Task n° 2.1.1 – AirTN/ACARE Questionnaire on national programs, calls and strategies

task leader: FFG
contributing partners: all AirTN NextGen Partners
subcontractor: Brimatech Service GmbH

Status quo 06.10.2016

Background of the survey

- build up a picture of the relevant aspects of aviation funding programs (PGM) and/or program-like activities (PLA), calls and strategies

- support the objectives of ACARE Member States Groups (MSG) and AirTN: increased collaboration between the main actors and programs

- the Survey goes along with the update of the Strategic Research & Innovation Agenda of ACARE (SRIA), the common strategic technology basis of Europe's aviation stakeholders

Overview

- Updating the questionnaires on calls, programs and strategies in coordination with the ACARE Member States Group and the European Commission

- Updating the distribution list with responsible contact persons for programs/calls and strategies relevant to aeronautics, in cooperation with the ACARE Member States Group

- survey started in July, with several reminders in August and September (via E-mail and telephone)

- the results will be published in a pdf brochure "Aviation Research Funding in European Countries/Regions" on the AirTN website

Draft structure of the brochure:

- some statistics/graphs

- detailed information on national/regional programmes

- Calls calender

- National/regional contacts

- detailed statistics/graphs on competencies and programme priorities

Content

1.1 Programme types

The countries can be divided into the following three categories:

Aviation-specific programme	General programme	No programme
Austria	Greece	Estonia
Belgium	Malta	Finland
France	Spain	Hungary
Poland	United Kingdom	Luxembourg
Romania		
Sweden		
Switzerland		

Example for statistics/graphs in chapter 1

Information on the strategy level

(In this and the following chapters, more text will be added to the figures).

Only the United Kingdom, France, Austria, Sweden and Romania have a national aviation strategy board, the majority of the countries do not. In all countries, this strategy is a published document and can be reached online.
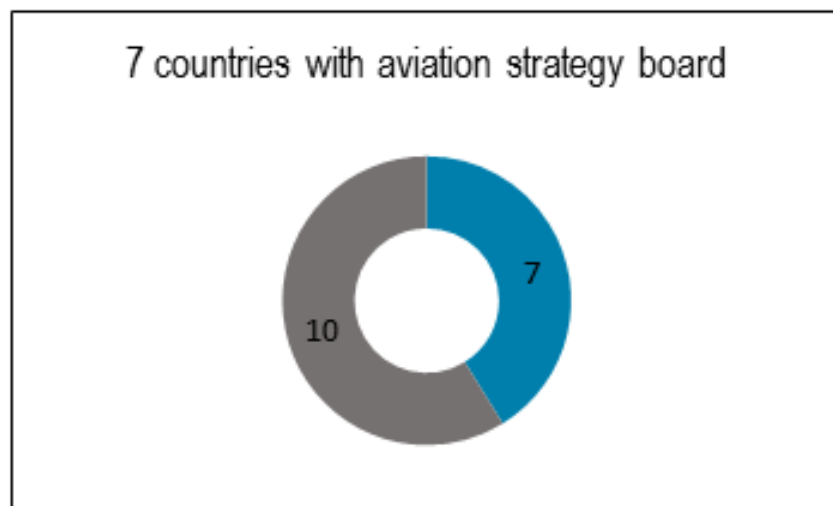
7 countries with aviation strategy board

7

10

Figure 1: Number of countries with national aviation strategy board (17 answers)

Example for statistics/graphs in chapter 1

National funding programmes and programme-like activities in the countries

About 70% of the countries have a national funding programme or a programme-like activity. These countries are Poland, Malta, the United Kingdom, Switzerland, Austria, Sweden and Romania. It is obvious that not only the bigger countries have national funding programmes.
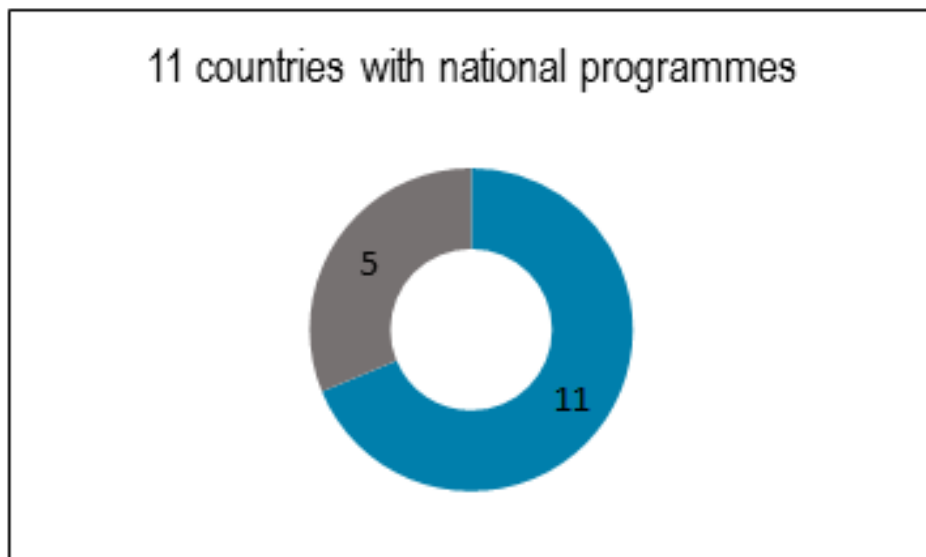

