

**AeroSpace and Defence Industries Association of Europe**

**ASD-IMG<sup>4</sup>**

**Industrial Management Group  
Aircraft, Aero Engines, Equipment, ATM**

**Research & Technologies**

**Operation**

# ASD-IMG<sup>4</sup>

## The European Aeronautics industry network for R&T

- ASD-IMG<sup>4</sup> coordinates the manufacturing industry position with regard to the EC Civil Aeronautics Framework Programmes
- ASD-IMG<sup>4</sup> represents the European Aeronautics Industry through the Industry Management Groups (IMG)

IMG<sup>4</sup> comprises representation from four groupings :

### Euromart IMG *(Airframe)*

Aernnova Aerospace	Airbus SAS
Aero Vodochody	Saab AB
AgustaWestland	EADS IW.
Alenia Aeronautica	EADS MAS
AleniaAermacchi	Eurocopter
Bombardier Aerospace	PZL-Swidnik
Dassault-Aviation	HAI
GE Aviation Systems	Latecoere
GKN Aerospace Services	RUAG
LET Aircraft Industry	Patria Oyj
Piaggio Aero Industry	SONACA
PZL Mielec	Stork Fokker
S.A.B.C.A	
AeroPortal, IAI (observers)	

### Engine IMG

AVIO  
ITP  
MTU Aero Engines  
PBS Velká Bíteš  
Rolls-Royce  
RRD  
SNECMA  
Techspace Aero  
Turbomeca  
Volvo Aero  
WSK Rzeszow

### Equipment IMG

Selex Galileo	Auxitrol
BAE systems avionics	Cesa
Diehl Aerospace	Dräger AG
Hellenic Aerospace Ind.	Fokker-Elmo
Liebherr-Aerospace	Sagem
Lindenberg GmbH	Selex Comms
Messier-Dowty Ltd	Nord-micro
Messier-Bugatti	Skysoft
GE Aviation Systems	Saab AB
Goodrich	Barco
Thales Aerospace	Qinetiq
Thales avionics electronic systems	Megitt
ZF Luffahrttechnik GmbH	ISQ
INASCO	GIFAS
Jihostroj	

