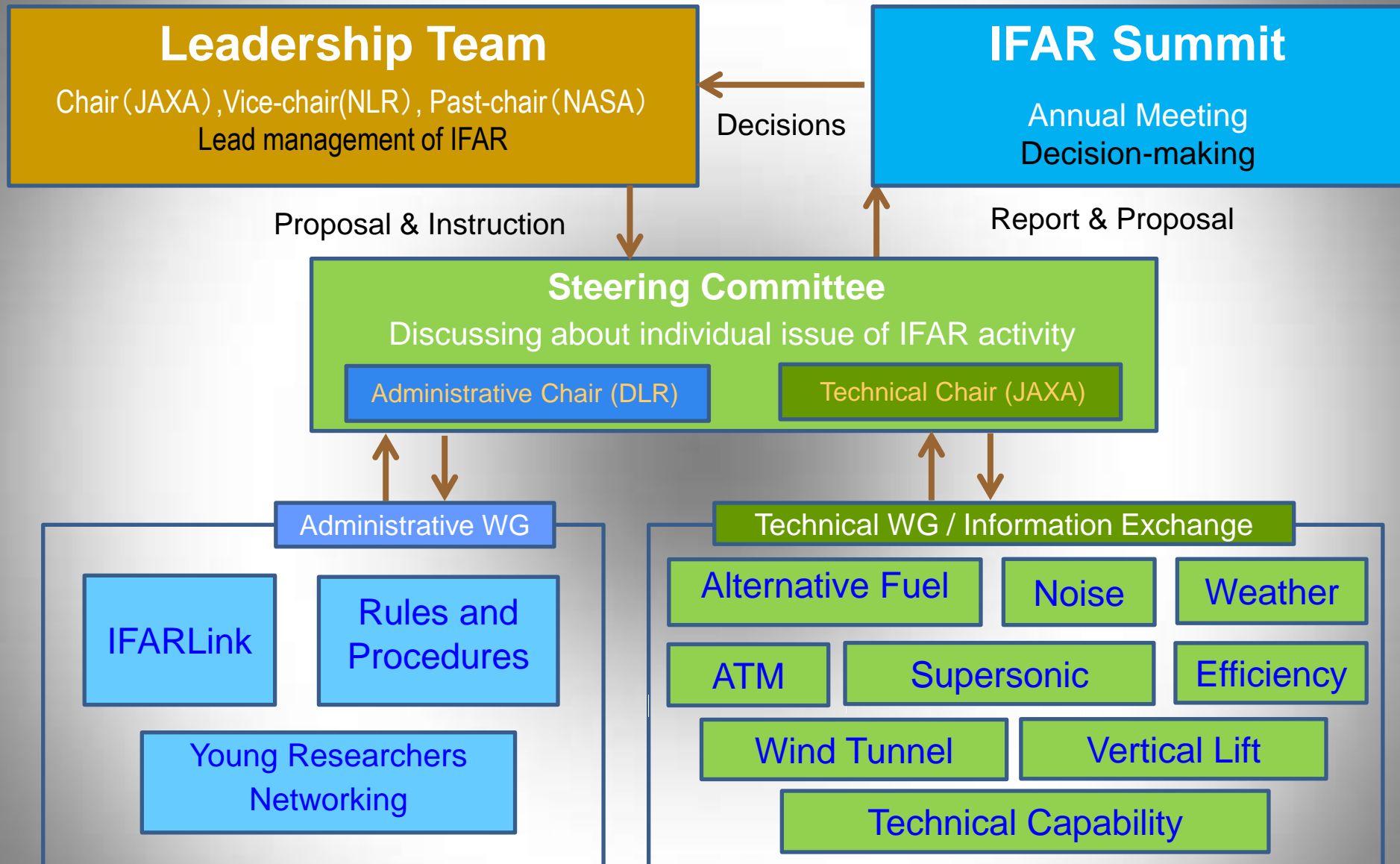


Membership in IFAR is open to national aviation research organizations, including universities active in aviation research, that are (1) non-profit, (2) owned or mainly funded by public governments, and (3) charged by the country or countries in which they are located to conduct such research activities on their behalf. One organization per country is accepted for membership.

