

DMSMS & Standardization Conference 2011

***~ NATO STANDARDIZATION ~
60 YEARS of NORMATIVE SUCCESS***

NATO Standardization Agency

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Director NATO Standardization Agency***

Hollywood (FL), 30 August 2011

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- **Historical background of NATO Standardization**
or Where we came from
- **Present Status**
or Where we are today
- **Future of NATO Standardization**
or Where we want to go



Military Standards?

Habit

Iron on Iron -> CBRN – Alarm

2047 “Emergency Alarms”

1st Edition May 1964 - now Edition 8, dated Aug 2010

STANAG



Operational Need

Air-to-Air Refueling

STANAG 3971 “Air-to-Air Refuelling” (ATP 3.3.4.2)

1st Edition May 1990 – now Edition 6, dated Jan 2010



Cooperation with Partners

- NATO – RUS exercises “Submarine Escape Ops”
STANAG 1390 “Submarine Rescue Manual” (ATP-57 (B))
1st Edition Jul 1991 – now Edition 6, dated Jul 2009



DIRECTOR'S OFFICE

History – a STD perspective

“Cold War”

ADOPTION

Systematic

Use of given (USSR)
Doctrine, Material...
Mostly Top-Down
Approach

STANDARDIZATION

Voluntary

Consensus Principle of Members
for a STD solution (Competition in
development, Discussions of
Doctrine,...)

Standardization supported NATO to win the
Cold War!

NSA - Where we came from...

1951

Founded as Military Standardization Agency (MSA), located in London

1970

Renamed to Military Agency for Standardization (MAS), moved to Brussels

1993

First approach to create a NATO Standardization Agency (not implemented)

1994

Implementation of Office for NATO Standardization (ONS)

2000

Merging ONS and MAS and renaming to NATO Standardization Agency (NSA)

2010/2011

NATO Reform Initiatives
2010 Lisbon Summit – New Strategic Concept
June 2011 Defence Ministerials - NATO Agency Reform