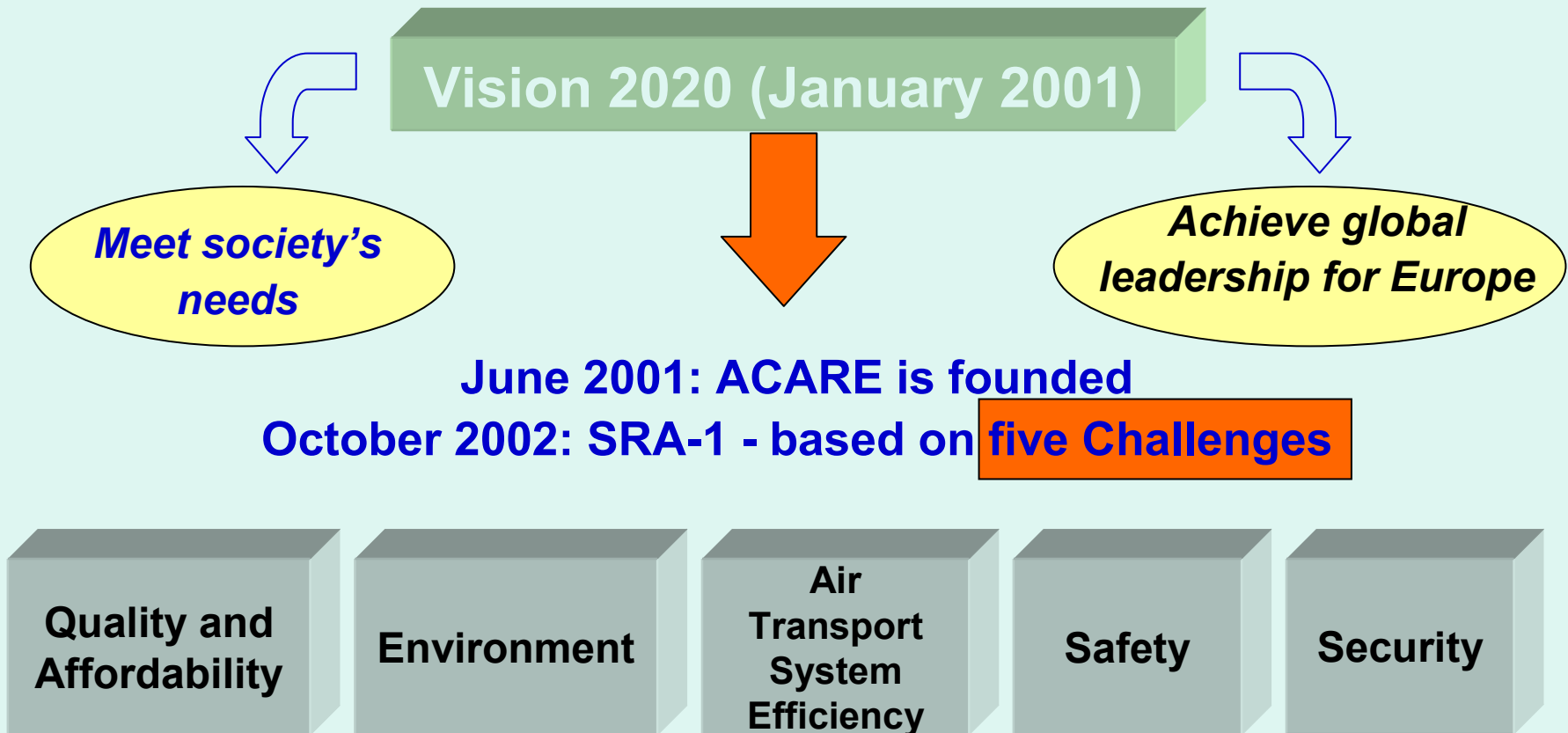
### ATM - IMG

Airbus  
Alenia Aeronautica  
Bae Systems  
Dassault Aviation  
EADS  
Eurocopter  
Selex Galileo  
Hellenic Aerospace Ind.  
Indra  
Raytheon Ltd  
Selex Comms  
GE Aviation Systems  
Selex Sistemi Integrati  
Thales Alenia Space  
Thales Air Systems  
Thales Aerospace

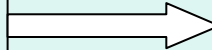
- **Eligible for EC funding**
  - **Undertake research within EU member states**
  
- **Exploitation path for research results within the EU member states**
  - **Have a manufacturing base within the EU member states**
  
- **Participate in the meetings and the decision making**
  
- **All IMG activity is self-funded**

## ACARE SRA\*: The reference

*\* Advisory Council for Aeronautics Research in Europe  
Strategic Research Agenda*



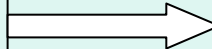
**Quality & Affordability  
(Competitiveness)**



### ■ Challenges

- Halve time to market
- Competitive Supply Chain
- Reducing travel charges

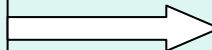
**Environment**



### ■ Challenges

- 50% cut in CO<sub>2</sub> emissions
- 80% cut in NO<sub>x</sub> emissions
- 50% perceived aircraft noise

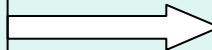
**Efficiency of the air  
transport system**