Objectives of IFAR

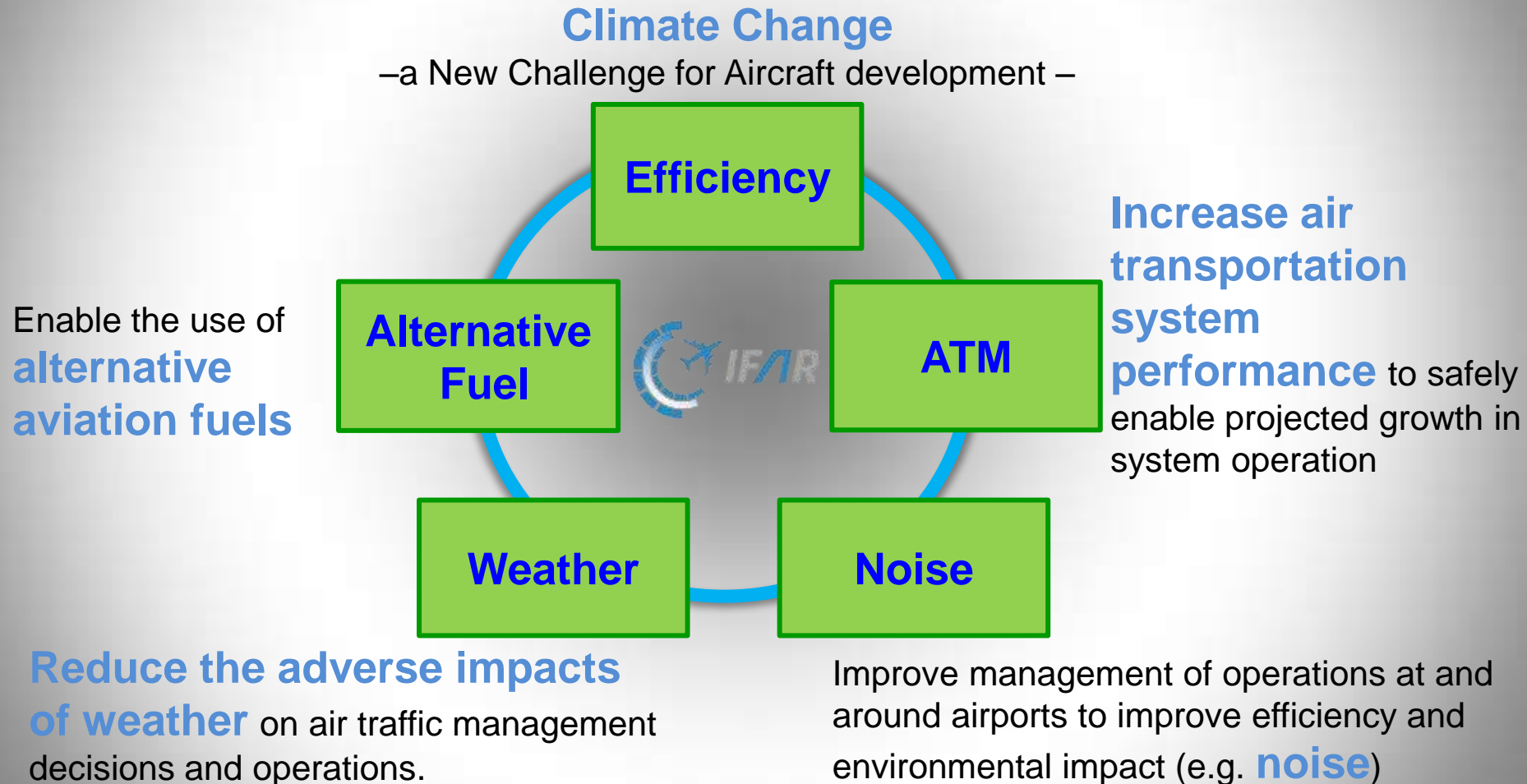


IFAR Organization



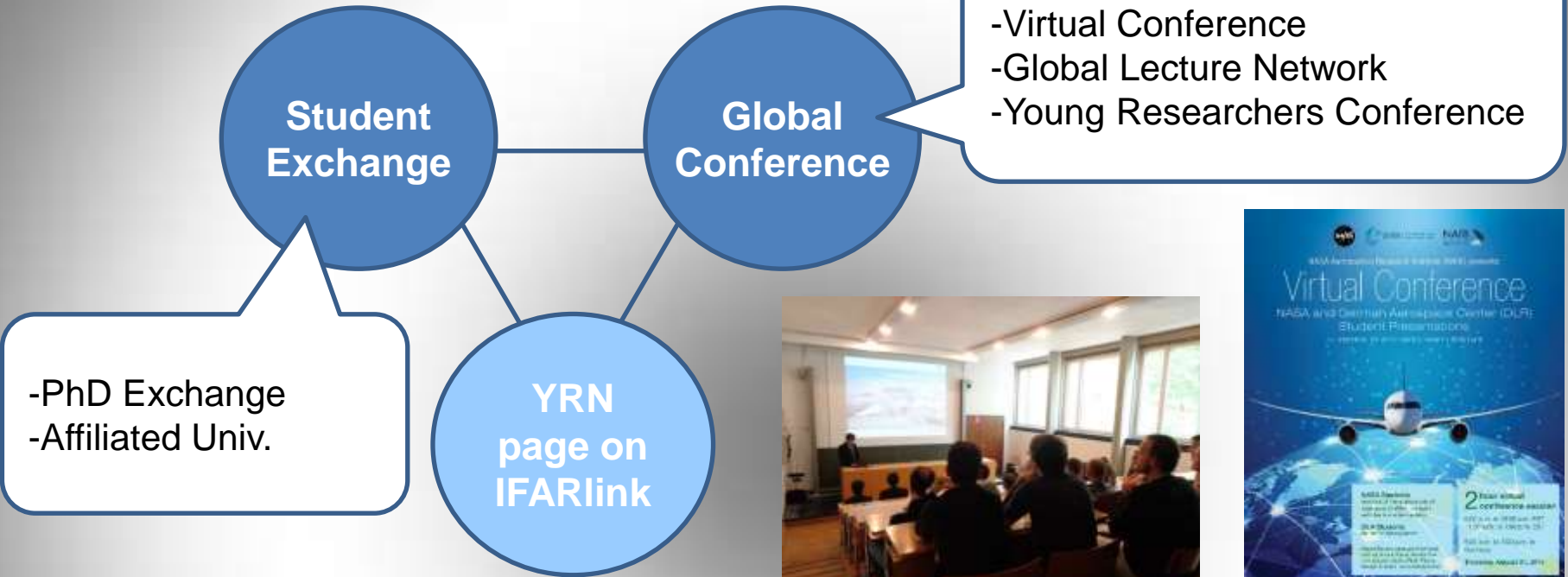
IFAR Technical Activity – 5 Focus Areas

→ Non-competitive aviation research & development related to global technical challenges



IFAR Administrative Activity

→ Young Researchers Networking (YRN)



IFAR Global Lecture Network



IFAR Virtual Conference

→ IFARlink

Communication /database platform for the IFAR members

→ Rules and Procedures

IFAR Best Practice and Charter

Alternative Aviation Fuels

Alternative fuel effects on Contrails and Cruise Emissions Flight Test



NASA Falcon Aircraft in Flight Behind DC-8 Aircraft

Young researcher networking

- Young Researchers Conference
- ICAS-IFAR Award



IFAR Summit 2015

Activities

6th annual IFAR Summit hosted by the National Aeronautics and Space Administration (NASA) of the United States at Ames Research Center (ARC), including principals of 21 IFAR member organizations.

Young researchers from six IFAR member countries participated in the 3rd “Young Researchers Conference” to exchange views on aviation's game changing technologies of the future.

The poster for the 6th Annual IFAR Summit 2015 features a futuristic aircraft flying over a city and a suspension bridge. The background is a blue sky with a city skyline and a suspension bridge. The text on the poster includes the IFAR logo, the NASA logo, the event title, the dates, the location, and the website.

IFAR | INTERNATIONAL FORUM FOR AVIATION RESEARCH

National Aeronautics and Space Administration

NASA

6th Annual IFAR Summit 2015

October 6 -10, 2015
NASA Ames Research Center
