



RSPG#14 Item 3:
EDA Presentation

European Defence Agency and the Radio Spectrum

RSPG Meeting #14

22 Nov 2007

Marcel Staicu
Capabilities Directorate

European Defence Agency
Building Capabilities for a Secure Europe



Agenda

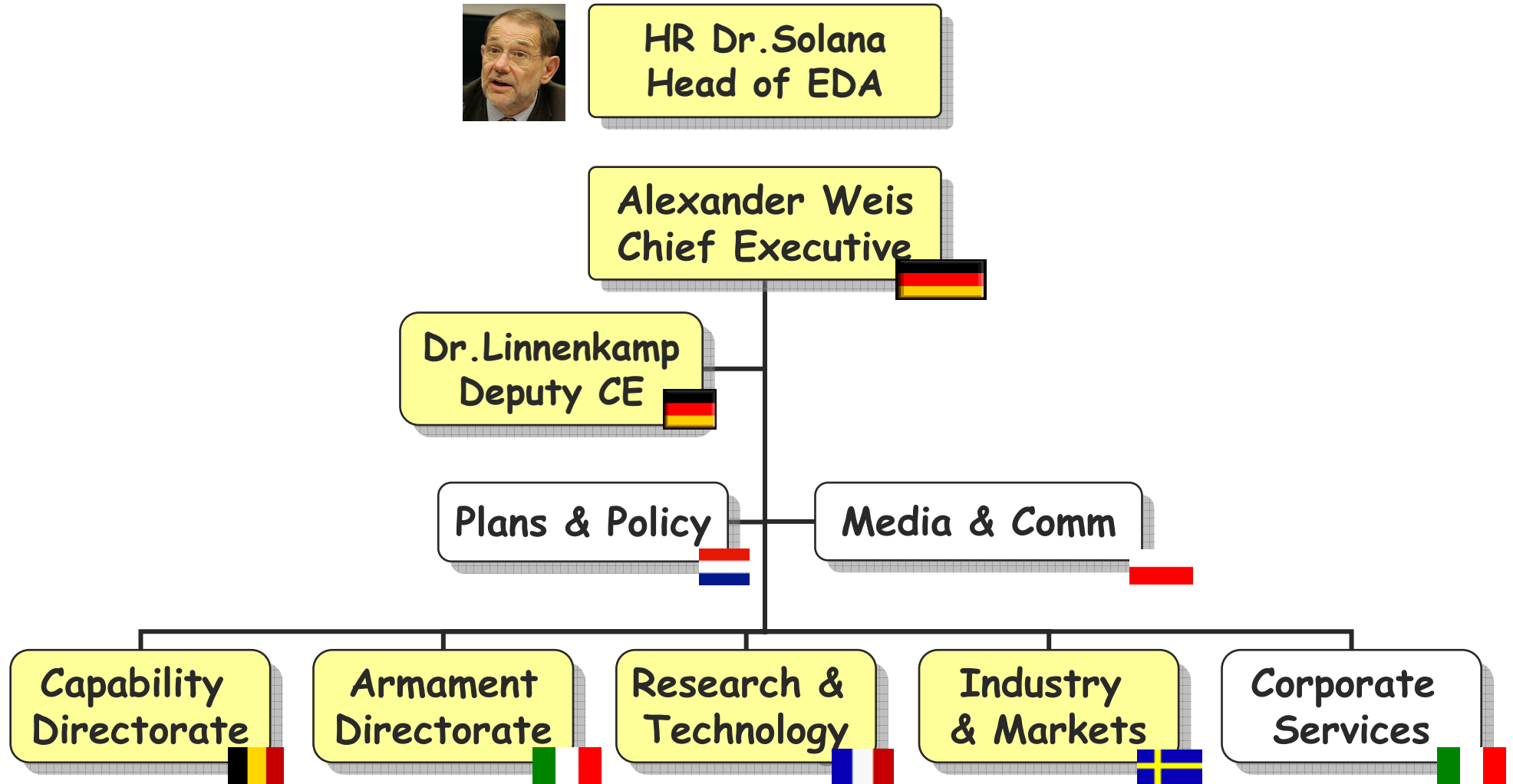
- European Defence Agency – Overview
- Efforts related to the use of the Radio Spectrum