### ■ Challenges

- 3 times increase in traffic
- 99% of all flights within 15 min of timetable

**Safety and Security**

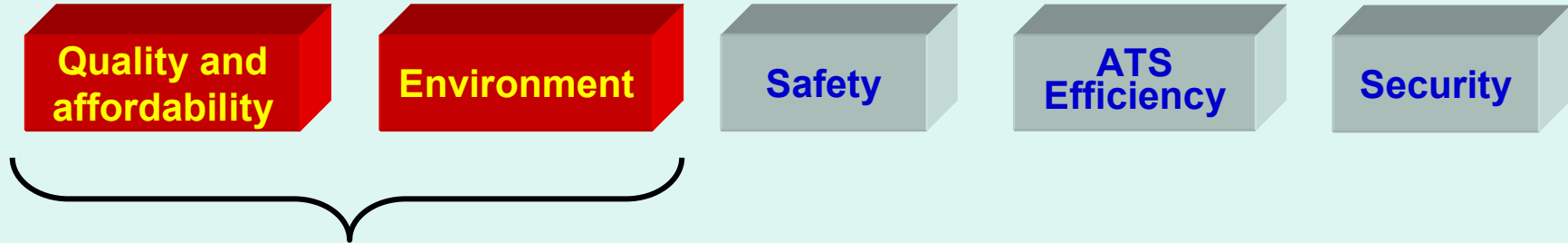


### ■ Challenges

- Five-fold reduction in accidents
- Zero successful hijack

## The UTMOST priorities

### SRA-1 challenges



**Our utmost