



*Fédération
Aéronautique
Internationale*

Minutes

of the Annual Meeting
FAI Environmental Commission

held in Istanbul, Turkey
on 10 March 2019

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Record of discussion prepared by FAI Sports and Events Director

1 Attendees

Commission President: Pierre Duval

RUS Sergey Ananov

SWE Hans Folkesson

ITA Andrea TOMASI

FAI President: Bob Henderson

FAI Secretary General: Susanne Schödel

FAI Executive Directors: Marina Vigorito, Jean Claude Weber

FAI staff: Markus Haggeneay, Annick Hauser, Greg Pyzalka

No proxies.

Apologies: Bernald Smith, USA

2 Welcome

Welcome/opening remarks: Bob Henderson

Pointing at the importance of being recognized as responsible citizens who do care about the environment. For the younger generations, the Milleniums, it is vital they see that air sports does care about their environmental concerns.

The opportunity to run the EnvC during the GC-week will increase the reach-out of the EnvC as the attendance could be much bigger and involve NACs and ASCPs.

Brief discussion on the imprint of the air sport vs the imprint of an event. PDU exemplified that 6 tow-planes in a full day operation equal the environmental impact of 600 people attending a football-game.

3 SWE report

Hans Folkesson reported.

Power-flying seen critical in the SWE population (noise, fuel consumption). Since pilots are voluntarily scouting for bush-fires and cooperating with the authorities, some positive momentum was established.

ecoFlight - sustainable general aviation - conference in Gothenburg

Pipistrel-presentation

3 airports will be electric ready soon.

4 ITA report

Andrea Tomasi reported about battery / hydrogen technology.

www.greenenergystorage.eu/en/battery

5 RUS report

Sergey Ananov reported about a recent conference in Russia on Aviation, New Technology etc

6 FRA report

Pierre Duval reported.

A new project of ex-Safran engineers, see www.turbotech-aero.com

7 Around the table (extract, bullet-pointed)

- Reaching out to NACs is important.
- EnvC still not introduced/adopted in many NACs or ASCs
- PDU pointing at a long-planned newsletter (every two months), though this never worked out so far.
- Intention is to ask for environmental activities/programs in NAC.
- Ask NACs to appoint EnvC-delegates or Point of Contacts.
- Establish an inventory of electric-ready airports.
- Aim to run FAI WAG as "green certified event".
- ITA pointed at incentives to attract young people (e.g. aeromodelling) through contests on "energy efficiency" in gasoline/battery performance. The link between efficiency challenges and air sport needs is vital and appealing.
- International Symposium (could be co-funded by public/European funds).
- Suggested to run a symposium along the FAI GC and grow it from there
- "Electric Flying Symposium" @ FAI WAG with THK university.
- Work on "e-challenge" is still ongoing (planes, cars, motorcycles, cars). Recent political changes in FIA. Talks started in May 2018 along SportAccord 2018, FIM, UIM, FIA, FAI.

8 Communication

Website-presence for EnvC to be improved.

Suggested to reach out to FAI (communications@fai.org) first to outline ideas and the longer term plans. Then consider a sub-section on www.fai.org. But resource restrictions to be observed in the FAI HO - a volunteer from EnvC would be most useful to drive this initiative.

SSC offered to include information in the next FAI NAC newsletter to ask NACs for feedback on their environmental activities.

9 Other IFs

FIA (Federation Internationale de l'Automobile) (150 staff!!!): Initiative launched "FIA Action for environment".

This is a well-presented activity that outlines elements which - to a quite significant extent - are also available in FAI.

3-tier auditing concept ("Environmental Accreditation") offered under FIA-auspices:

- 1* = self-audited (free of charge)
- 2* = increased level of compliance (500-1000 EUR)
- 3* = audited by external resources (2500-5000 EUR)

More on

- <https://www.fia.com/fia-action-environment>
- <https://www.fia.com/environmental-accreditation>
- <https://www.fia.com/sustainability-programme-accredited-stakeholders>

10 FAI World Air Games 2022

Following the recent decision to run the disciplines of aero modelling, drones, rotorcraft and general aviation plus the opening/closing ceremony in the City of Ankara, this would provide an ideal set-up to run:

- symposium "electric flying"
- flight displays

Further, the FAI World Air Games should

- receive a green-audit and
- run environment awareness activities reaching out to the public, media, spectators and participants.

11 Action Points

- Inform about EnvC and asking on NAC initiatives through FAI-NAC-newsletter.
- Promote the EnvC award "Angelo d'Arrigo Diploma" (by-laws 7.13).
- Present FAI Environmental Code in next EnvC-plenary (GC 2020, possibly workshop at GC 2019?).
- Develop rules for event formats where the technical solution is not even yet existing.

12 Angelo d'Arrigo Diploma

Commission will proceed to award the "Pipistrel company" and obtain support from NOR NAC and/or SWE NAC.

See <https://www.pipistrel-aircraft.com/>

13 Elections

13.1 President

Pierre DUVAL - unanimously re-elected

Pierre Duval will also take on the duties of the EnvC Secretary.

13.2 Vice President

Sergey ANANOV, RUS

14 Next Meetings

- EnvC-presentation @ GC 2019 (workshop), Marrakesh MOR
- EnvC-plenary @ GC 2020, Wuhan CHN