

# **CIAM PLENARY MEETING WORKSHOP ABOUT**



**Lausanne, April 2017**



# Workshop Agenda

- Initial Considerations
- FAI as the Authority behind sanctioning drones competitions.
- How we can protect air sports in view of regulatory activities?
- Should we introduce an educational/informational platform?
- Should we establish a safety code and safety guidelines?
- Actions – Next Steps



# Initial considerations

- Proper name of the activity



# Initial considerations

- Proper name of the activity
  - Drone?



# Initial considerations

- Proper name of the activity
  - Drone?
    - What is the meaning of the word drone?



# Meaning of the word “drone”



# Initial considerations

- Proper name of the activity
  - Drone is used by the public or the media
  - Authorities are using the terms UAS or UAV
  - As CIAM we do have FPV Racing or Drones Racing



# Initial considerations

- Type of drones within FAI
  - Below 25 kgs
  - Over 25 Kgs
  - VLOS
  - BVLOS



# Initial considerations



# FAI as the Authority behind sanctioning drones competitions

- What FAI / CIAM has done so far?



# FAI as the Authority behind sanctioning drones competitions

- 2014
  - CIAM established a WG for UAVs
- 2015
  - WG presented a report to CIAM Plenary
  - FAI EB and CASI decisions
  - Decision to create FPV Racing Rules
  - Sporting Code for FPV Racing was announced

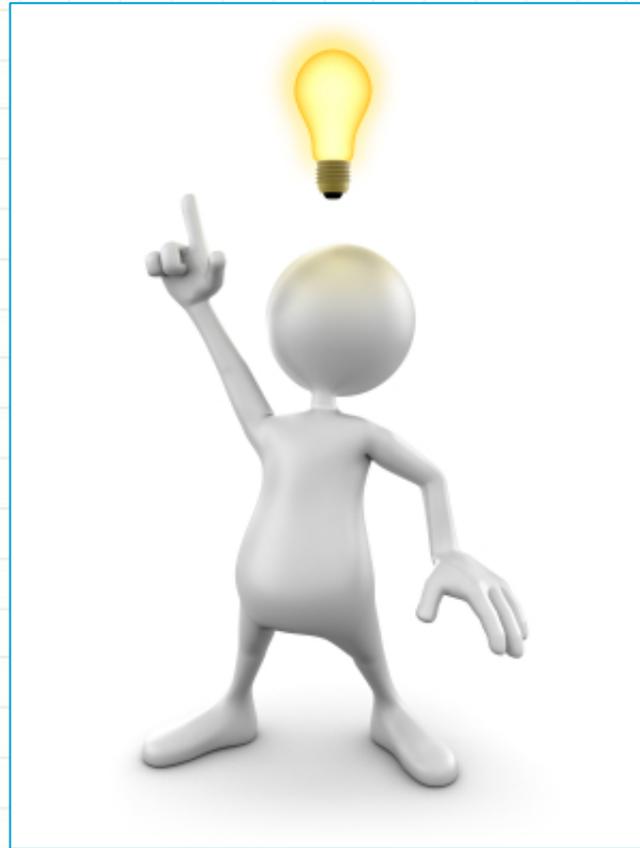


# FAI as the Authority behind sanctioning drones competitions

- 2016
  - CIAM decision for a permanent S/C
  - Contacts with potential organizers
  - Copyright the activity
  - Potential new sponsors / partners
  - FPV Racing events
- 2017
  - Possible agreement with other organizers
  - Find new sponsors / partners
  - Extend the World Cup events
  - World Championship ??



