

**09:30 - 09:40**

**Opening and Introduction**

*Prof. Sp. Pantelakis*

**09:40 - 11:00**

**Upgrading the role of the EASN IGs**

*An overview of the currently existing Interest Groups will be given by the respective IG leaders. A short presentation of the topics tackled within the IG and their success stories will be given (IG leaders). This will be followed by a discussion on the role of the Interest Groups within the EASN and possible ways on how to fulfil it.*

**11:00 - 11:30**

**Coffee break**

**11:30 - 12:50**

**Increasing the EASN scientific activities**

*Prof. Jean-Michel Most will give an overview on the current EASN scientific activities and suggest possible ways on how this can be increased. This will be followed by an open discussion aiming at producing discrete suggestions which will form a roadmap for the EASN Association BoD.*

**12:50 - 14:00**

**Lunch**

**14:00 - 14:30**

**Rendering the EASN Association self sustainable**

*Suggestions from EASN members on how to cover the running expenses of the EASN Association will be discussed. Plausible measures will be exploited by the current Board of Directors.*

**14:30 - 15:00**

**"European Research in Aeronautics - Preparing the Future"**

*Dietrich Knoerzer, responsible EC Scientific Officer*

**15:00**

**End of Workshop**

# EASN TECHNICAL WORKSHOP

The aims of the workshop are:

- i) To upgrade EASN's thematic structure by upgrading the performance of EASN Interest Groups, which are the cells for incubating new breakthrough research ideas
- ii) To increase EASN's scientific activities and
- iii) To manage making the EASN Association self-sustainable

# Workshop Agenda

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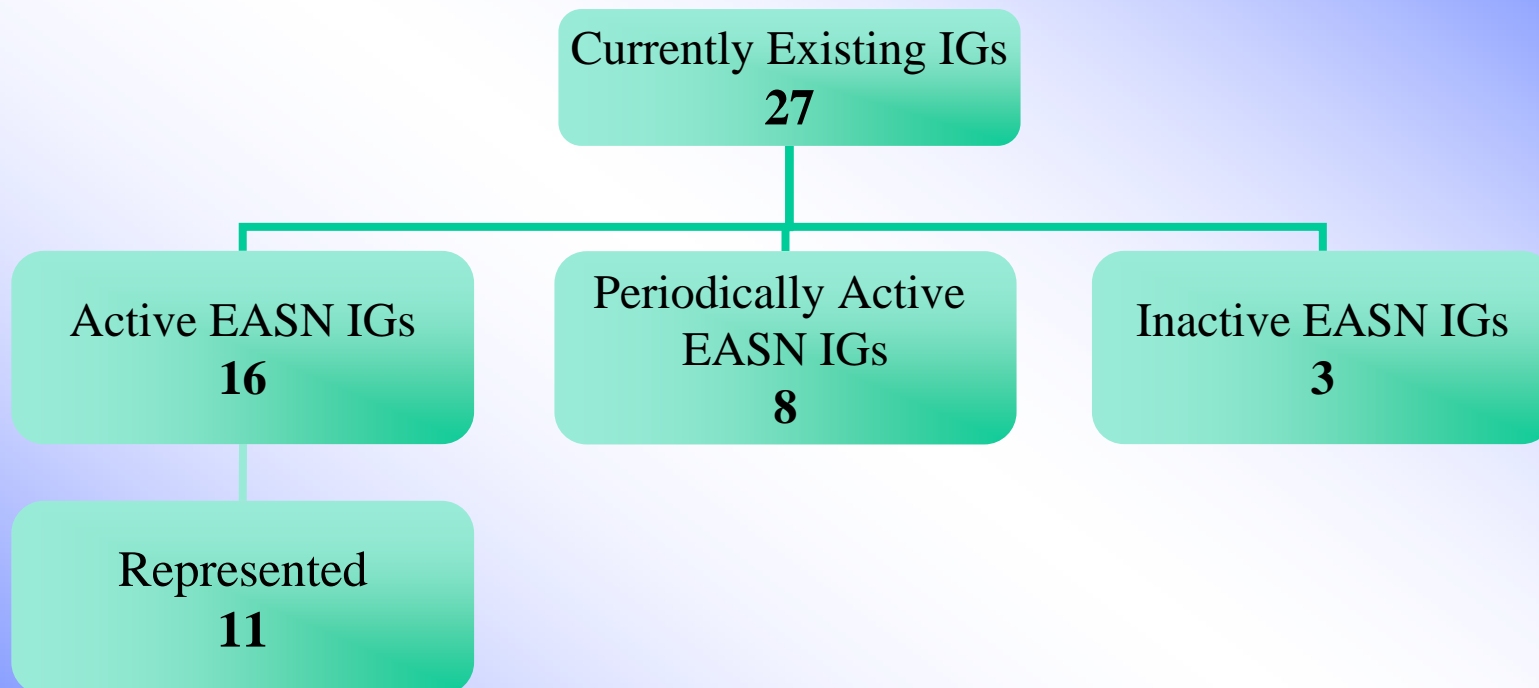
## Rendering the EASN Association self sustainable