11 countries with national programmes

5

11

Figure 2: Number of countries with national funding programmes or programme-like activities (17 answers)

Example for statistics/graphs in chapter 1

Partner participation and foreign funding

In most programmes or programme-like activities, partners from other countries can participate. Only in Poland, Switzerland and Romania partners from other countries cannot participate in programmes or programme-like activities.
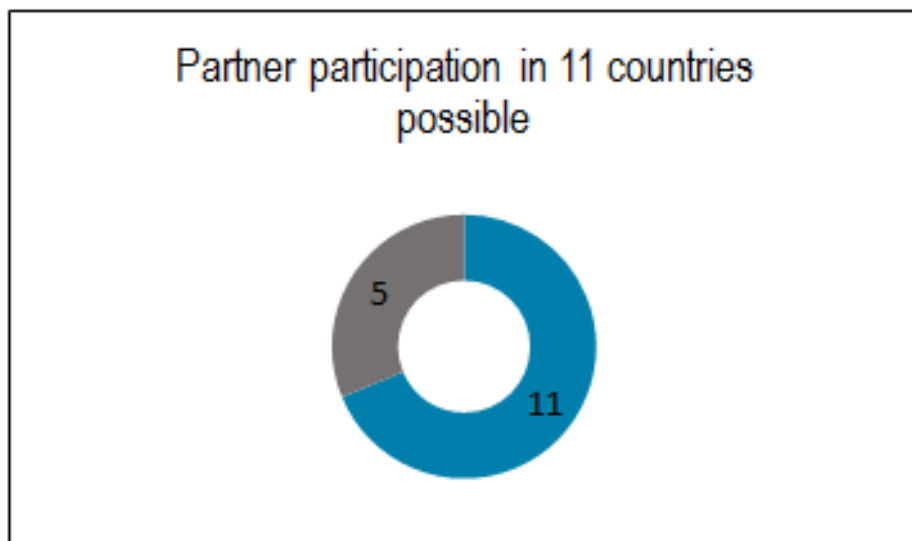
Figure 3: Number of countries where partners from other countries can apply (17 answers)

All countries stated that partners from other countries are not entitled to receive funding.