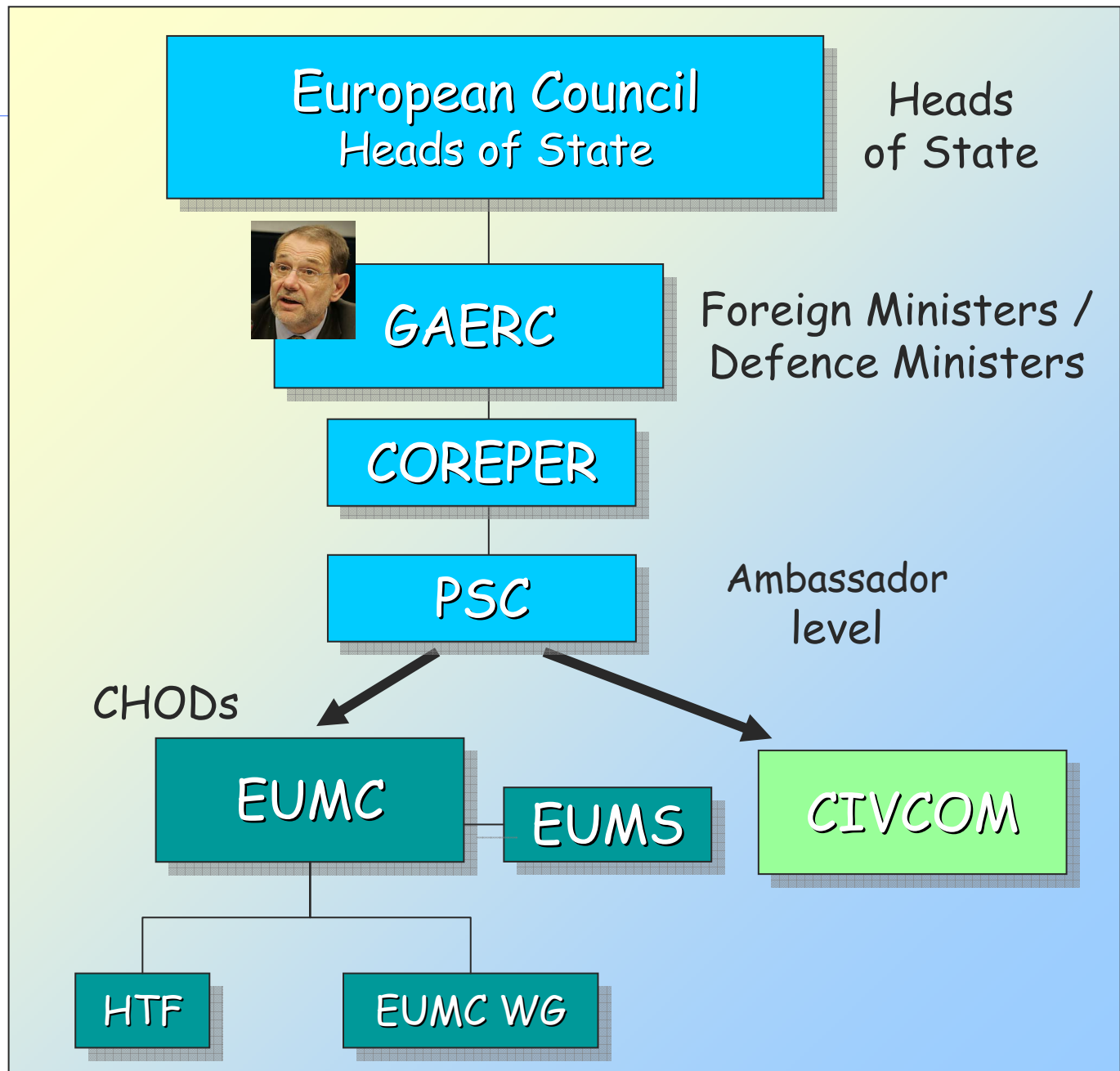
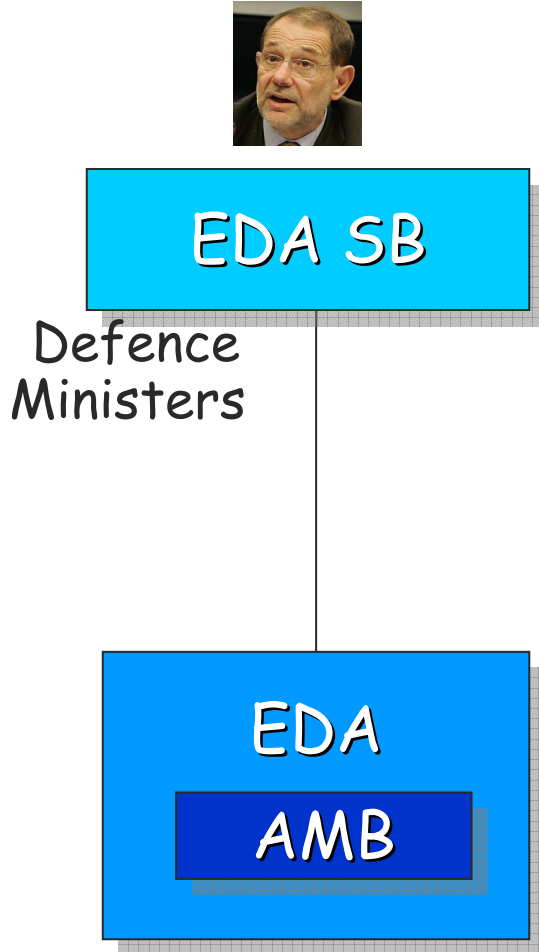