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*Dietrich Knoerzer, responsible EC Scientific Officer*

# Participants: EASN Interest Groups



## Participants: EASN National Contact Points

Currently Existing EASN National Contact Points

**16**

Present EASN National Contact Points

**7**

## Active Interest Groups

1	Vortical Structures in Aeronautics	Thrassos Panidis
2	Ageing Aircraft	Peter Horst
3	Crashworthiness & Structural Impact for commercial aircraft	Robert Mines
4	Increased Exploitation of composites	George Labeas
5	Surface Engineering Treatments	Chris Rodopoulos
6	Increased Exploitation of Magnesium	Elke Hombersgmeier
7	Damage tolerance of welded components	Alexis Kermanidis
8	Advanced Combustion Chambers	Jean-Michel Most
9	GNC (Guidance, Navigation and control)	Jozsef Rohacs
10	Life Cycle Management in Aeronautics	Dimitrios Mourtzis
11	Light Aircraft and Optimisation	Zdobyslaw Goraj
12	Future Airport concept	Antonin Kazda
13	Pioneer Nanomaterials for Aerospace Applications	Franco Rustichelli
14	Intake aerodynamics and integration ( <b>new</b> )	David Macmanus
15	Fire safety of Aircrafts ( <b>new</b> )	Alexis Coppalle
16	New concepts of Aeronautical engines ( <b>new</b> )	Iskender Gokalp

### Periodically active Interest Groups

17	Unsteady Flows	Ulf Hall
18	Ice Accretion	Marcello Amato
19	Simulation of Engine monitoring & testing	Kyriakos Papailiou
20	Computational Aero acoustics	Ulf Hall
21	Fault tolerant control systems	Lena Valavani
22	On board aircraft systems	Peter Hecker
23	Air Traffic Management	Peter Hecker
24	Human factors Integration	Volker Mellert

### Inactive Interest Groups

25	Rotor Aerodynamics	Vaclav Broz
26	Manufacturing technologies & processes of Aero- Engines	Nabil Gindy
27	Innovative Concepts & Scenarios	Holger Friehmelt

Although not registered as EASN IGs, consortia which have been formed in the frame of the FP7 calls through the EASN initiatives can be considered as a sort of “defacto” IGs.

These groups have been working on specific topics with a common aim to prepare joint proposals for the FP calls. Several of these groups continue working together and have already confirmed their intention to resubmit.



**The aim of the EASN Association is to exploit the Interest Groups tool as a mechanism for incubating innovation and new knowledge by:**

- facilitating research cooperation with research establishments and industry by focusing on innovative ideas and upstream research,
- facilitating the exploitation of innovation and breakthrough concepts developed at the Universities by the European aeronautics industry
- stimulating the transfer of know-how through the intensification of cooperation on a thematic basis.

**How do we achieve this?** Some suggestions could be the following:

- 1. Electronic Communication**
- 2. Common research activities** (which often solves also the funding problems)
- 3. Human Mobility**



# UNIVERSITIES: CAPACITY OR SPECIALITY RTD PERFORMERS?

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