



The EU SDR Initiative

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Panel V

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Building Capabilities for a Secure Europe



European Defence Agency

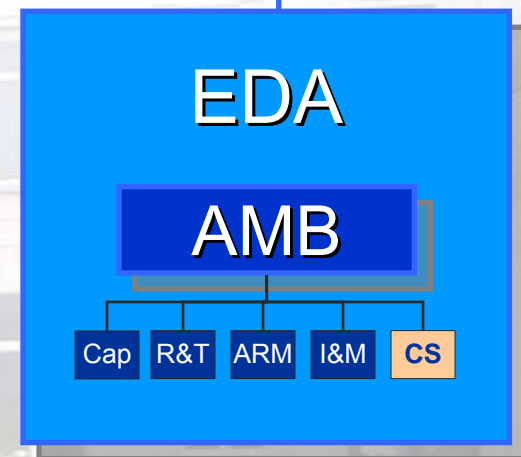
- Founded by the “Joint Action of the Council of Ministers” at 12 July, 2004

EDA Mission

- “to **support the Member States and the Council** in their effort to **improve European defence capabilities in the field of crisis management**”
- “to sustain the European Security and Defence Policy as it stands now and develops in the future”.



EDA SB
Defence Min



SDR Landscape from EDA Point of View early 2005

- USA**
- JTRS Program in progress ⇒ SCA Definition
 - From MIDS LVT Cooperation to MIDS JTRS Partnership

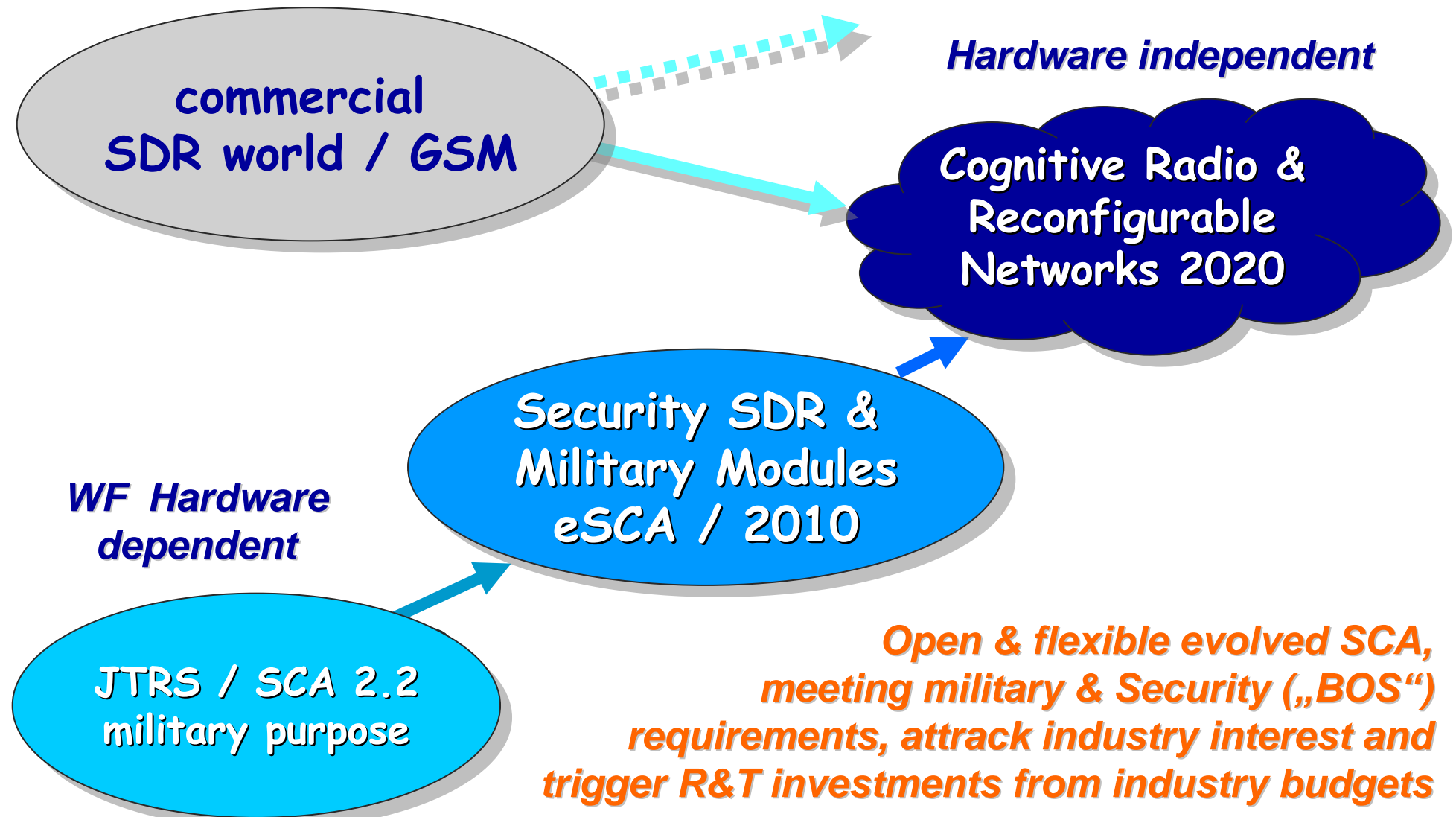
Europa MoDs & DTIB Situation in SDR wireless communications