Why an EDA ?

- Europe under-performing on defence
- Critical shortfalls remain
- Partly under-resourcing
- Fragmentation across Member States:
 - R&T efforts
 - capability requirements
 - interoperability (standards, concepts, support, equipment, etc.)
 - industry
- Fragmentation of process

EDA Structure

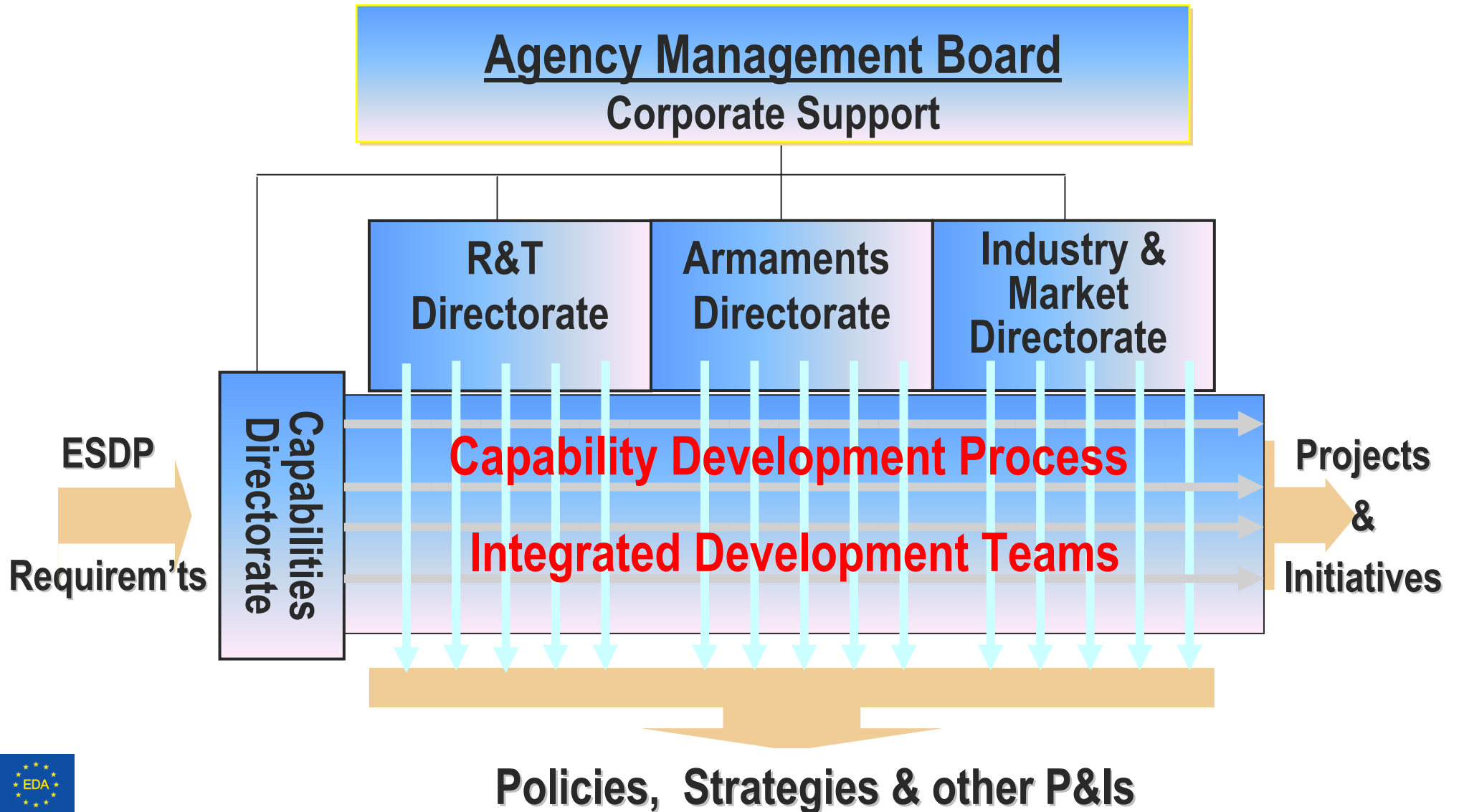