priorities:  
Quality & Affordability → Competitiveness  
& Environment**

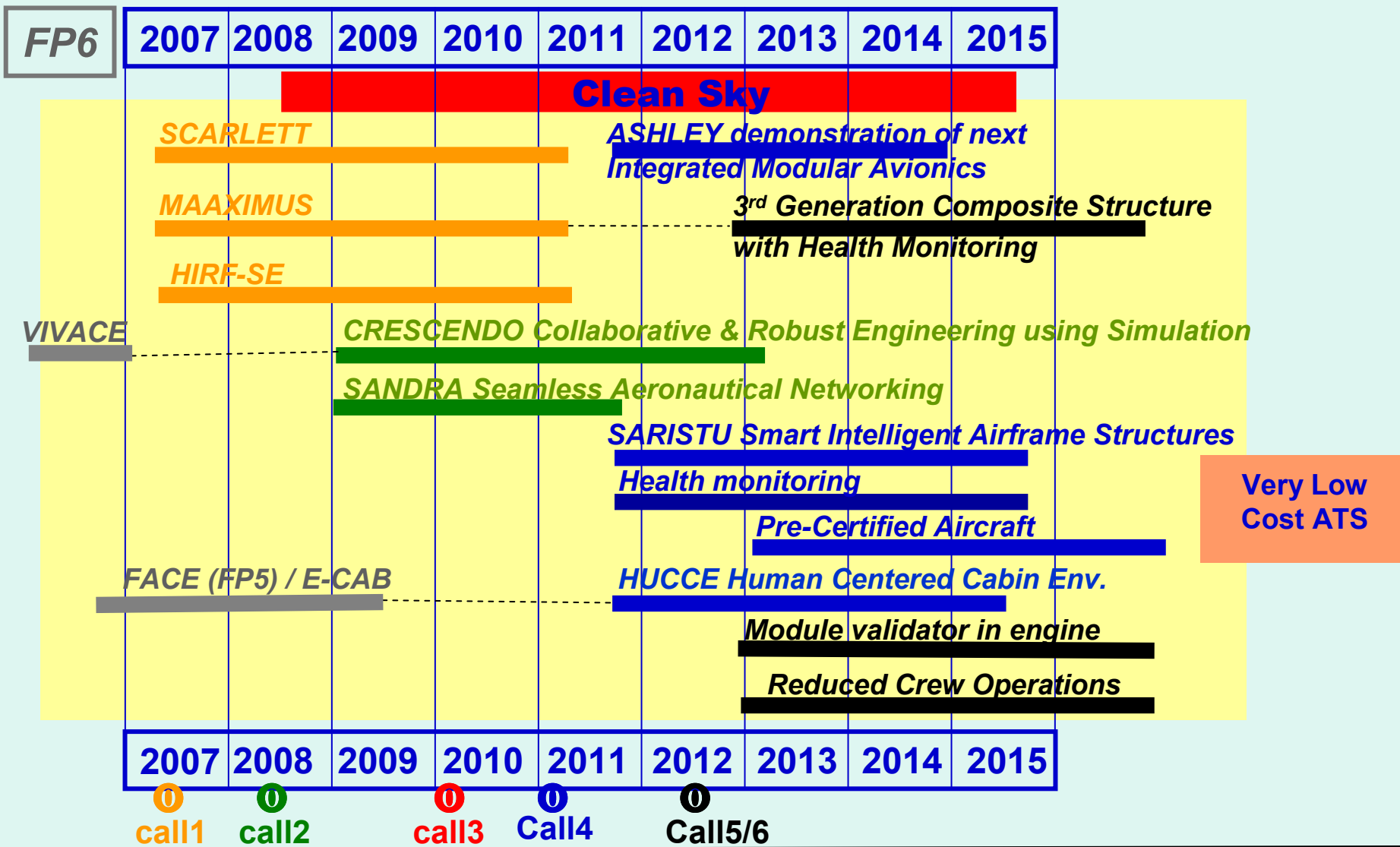
# **ASD-IMG<sup>4</sup>**

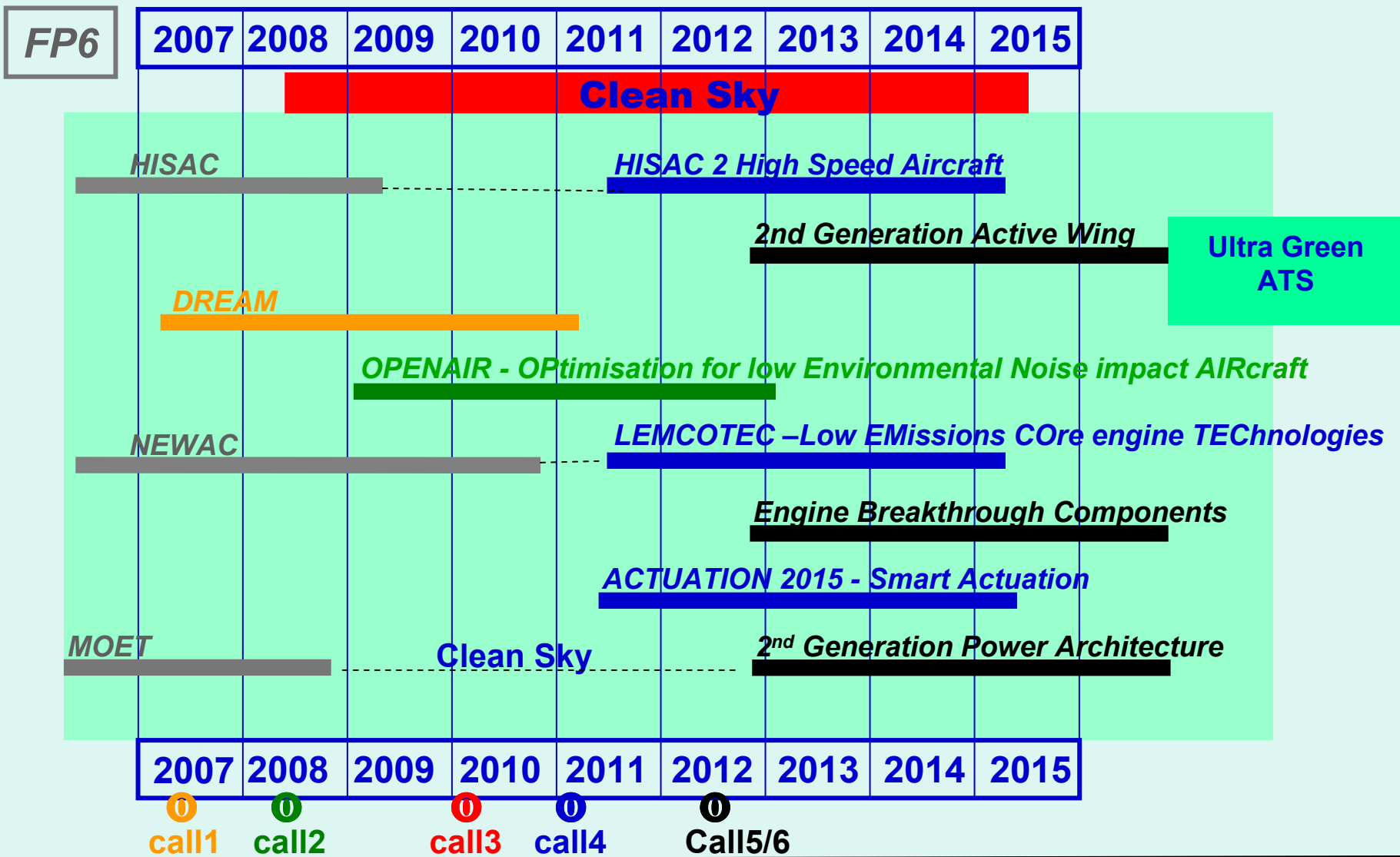
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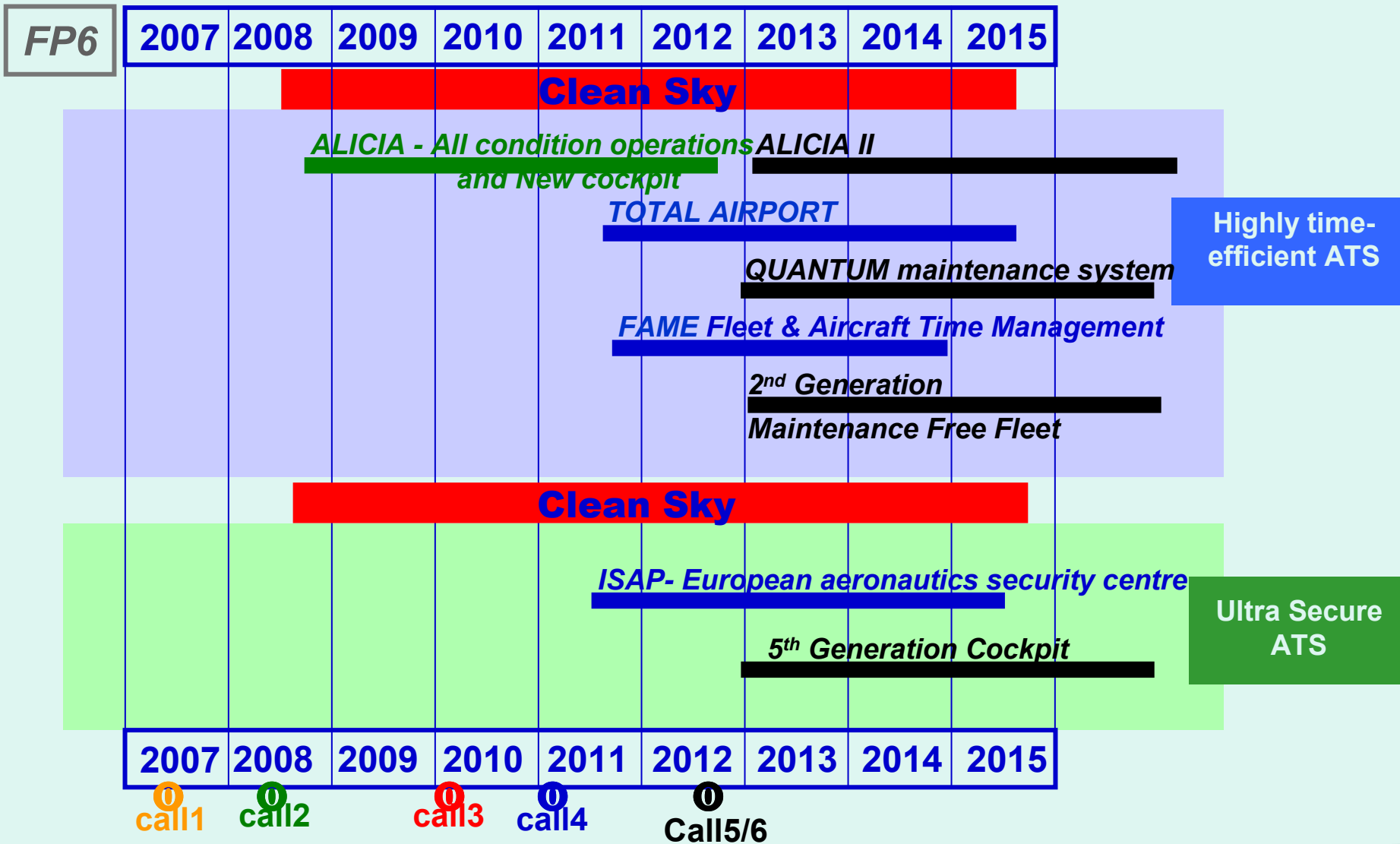
**Research & Technologies**