STD today's Environment

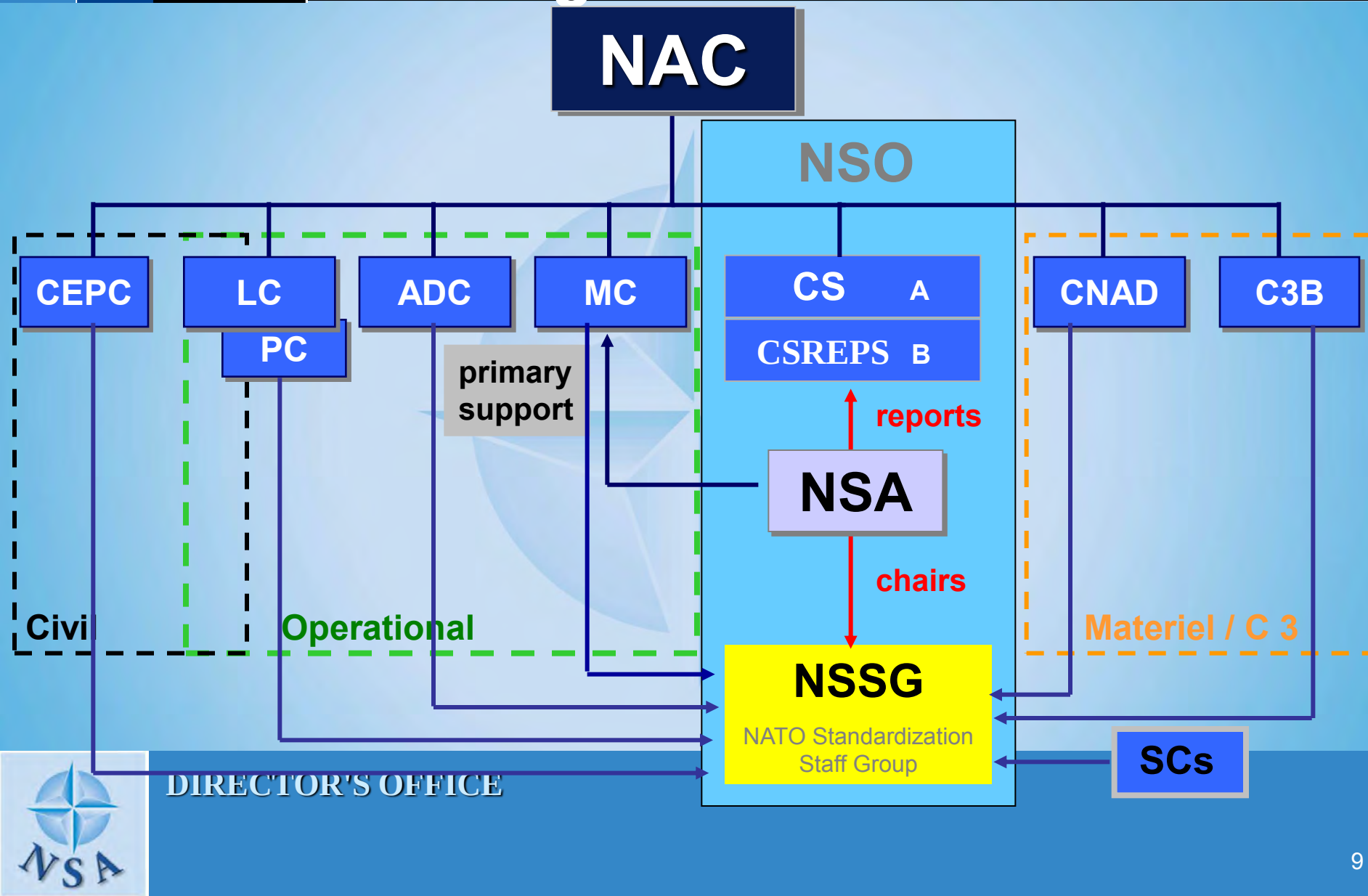
- **New Threats**
- **Article 5 / Non-Article 5**
- **New Forms of Conflict**
- **New Security-Political Actors**
- **New Tasks and Operations**
- **Increased Speed of Technical Innovation**
- **NATO Reform Initiatives (e.g. Agencies Reform)**