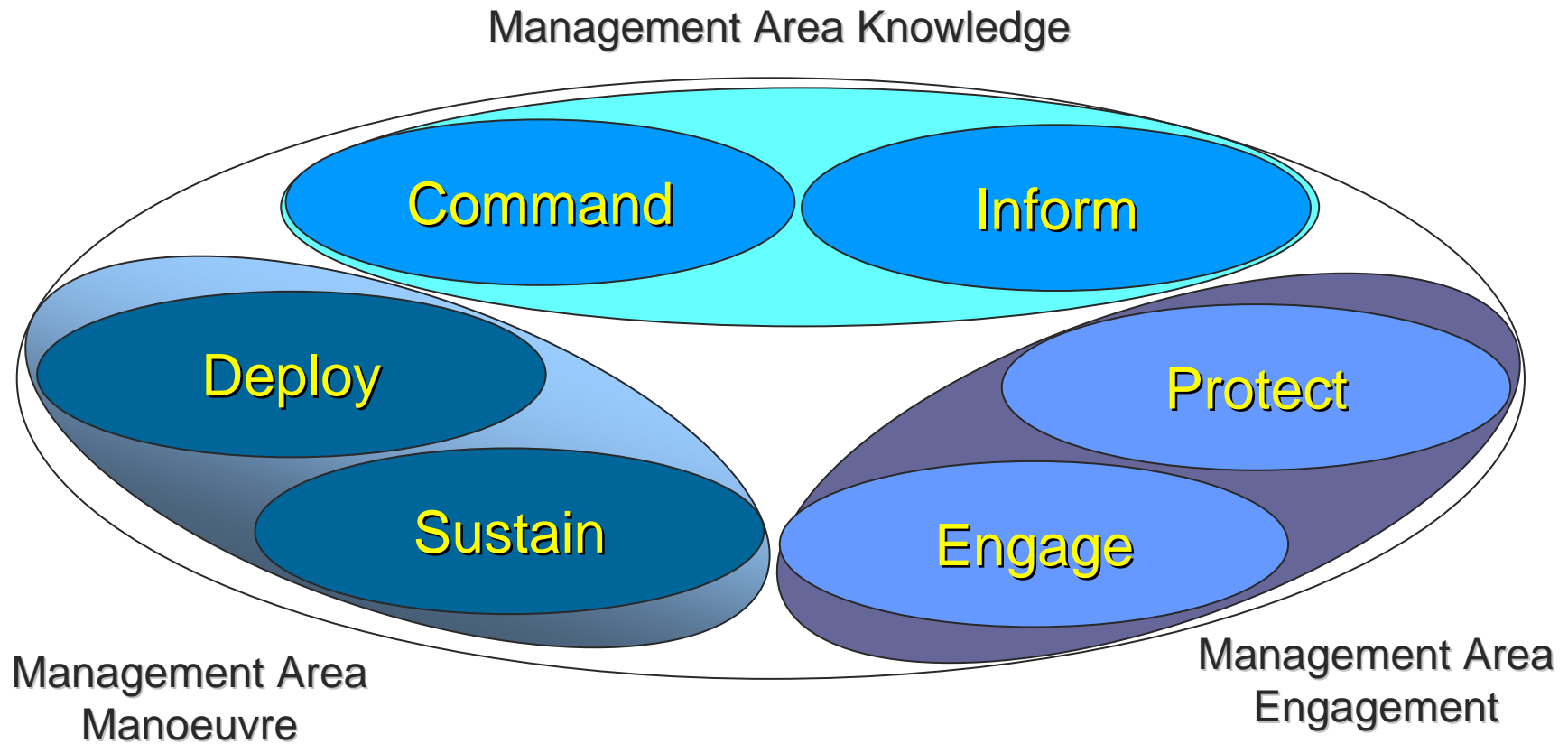
Mission and functions



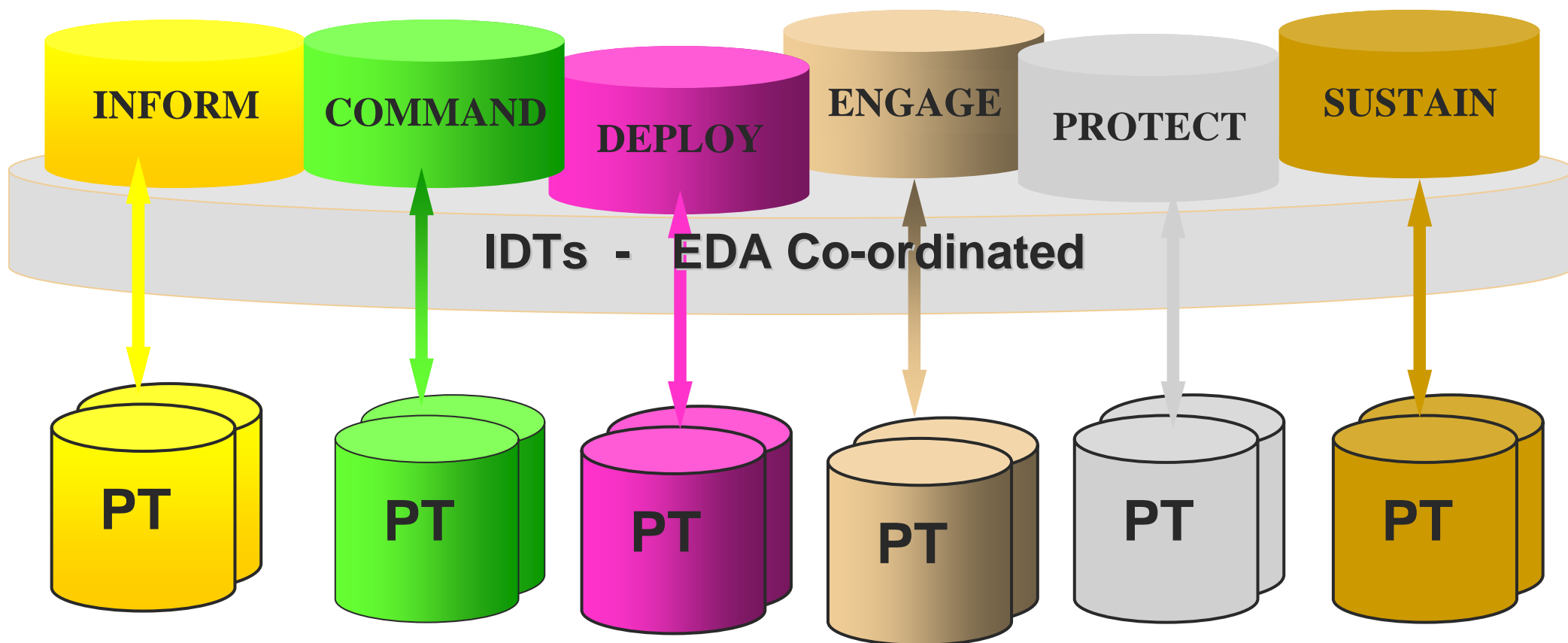
Internally, an integrated way of working (a “Matrix” approach)