# FAI as the Authority behind sanctioning drones competitions



# How can we protect air sports in view of regulatory activities?

- **Regulatory authorities**
  - ICAO
  - Regional organizations
    - EASA
  - National Organizations
    - FAA, CAA, DGAC, .....
  - Advisory Authorities
    - JARUS



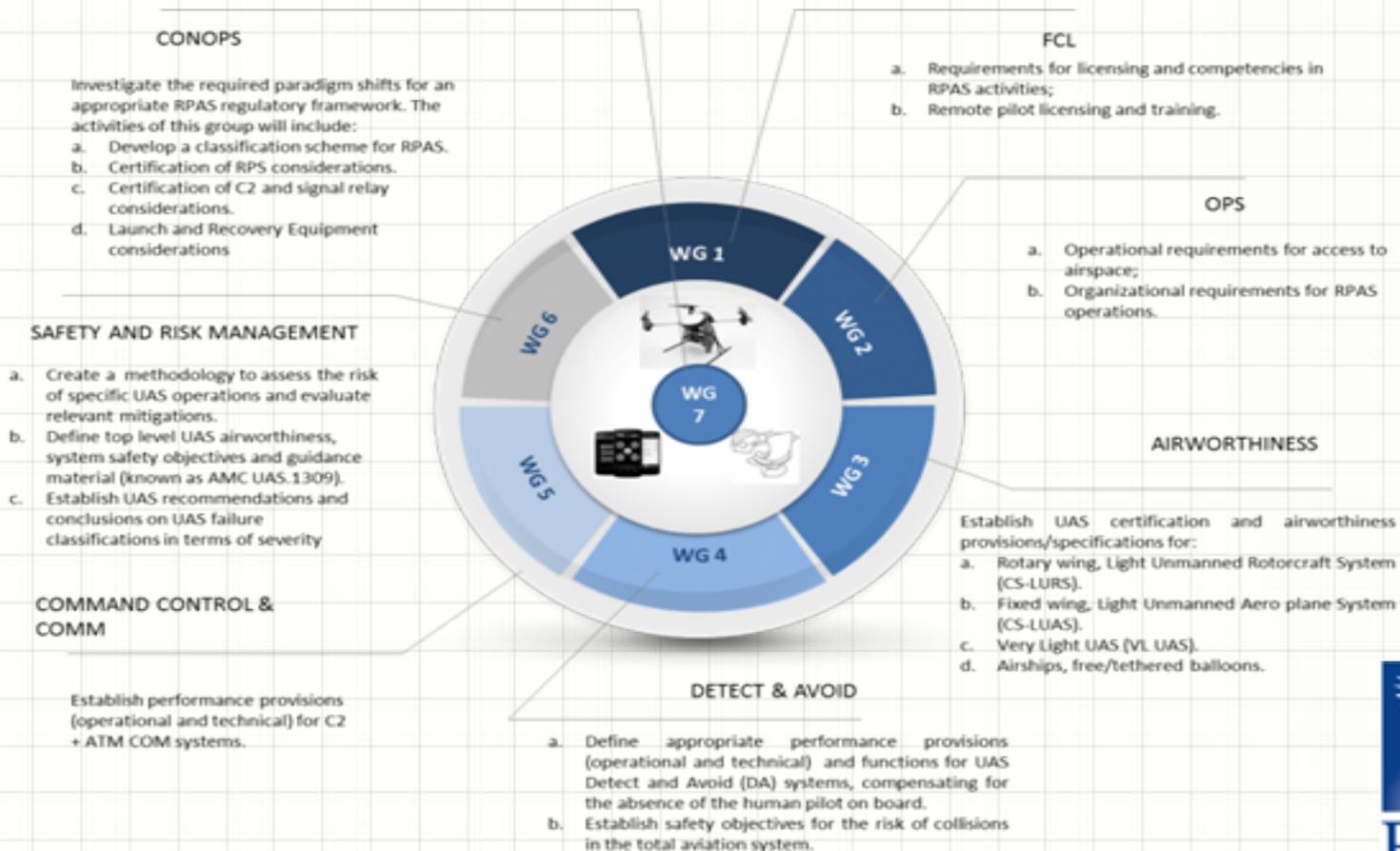
# How can we protect air sports in view of regulatory activities?

