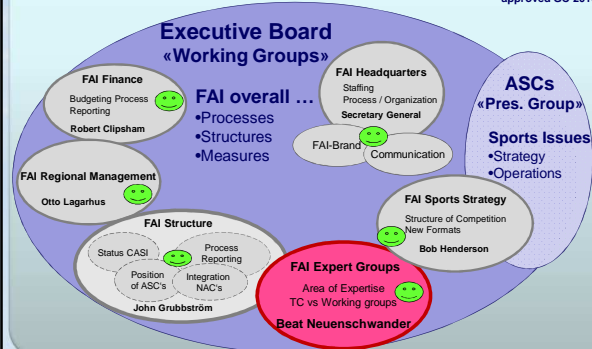


Agenda Item # 8.3 : FAI Expert Groups

FAI Strategic Framework

As per Strategic Plan approved GC 2010



Analysing the following 3 main aspects:

A) The new FAI Strategy (approved at General Conference 2010)

The Strategy has identified new challenges with high priority in the work of the FAI:

- ... Airspace restrictions ..., need to improve safety...
- ... Availability of airports and air sport facilities ...
- ... How to better promote air sports ...
- ...

B) The FAI's present day Technical Commissions (TC's)

Topics - working organisation - reportings - administration and outputs

C) The overall FAI Organisation and effectiveness in these topics

Governance - structures - processes - effectiveness

1. Analysis of the Commissions Today:

1.1. Air Sport Commissions

1 Air Sport General Commission «CASI»

10 Air Sport Commissions:

- | | |
|------------------------|------------------------------------|
| - CIA Ballooning | - CIAM Aeromodelling |
| - GAC General Aviation | - CIVA Aerobatics |
| - IGC Gliding | - CIVL Hang Gliding & Paragliding |
| - CIG Rotorcraft | - CIMA Microlight |
| - IPC Parachuting | - ICARE Astronautic <u>Records</u> |

1. Analysis of the Commissions Today:

1.2. Technical Commissions

5 Technical Commissions :

- CIACA Amateur-Built & Experimental Commission
- CIEA Aviation and Space Education Commission
- CIMP Medico-Physiological Commission
- EnvC Environmental Commission
- CANS Commission on Airspace and Navigation systems

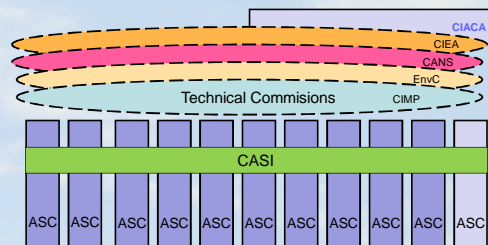
1. Analysis of the Commissions Today:

1.3. The actual situation

- 1 Commission CASI as "overall" Airsport Commission
- 10 Air Sport Commissions as representatives of a **clearly defined Airsport and permanent active bodies.**
- 5 Technical Commissions as special bodies, **providing informations for FAI in general, for NAC's and ASC's**
 ➡ with one Exception:
 CIACA which represents "Experimental Aviation like an Airsport"

1. Analysis of the Commissions Today:

1.3. The actual situation



1. Analysis of the Commissions Today:

1.4. Experiences with Technical Commissions FAI

Weak-points:

- Mission / action-plan / reportings
- Reaction time, when asked for results
- Most of administrative workload done by FAI-HQ
- Reports from delegates to NAC's
- Cost for FAI members (NAC's)

1. Analysis of the Commissions Today:

1.5. Quantity vs Output in Technical Commissions = *let talk the figures*

Comm	President	Hon. Positions	VPs	Sec	NAC Delegates	ASC Observers	Alternate Delegates	TOTAL	Normal Attendance
CIMP	1	3	3	1	36	4	19	67	13
EnvC	1	2	2	1	19	5	12	42	10
CANS	1	0	1	1	26	6	16	51	14
CIEA	1	7	2	1	26	4	17	58	9
Quantity:								218	46