Capability Development Areas

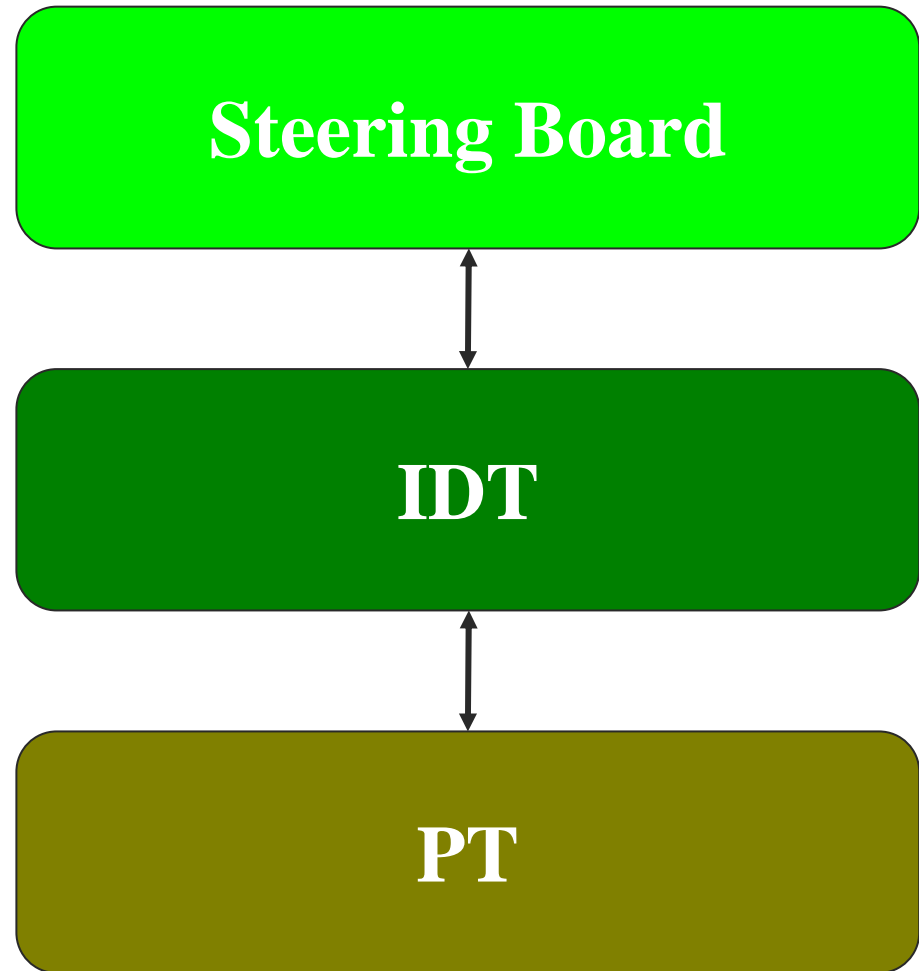


IDT Co-ordination



Decision Process

- Makes final Decision
 - Qualified majority
 - 4 Types but equal power
-
- Filtering
 - Coherence
 - Coordination
-
- Technical expertise
 - Innovative Ideas
 - Strong Commitment



Major Initial Achievements – 2005/2006

- Long-Term Vision
- The Defence Procurement “Code of Conduct”, towards a truly European Defence Equipment Market
- Defence R&T Joint Investment Programme (“Force Protection”)
- SDR Initiative (linking civil-military agendas)

External Relations

- Established notably with Lol, OCCAR, NATO and Industry



EDA – 2007 Agenda

Implementation of policies/projects/programmes already launched

- JIP on Force Protection
- Code of Conduct – EBB2 (up and running)