Example for statistics/graphs in chapter 1

Types of supporting measures

Most frequent supporting measures are R&D activities, studies, transfer and dissemination activities and networking activities.
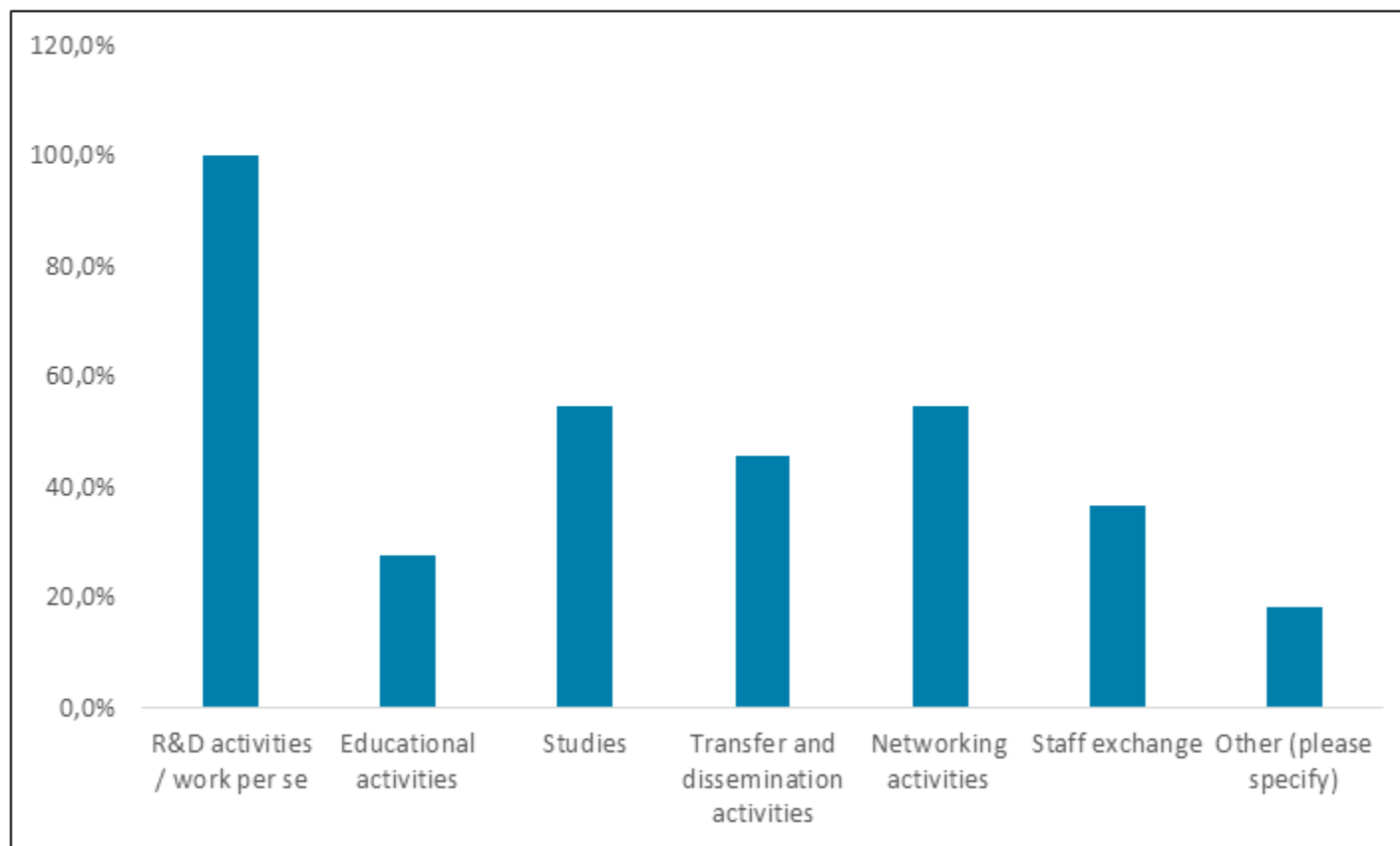

Figure 4: Most frequent types of supporting measures (11 answers)

Example for statistics/graphs in chapter 1

Call scheme

The great majority of the calls are public with fixed deadlines and subsequent evaluation.

- Public call with fixed deadline and subsequent evaluation
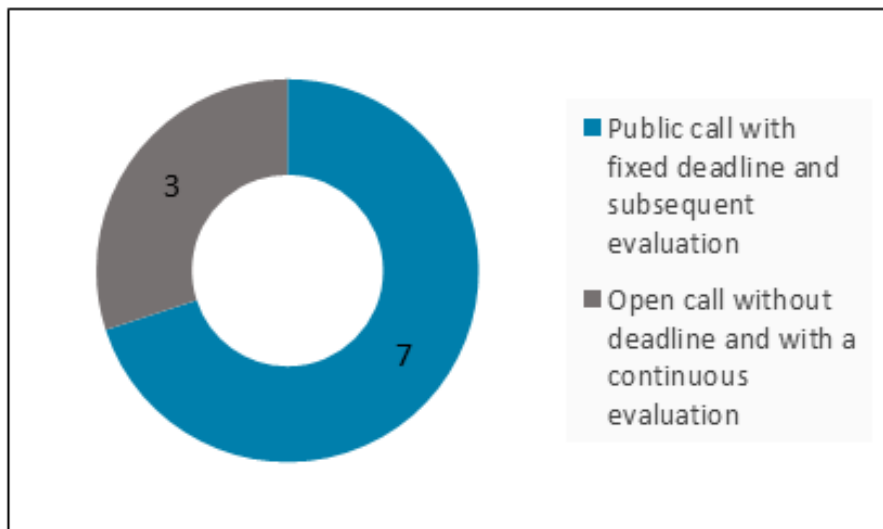- Open call without deadline and with a continuous evaluation