- **JARUS Structure**
  - JARUS Members
  - SCB – Stakeholders Consultation Body



# How can we protect air sports in view of regulatory activities?

- **JARUS Structure**



# How can we protect air sports in view of regulatory activities?

- Sky / Airspace Users



# How can we protect air sports in view of regulatory activities?

- **Sky / Airspace Users**

- Birds
- Aircrafts



# How can we protect air sports in view of regulatory activities?

- **Sky / Airspace Users**

- Insects



- Model Aircrafts / Drones



# How can we protect air sports in view of regulatory activities?

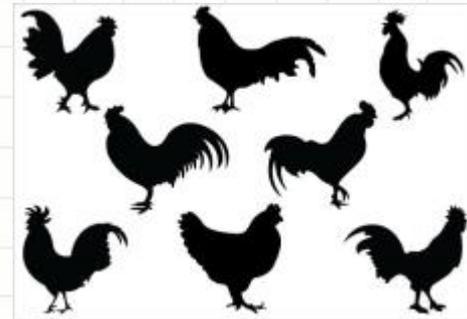
- **Sky / Airspace Users**
  - but we also have another user category .....



# How can we protect air sports in view of regulatory activities?

- **Sky / Airspace Users**

- but we also have another user category .....



- The roosters

- Classified as birds
- They can't fly but
- They believe they can !!

# How can we protect air sports in view of regulatory activities?

## Why Authorities are looking to rule the activity?

- Huge number of drones sales
- Drones operating capabilities
- Lack of aviation education to most of the end users
- Reported instances
- Pressure from the industry



# How can we protect air sports in view of regulatory activities?

## Major issues for consideration

- Potential problems to existing activities
- Categories and types of drones
- Registration
- Licensing
- Other limitations (geofencing, electronic labels)
- Pressure from the industry
- U-Space and UTM



# How can we protect air sports in view of regulatory activities?

- 2015
  - FAI was represented at ICAO Symposium
  - FAI EB, FAI GC and CASI decisions
- 2016
  - FAI was represented at JARUS meeting
  - Closer cooperation with EAS and IAOPA
  - Launch a survey for the members
  - FAI was represented at Asia region symposium
  - Joint statements with other organizations
  - FAA Declaration due to AMA efforts
  - Joint meetings with EASA



# How can we protect air sports in view of regulatory activities?

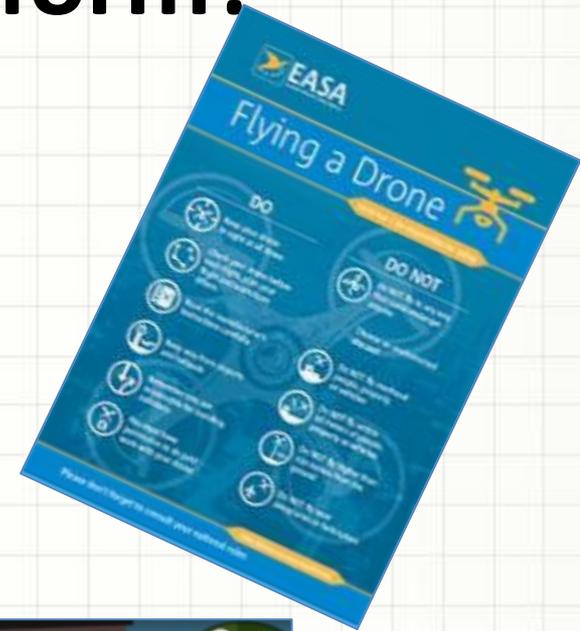
- 2017
  - FAI was represented at JARUS meeting
  - FAI / CIAM was represented at EASA meetings for the Prototype rule formation
  - FAI will host a Drones Expo at Lausanne together with EPFL in September



# How can we protect air sports in view of regulatory activities?



# Should we introduce an educational / informational platform?



# Should we introduce an educational / informational platform?

## Concept

- Share already existing material related to drone or model aircraft training and education
- If so needed we can develop special “chapters” according to the needs we will need to address



# Should we introduce an educational / informational platform?

## Benefits

- Very important “tool” for our members
- Could be promoted and even used by authorities
- Could be used world wide and in many languages
- Will reflect FAI common strategy
- Deadline to collect material



# Should we introduce an educational / informational platform?



# Should we establish safety code and safety guidelines?



# FAI Common Strategy for drones

Continuous communication between FAI – ASCs - Members

Attract/Accept new users

Establish information flow



Offer drone sports friendly environment and competitions

Educational and informational platform

Formal communication with authorities



# FAI Common Strategy for drones



# Discussion and Conclusions

## Next Steps



## Actions