New strategies

- Capability Development Plan
- European DTIB Strategy
- European Defence R&T Strategy

New initiatives

- UAVs Initiative (approved by Ministers, May)
- 21st CSS, promising work underway → CEDS (new Cat B) launched last June
- ESSOR, NEC, IERs

Overview Projects – Cat.A & Cat.B

- **“Cat. A” Project** Joint Investment Programme ‘JIP’
(Force Protection)
19 pMS + Norway, € 55 mio
- **“Cat. B” R&T Projects** 67 total (42 ‘legacy from ‘WEAO’)
from which 34 contracted for € 170 mio
- **A major Cat. B Project (SDR area)** ESSOR – 6 pMS (ES, FI, FR, IT, SE, PL)
specific coordination role for EDA, €125 mio
- **Common EDA / Commission:** SDR: WINTSEC / EULER / EDA SCORED
UAV: insertion GAT
OSINT: preliminary phase

Agency's Critical Factors for Success

- Solana as Head of the Agency
- Defence Ministers in the Steering Board
- Coherent, integrated approach at all levels
- Results oriented
- Member States to deliver

EDA Efforts on Radio Spectrum Use - Background

- Requests from PT SatCom, PT UAV (PT ISR), PT SDR
- 4th IDT Command tasked EDA to:
 - ✓ host 2 WS
 - ✓ set up a forum
 - ✓ better define the taskings
 - ✓ look into the WRC

1st Workshop on Frequency Management

- 20 June 2007
- AT, CZ, EL, FI, FR, NL, SE, SK, UK + EC, EUMS
- Main conclusions:
 - ✓ need for EDA projects coordination on spectrum issues
 - ✓ PT RS could promote the EU mil interest
 - ✓ PT RS could coord EU mil position into WRC 2011
- Commission offered to participate in a PT RS
- FR developed a WP on a PT RS

2nd Workshop on Radio Spectrum

- 8 Oct 2007
- 23 participants
- AT, CZ, CY, DE, FI, LV, FR, IE, SE, SK, UK + EC, EUMS
- Main issues:
 - most nations, EUMS, Commission in favor of the PT RS
 - practical steps of co-operation with Commission refined
 - taskings and way ahead of the proposed PT updated