Figure 6: Call scheme of the programme (10 answers)

National Competencies & Programme Priorities

To get an overview over your national competencies, respondents were asked to mark the research and technology areas for both the national competencies and programme priorities. The areas were

	Flight physics		Aerostructures		Propulsion		Aircraft Avionics, Systems & Equipment		Flight Mechanics		Integrated Design & Validation (methods & tools)		Air Traffic Management (Source ARDEP)		Airports		Human Factors		Innovative Concepts & Scenarios	
	NC	PP	NC	PP	NC	PP	NC	PP	NC	PP	NC	PP	NC	PP	NC	PP	NC	PP	NC	PP
Austria																				
Belgium																				
Estonia																				
Finland																				
France																				
Greece																				
Hungary																				
Latvia																				
Luxembourg																				
Malta																				
Poland																				
Romania																				
Spain																				
Sweden																				
Switzerland																				
United Kingdom																				

divided into the following groups:

Example for layout of „detailed information on national/regional" programmes

3.1.1 Austria

Policy

Responsible organisation	Federal Ministry for Transport, Innovation and Technology
Contact	ingrid.kernstock@bmvit.gv.at

Strategy

Aviation strategy board

Name: Strategic advisory board (RTI-aviation)

Description: Dialogues for the future held at regular interval between manufactures, researchers, developers and univer. as support in formulating the strategic information base.

Contact: Ingrid Kernstock, ingrid.kernstock@bmvit.gv.at

Aviation research strategy

Name: Research and Innovation in the aviation sector: leverag international markets

Date of publishing: 11.01.2015
Date of update: Dec 2020
Issuing organization: Bmvit

Availability: http://www.bmvit.gv.at/innovation/luftfahrt/strategie

Main areas covered: Research, Technology and Innovation in of air transportation and aeronautics

Programme/programme-like activit

Name	Take Off – Research & Innovation Program for Aviation
Funding by	Austrian Federal Ministry for Transport, Innovation and Technology (BMVIT)
Managed by	FFG
Contact	Ingrid Kernstock
Duration	Jan 2015 – Jan 2020
Extension likely	Yes
Programme priorities	

Programme objectives

In line with ACARE Flightpath 2050 goals, the new strategy promotes four measures to be deployed within the framework of a five-year action plan. These are:
1. Build strategic partnerships;
2. Strengthen Austria's competencies and skills in R&I;
3. Foster visibility and market uptake;
4. Facilitate excellent qualification.

Each of these four measures contains a bundle of subordinated tasks to be carried out via public funding programmes and accompanying activities. In 2020, a comprehensive strategy evaluation will be conducted.
Take Off 2015 – 2020, with focus on:
- System Integration (Humans. Organisations. Technologies);
- Strategic Partnerships (National. Transnational. International);
- Capacity and Resource Creation (Traffic. Production. Staff);
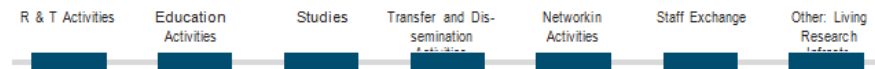- Knowledge Development & Sharing (Topic. Process. Application).

Target groups

The economic significance of Austria's aviation sector is a given. Considering both the air transportation sector (Airlines, ANSP's and Airports) and the aeronautics industry, Austria has 225 R&I intensive companies. In addition, there are about 40 academic and non-academic research institutes. All these stakeholders constitute the R&I intensive aviation sector in Austria.

Eligible Applicants

Allowed to apply	Partners from other countries
- SME - Large enterprises - Universities - Universities of applied sciences - Competence centres - Research facilities - Start-ups - NPOs	- Can apply - No funding

Types of supporting measures

R & T Activities | Education Activities | Studies | Transfer and Dissemination Activities | Networkin Activities | Staff Exchange | Other: Living Research Infrast.