## **Framework 7: Large Projects Road Map**

- Each company generates ideas of projects they wish to do and are prepared to lead (bid and manage)
- Each idea is collected by the IMG representing that company (Airframe, engines, equipment, ATM)
- Within each IMG any overlaps, commonality, potential participation and budget can be identified.
- Each IMG presents its list into IMG4
- Within IMG4 overlaps can be identified and additional participation explored
- IMG4 provides the manufacturing industry priorities to the EC
- Discussions with EC to refine the list (sequencing, budget, relation to existing projects, scope, content, ...)







## Timeline – Example for Large (L2) projects through EC Processes

- July 2005 – December 2005 – **Each IMG defines its own priorities (projects in outline, leadership, interested companies, ROM budget)**
- December 2005 – **Industry requirements for duration of Framework 7 (2007-2013) set out (projects, interested companies, ROM budgets)**
- January 2006 – **Industry requirements discussed with EC**
- March 2006 – **For each proposed project industry lead partner and interested companies and budget confirmed**
- January - March 2006 – **Prioritised industry requirements for 1<sup>st</sup> Call finalised (topics, budgets) and presented to EC**
- November 2006 – **Framework 7 1<sup>st</sup> Call (Work Programme) formally issued**
- May 2007 – **Proposal submitted**
- November 2007 – **Start project**

- To be published in July 2010
- Funding starts 2011
- Budget ~ €140m (€110m for L2 projects)
- Industry (IMG4) plans exceed expected budget so prioritisation is being undertaken during 2009
- Now we discuss with the EC the content of the Work Programme for Call 4
- EC processes require finalisation of industry input before end 2009

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**END**

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