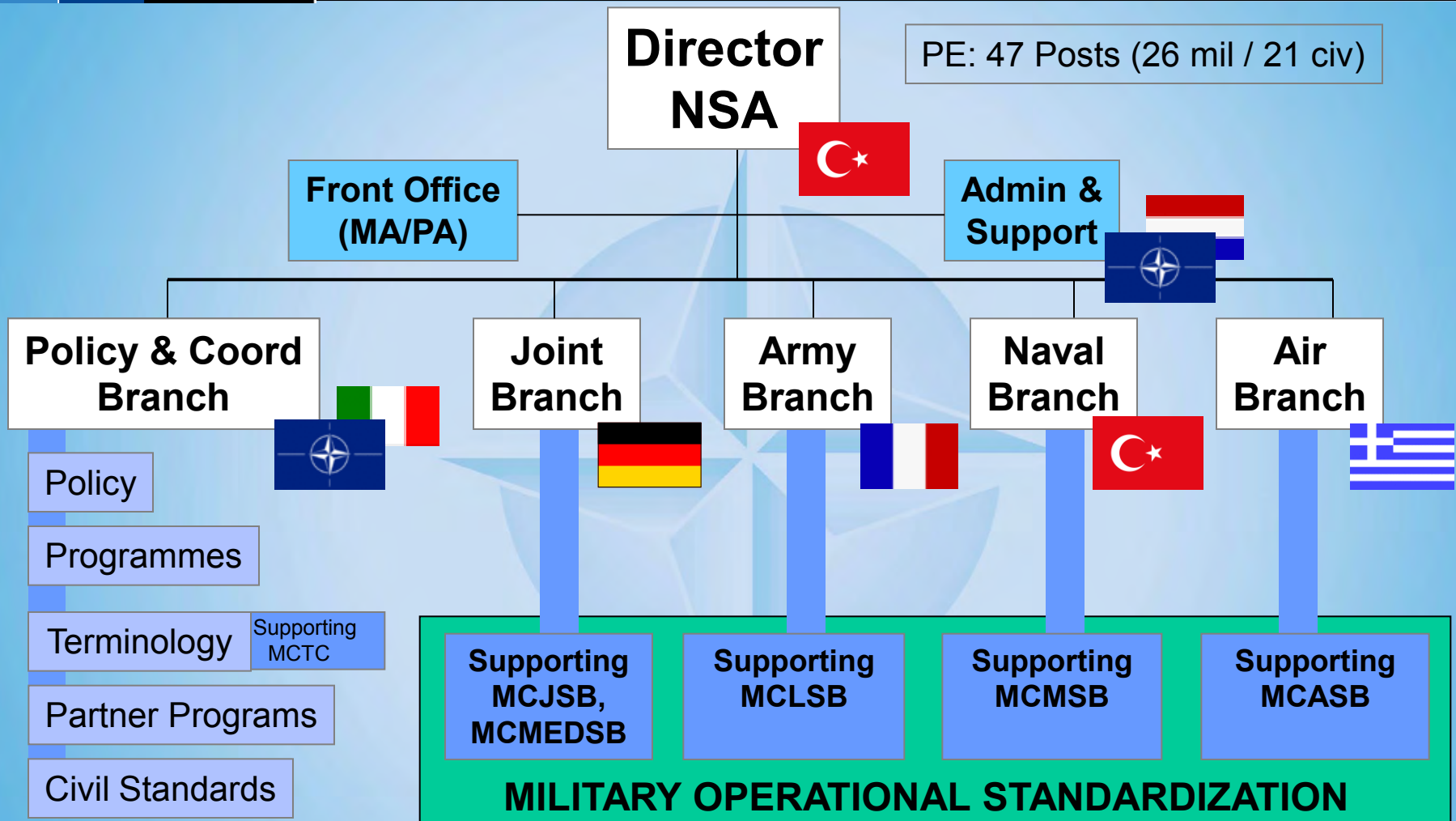


*Be wise -
Standardize!*

NATO Standardization Organization Structure



NSA Current Structure



Standard Development

*Top-Down
Process*

FORCE PLANNING – NATO Defence Planning Process



Requirements

Capabilities → Interoperability → Standards



NATO STANDARDIZATION ORGANIZATION



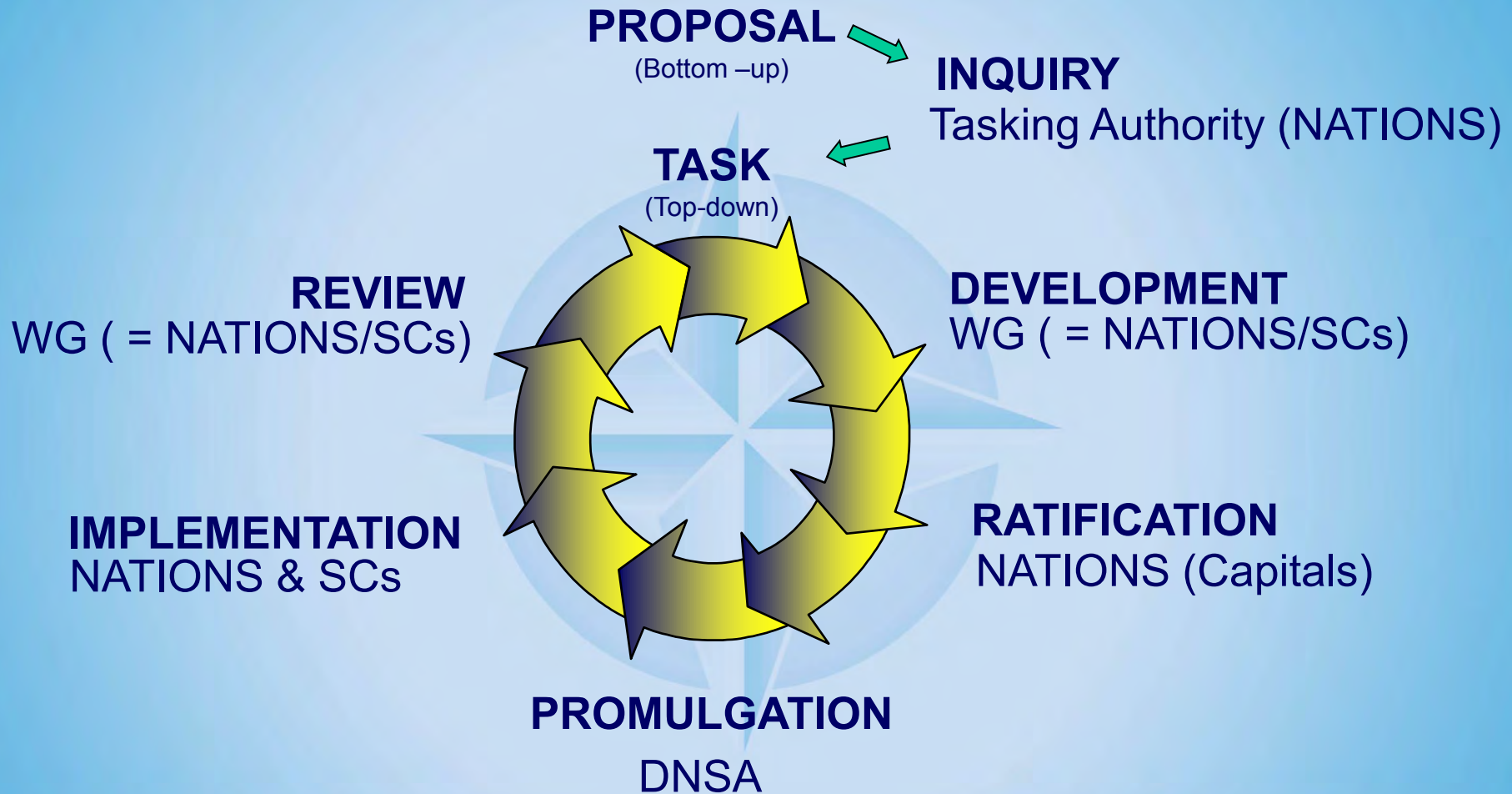
LESSONS LEARNED

OPERATIONS EXERCISES DAILY USE

*Bottom-
Up
Process*

DIRECTOR'S OFFICE

Standard Development



Achievements



Achievements

- Creation of more than 2000 STANAGs and APs
- Administration of 8000+ documents in the NATO Standardization Documents Database (NSDD)
- Creation of 10000+ definitions of NATO Terminology and their presentation in the NATO Terminology Database (NTDB), and in the NATO Terminology Management System (NTMS)
- 90+ % of standardization activities open for Partners around the globe