Output :

Experiences / weakpoints:

- Slow reaction time when asked for results
- Most of administrative work done by FAI-HQ
- Cost for NAC's due to commission expenses

Figures/Experiences show: **high quantity : relative low output !**

1. Analysis of the Commissions Today:

1.6. Conclusion: «Commissions» with very different tasks

- CASI is an "overall" Airport Commission but with some overlapping duties with ASC-Presidents-Group or EB
- ASC's are permanently active bodies responsible for a defined Airport
- CIACA is a TC, but fits the definition of an Air Sport Commission (Remember: participated in the 2009 WAG in Turin)

1. Analysis of the Commissions Today:

1.6. Conclusion:

- TC's are bodies providing expertise in specific subjects to FAI, NAC's, ASC's.

but:

⇒ TC's organisation is not the ideal solution to expand the FAI's Expertise

⇒ To build a FAI System with 11 Expert Organisations we need:

- a new and more effective structure with smaller groups
- less administration work and quicker reaction time

1. Analysis of the Commissions Today:

1.7. Solution

Similar requirements and tasks need similar definitions and organisations!

1. Change CIACA the "Amateur-Built & Experimental Commission" from a Techn. Comm. to an Airport Commission
2. Expand the FAI-Expertise, organised in a new «FAI-Expert-System» with efficient «Expert Groups», covering 11 aspects:
...*Airspace, Navigation, Safety, Environment, Facilities, Promotion* ...
3. Integrate the existing TC's in the «FAI-Expert-System» and (if possible) reshaped into "Expert Groups" to better reflect their role in the new organisation

2. Comparison of Commissions and Expert Groups

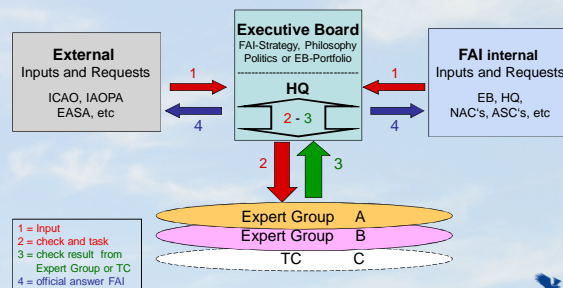
<u>Commission</u>	<u>Expert Group</u>
Philosophy: <ul style="list-style-type: none"> - A permanent Organisation - Working autonomously, continuously 	Philosophy: <ul style="list-style-type: none"> - A group of experts on standby - <i>Working on demand when required</i>
Organisation: <ul style="list-style-type: none"> - President - Secretary - Delegated Commission Members (50) - Regular meetings - Annual budget - Regular expenses - Annual reporting to GC 	Organisation: <ul style="list-style-type: none"> - Point of Contact or Coordinator/POC - No Secretary - Identified Experts (max 10) - Meetings only if required - No dedicated budget - Expenses only if meetings required - Reporting to Secretary General / EB
Tasking and Processes: <ul style="list-style-type: none"> - Working on standard annual topics - Creating new in-house issues - Working on issues tasked by the HQ 	Tasking and Processes: <ul style="list-style-type: none"> - Working "on demand" when tasked for a specific subject by the HQ/EB

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13

3. Processes and the task of "Expert Groups"



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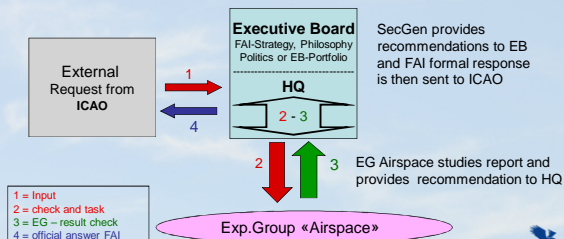


14

3. Processes and the task of "Expert Groups"

Example Nr 1:

FAI receives a report from ICAO about a new Airspace Standard. ICAO asks for a position from FAI about the impacts for Airport and for the VFR-Traffic, within 30 days



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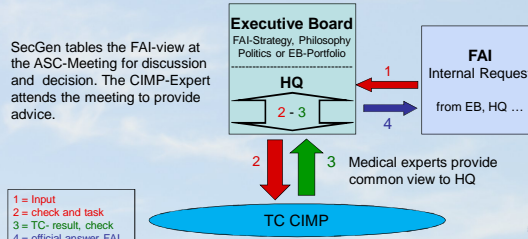


15

3. Processes and the task of "Expert Groups" and TC's

Example Nr 2:

FAI has a need to study a medico-physiological problem and looks forward to propose a solution to the next ASC Meeting in 4 months time.



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16

4. How to establish the Expert Groups

- The Expert-Groups should be comprised of people :
 - who have the necessary expertise in their field
 - engaged in activities in their special sphere of aviation
 - ready to respond to FAI requests to do special work
- Each Expert Group has between 5 and 10 members
- Names of Experts are proposed from NAC's /ASC's/TC's to the HQ
- Nomination and establishing the Expert Groups are duties of the EB
- At least one representative of each Expert Group is invited to attend the FAI GC and sometimes to special FAI meetings
- No status change needed - Concerning the FAI Status, the FAI EB is responsible to build, to task or to reduce Working Groups

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17

5. The new FAI «Expert System»

5.1. The «FAI-Expert System» with «Expert Groups» and «TC's» has to cover the following 11 aspects:

- Safety **new EG (Expert Group)**
- Regulation (international) **new EG**
- Facilities (Airport Infrastructure) **new EG**
- New Technology **new EG**
- Marketing & Communication **new EG**
- IT **new EG**
- Airspace **new as EG converting from TC CANS**
- Navigation **new as EG converting from TC CANS**
- Aero-Medical **maintaining as TC CIMP**
- Education **maintaining as TC CIEA**
- Environment **maintaining as TC EnvC**

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18


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graph TD
    A[FAI GENERAL CONFERENCE] <--> B[FAI President + EXECUTIVE BOARD]
    B <--> C[FAI Expert System]
    C --- D[FAI Expert-Groups and TC's]
    D --- E[Technical Commissions]
    E --- F[Education  
Environment  
Medical]
    E --- G[TC CIEA  
TC EnvC  
TC CIMP]
    A --- H[Legislative Power  
- Law Making  
- Policy Making]
    A --- I[Executive Power  
- Policies Implementation  
- Finance & Business operation  
- Corporate Guidelines  
- Compliance / Constitution  
- Strategicals Tasking of bodies]
    A --- J[Techn. Expertise and Support  
- for all Bodies in FAI  
- as FAI-Observers by ICAO, Eurocontrol, EASA etc etc]
  
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FAI GENERAL CONFERENCE

- Legislative Power**
 - Law Making
 - Policy Making
- Executive Power**
 - Policies Implementation
 - Finance & Business operation
 - Corporate Guidelines
 - Compliance / Constitution
 - Strategicals Tasking of bodies
- Techn. Expertise and Support**
 - for all Bodies in FAI
 - as FAI-Observers by ICAO, Eurocontrol, EASA etc etc

FAI President + EXECUTIVE BOARD

FAI Expert System

FAI Expert-Groups and TC's

Airport Safety	Expert Group	ASEG
Airport Regulation	Expert Group	AREG
Airspace	Expert Group	AAEG
Navigation	Expert Group	ANEG
Airport Facilities	Expert Group	AFEG
New Technology	Expert Group	NTeg
Marketing and Comm. IT	Expert Group	MCEG
	Expert Group	ITEG

Technical Commissions

Education	TC CIEA
Environment	TC EnvC
Medical	TC CIMP

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105th FAI General Conference FAI 21105th FAI General Conference 105th FAI General Conference 23105th FAI General Conference 24