- Similar military Requirements
- Cutting Edge SDR Technology in national Industries (GSM)
- High risk of Fragmentation of the European DTIB by bilateral transatlantic Agreements (MoUs)

EU Situation

- EDA in Build Up – μ -Budget – more govern. SDR engagement
- Lack of Interoperability in the AOR for ESDP civil/military CMO”
- National SDR Studies & Programmes + mil Lol Activities
- EC ESR & PASR Program and commercial EC SDR Prgr.
- EU “wireless security communication needs for homeland operations”

EU SDR View & SCA Development



ESDP SDR Capability Interests

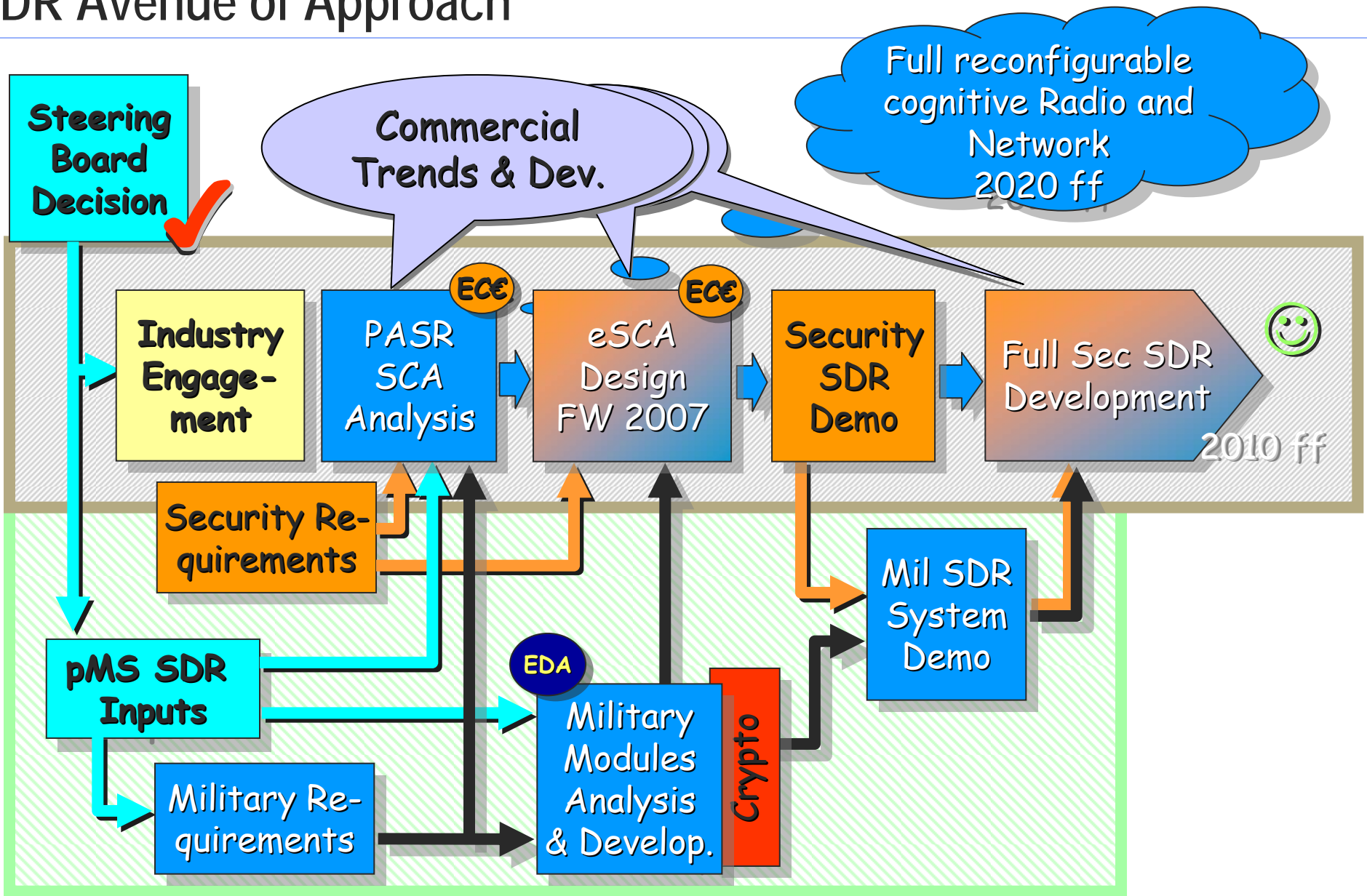
- ***Meet EU Member States civil & military requirements***
- ***Assured Interoperability between all actors in AOR***
- ***Full Interoperability with legacy Systems***
- ***Use of EU, National, NATO & Coalition Waveforms***
- ***EU Waveform for ESDP operations (+Urban Environment)***
- ***Support EU pMS mil SDR R&T coordination***
- ***Exploit dual use technology for EU military***
- ***Establish an EU Certification Capability***

EDA SB :