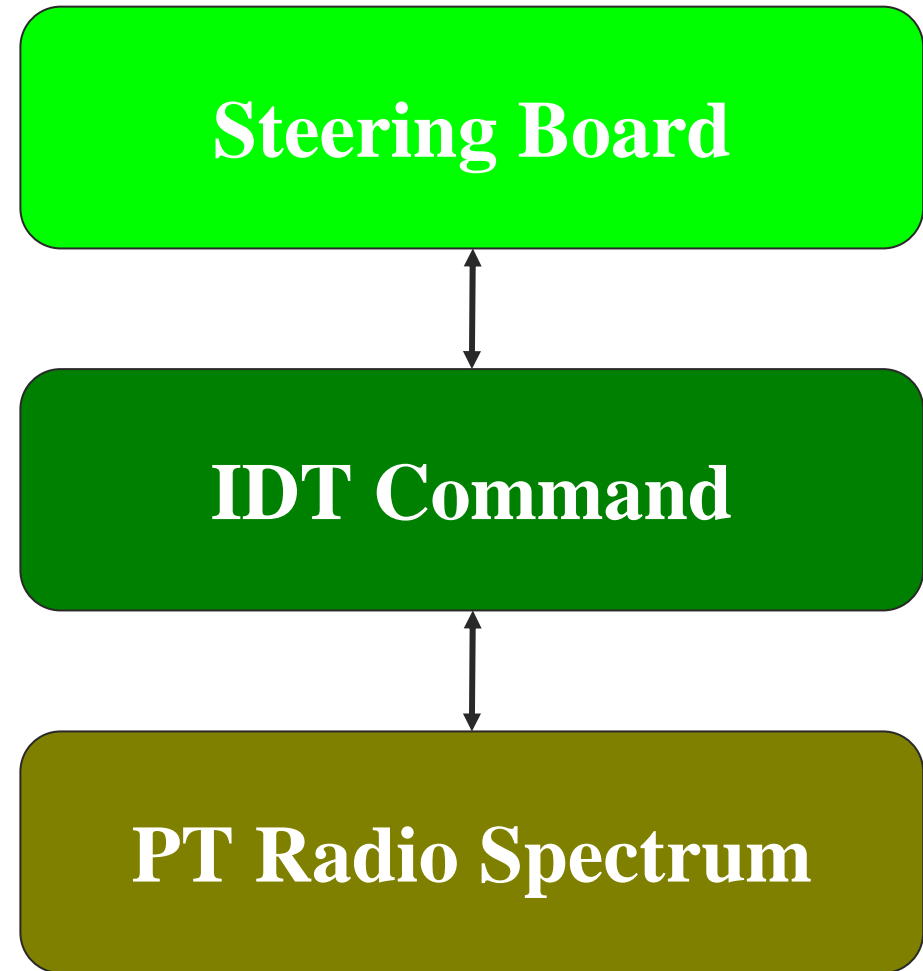
Workshop on Radar Frequency Allocations

- 04-05 October 2007, Jouy en Josas (France)
- Radar industry, FR, NL, UK, SE govt. and EDA representatives
- Objectives:
 - ✓ Identifying radar frequency needs facing the present regulation
 - ✓ Drafting studies, proposals and actions for radar frequency allocations
- Main conclusions:
 - ✓ Need for organizational background (EDA?)
 - ✓ More effective and harmonized representation of radar and military interests in the international organizations
 - ✓ Need for actions in order to avoid loss of significant military capabilities
- Main outcomes:
 - ✓ Draft Outline Description for an EDA-funded study
 - ✓ Draft Outline Description for an EDA Ad Hoc B Cat Project
 - ✓ Lobbying roadmap for consideration of stakeholders



Project Team Radio Spectrum

- Makes final Decision
 - Qualified majority
 - 4 Types but equal power
-
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 - Coordination
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- Technical expertise
 - Innovative Ideas
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Taskings of the PT RS

Core tasks:

- co-ordinate and provide input to EDA projects
- forum for info exchange on EU mil spectrum issues
- provide (mil) input to Commission Studies/Opinions and...
- co-ordinate internal developments with Commission bodies / activities:
 - ✓ Commission - special status in the PT RS (DG INFSO B4, DG ENTR H4)
 - ✓ EDA - observer status in the RSPG
 - ✓ EDA - member of the WG dealing with the RSPG Opinion
- liaise with EUMS to address short term issues

Extended, secondary tasks :

- liaise with CEPT (requires resources)
- co-ordinate EU military position into WRC 2011 (to be considered)



EDA Contribution to RSPG

- the EDA representative could provide beneficial co-ordinated input from the PT RS into the RSPG and appropriate WG meetings to :
 - the EU study on “Optimising the use of the radio spectrum by the public sector in the EU”
 - the RSPG Opinion on “Strategic considerations regarding government use of spectrum and its possible EU implications”

Questions & Answers

Thank you for your attention.



Back-up Information



EDA – Establishment

- June – end 2003 - political creation (IT Presidency Nov.04, following Thessaloniki EC)
- July 2004 - legally established (Joint Action)
- January 2005 - skeleton staff, initial operations
- July 2005 - full staff (80), own premises
- Current situation - staff approx. 100
€ 22m general budget (€ 5m for operational studies)



Agency's Concept

- Provide coherence across all efforts and actors – “systems integrator”
- Provide analysis, inject proposals, monitor and evaluate – “conscience and catalyst”
- Provide channel and instrument for political will

BUT

- EDA is intergovernmental – participating Member States decide and invest. Agency to support & encourage their efforts.



EDA Extranet forum

- <https://extranet.eda.europa.eu/Forums/Forum265-1.aspx>



The screenshot shows a forum interface with a blue header bar labeled "Radio Spectrum". Below the header is a table with a "Title" column. The forum is divided into sections: "Pinned Topics" and "Forum Topics".

	Title
Pinned Topics	
	Pinned: 2nd Workshop on Radio Spectrum (1 member) 
Forum Topics	
	Project Team Radio Spectrum
	Other related topics of interest
	1st Frequency Management WorkShop
	EU Radio spectrum policy information links