Technology readiness level covered within the programme

1 2 3 4 5 6 7 8 9

National calls for funding

	Take Off call 2016	Take Off Call 2017
Start date	17/10/2016	10/2017
End date	20/02/2017	02/2018
Typical period	4	4
Topics to be announced in the call	Not yet available	not yet available
Overall call budget	7 MEUR	6 - 8 MEUR
Typical project funding	600 KEUR	600 KEUR
Restrictions from programme information	at least two cooperating entities	at least two cooperating entities
Web link / contact	vera.eichberger@ffg.at	vera.eichberger@ffg.at

Example for detailed information in annex

5.1 Detailed information on national competencies and programme priorities
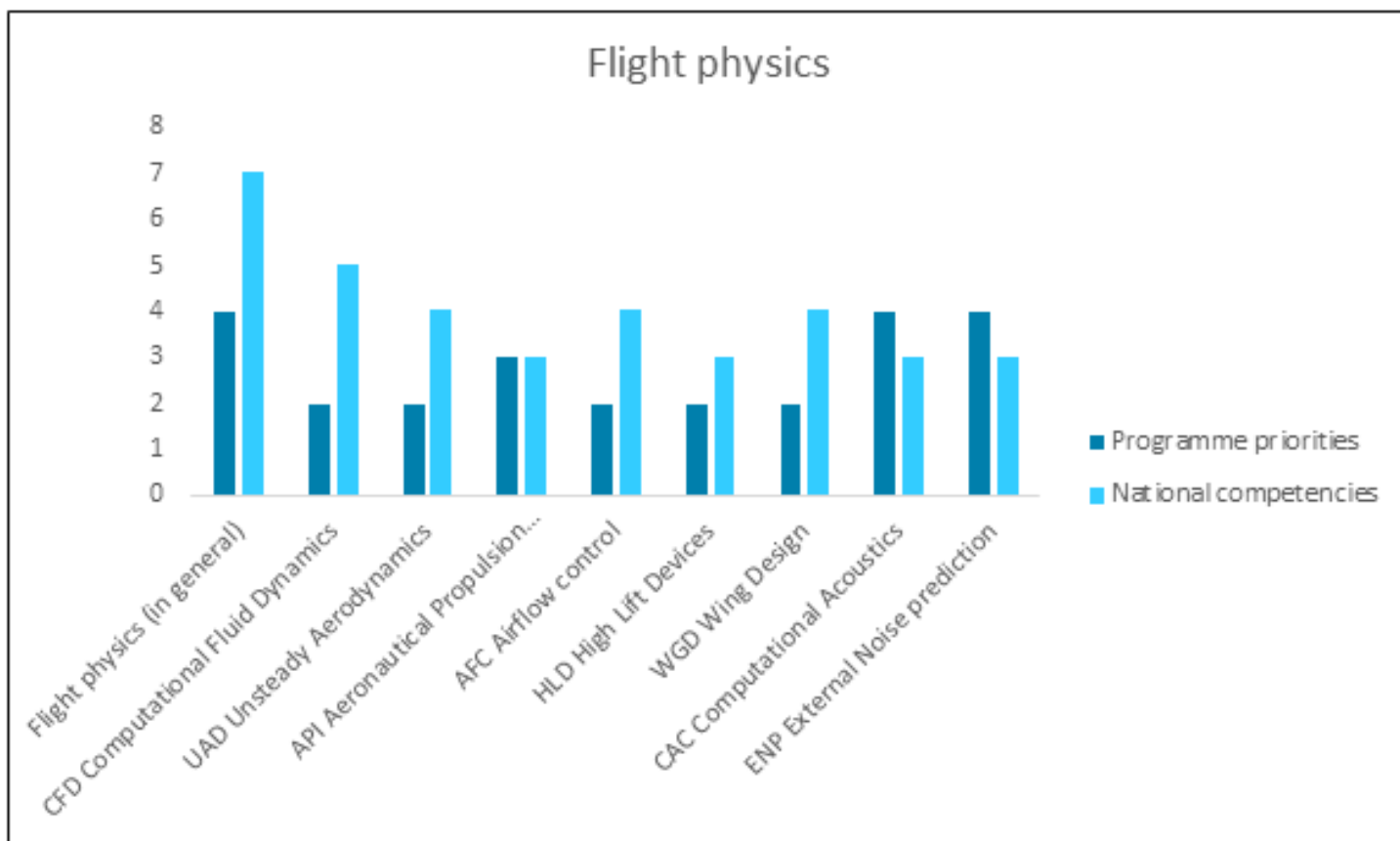
Next Steps/Open points

- missing countries/regions to fill out the questionnaire
  all information is needed till mid of October at the latest to finalize the survey and brochure in time

- all information will be gathered and prepared in the pdf brochure "Aviation Research Funding in European Countries/Regions"

- the national/regional information pages in the brochure will be sent out to the respective contacts persons for final approval (according to deadline, otherwise silent acceptance)

- final approval by AirTN NextGen, ACARE MSG and the EC of the final report/brochure

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