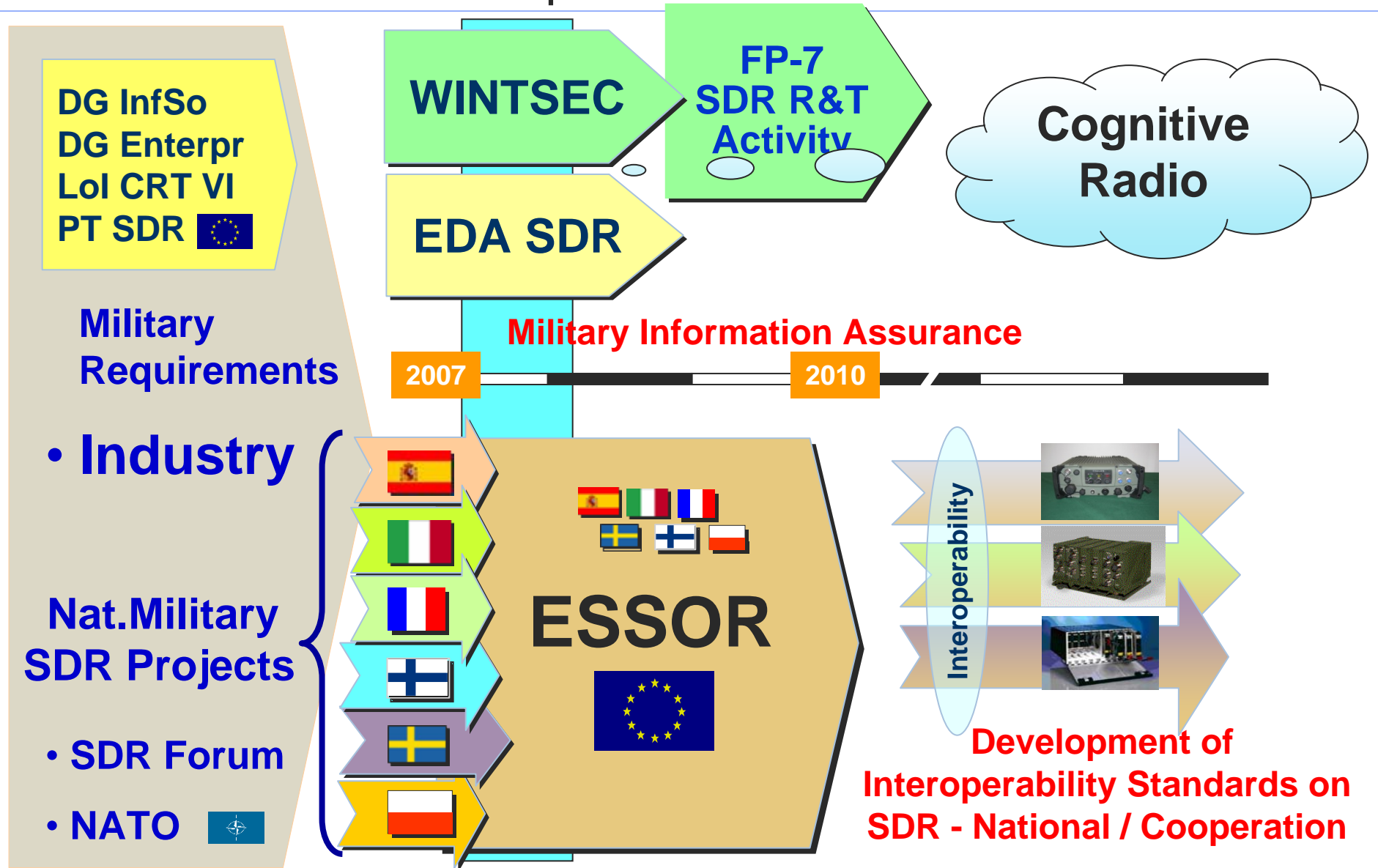
SDR Operational Conclusions

“The Steering Board decided to support an Agency-led effort next year to identify (and hopefully converge) pMS requirements and to test the viability of a collective European approach to developing a next-generation SDR as a joint civil/military endeavour.”

SDR Avenue of Approach



SDR : Joint Civ/Mil EDA / EC / pMS SDR Endeavour

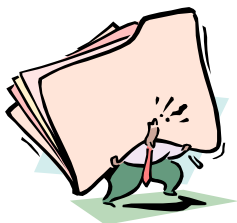


Status of the EU SDR Projects

- **WINTSEC** : Contract signed 02/01/2007 **Kick Off 22/01/2007**
- Duration 24 month, Value 3,7 Mio€ , Consortium of 22 org / (12 nat)
- EC/DG Enterprise is negotiating EDA status in the project (IPR)

- **EDA SDR Compl Study SCORED** : Contract: signed 27/03/2007
- Duration 24 month, Value 1,75 €; Consortium SCORED (22 org)
- Start of Work 01/04/2007; 1st Interim Report delivered

- **ESSOR**: EDA 6 Nations Cat B Program: (ESP, FIN, FRA,ITA, POL,SWE)
- Programme Management through OCCAR ;
- Programme value 100 Mio € ; Contracting expected **I /2008**



Coordination role for EDA



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