Moffet Field, California, USA

www.nasa.gov

IFAR Summit 2015 (continued)

Outcomes

- Continue developing common views on the Future of Aviation
 - Undertake initiatives to ensure long term sustainability of IFAR
 - Concentrate on future cooperation within the five focus areas
 - Continue the Air Transportation Efficiency, Alternative Fuels working groups to inform global standards and recommended practices
 - Establish a new Supersonic Aircraft Working Group
 - Consider new working groups related to:
 - aircraft noise
 - climate change and associated challenges for aircraft development
 - reducing the adverse impact of weather
 - challenges associated with operation of Unmanned Aerial Systems
 - opportunities for vertical lift aircraft
 - Foster the exchange of information about technical research capabilities of IFAR members
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- Expand engagement with the broader global aviation community
 - Support the IFAR-International Council of the Aeronautical Sciences (ICAS) Award, and co-locate the next IFAR Summit and ICAS Congress in Daejeon, Korea, 27 to 29 September, 2016
 - Promote professional growth and networking among IFAR young researchers through global virtual conferences, annual IFAR Young Researchers Conference and further development of IFARLink professional social networking tool.
 - Transition leadership to the new Chair of IFAR, *Kazuhiro Nakahashi/JAXA*, Past Chair of *Jaiwon Shin/NASA*, and confirmed Vice Chair *Michel Peters/Netherlands Aerospace Center*
 - Professor Joachim Szodruch recognized with the honorary title “IFAR Founder”

Future for International Collaboration