60 YEARS FOSTERING INTEROPERABILITY
of NATO Forces and their Partners

Civil Standards Organisations

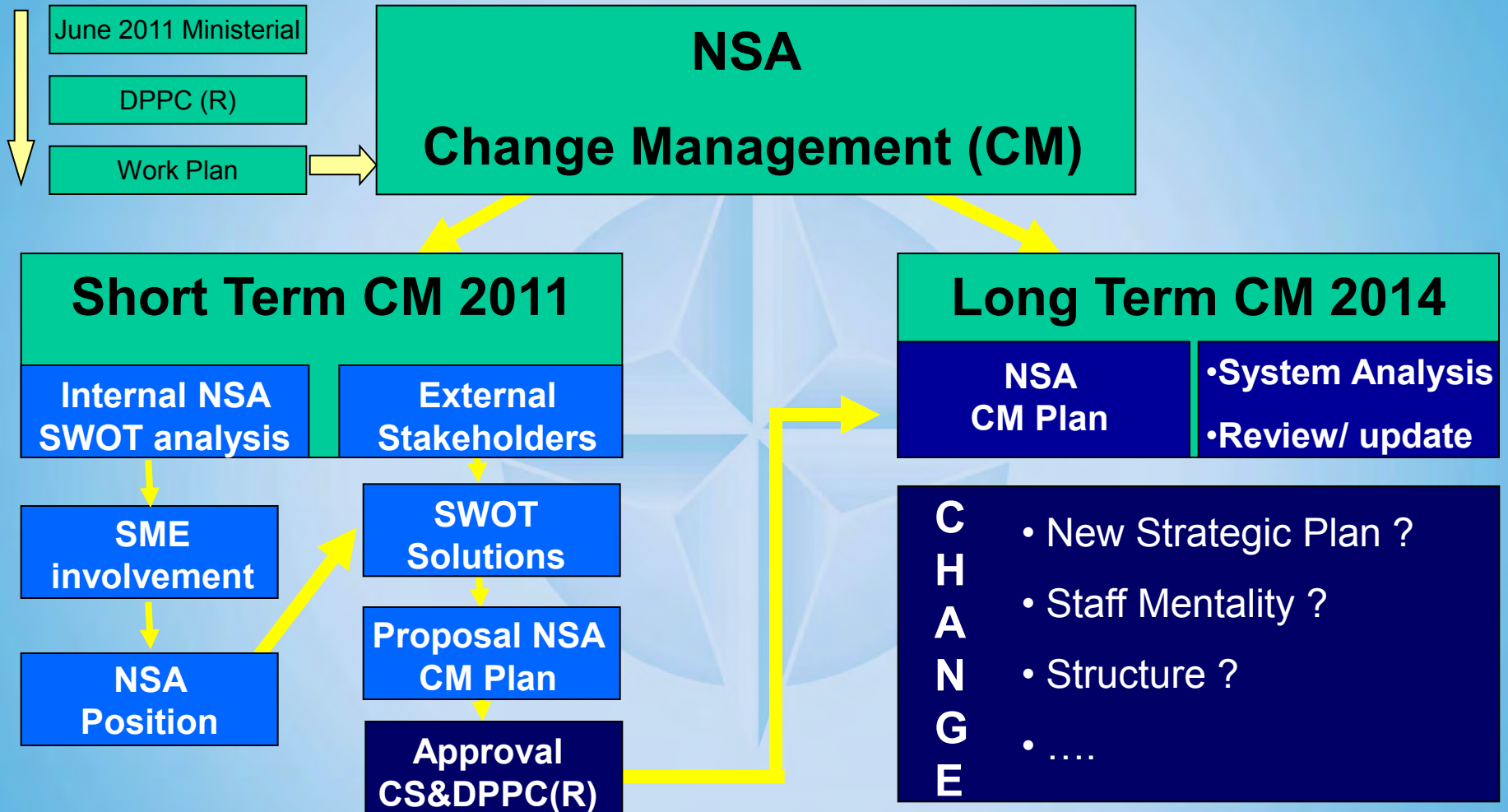




NATO Agencies Reform – Milestones-



Way ahead for NSA Reform



Where we are...

- **SWOT Analysis**

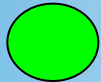
July 2011



- Internal analysis completed
- External Stakeholders inputs collected and included

- **Draft “NSA Change Management Plan”**

August 2011



- NSA “Food for Thought” paper to external Stakeholders
- External Inputs collected and included

- **Proposal “NSA Change Management Plan” to Committee for Standardization (CS)**

September 2011



- Finalizing the Draft proposal

12 October 2011

- Presentation of NSA proposal to national Representatives in the CSREPs format

October 2011

- Collection and inclusion of CSREPs inputs in NSA proposal

16 November 2011

- Presentation of the final way forward to CS

Future NSA ?

- (Possible) Vision for NSA

- THE SUPPORTING STANDARDIZATION MANAGEMENT BODY TO ALL STANDARD DEVELOPPING ENTITIES IN NATO

And

- THE FOCAL POINT OF CONTACT FOR ALL ENTITIES OUTSIDE NATO COOPERATING WITH NATO IN STANDARDIZATION

“... the NATO
Standardization Agency (NSA) ... in [its]
updated and **extended** role.

An agency which works quietly in the background and
improves with its coordination job the Alliance's efficiency.

The goal:

fostering interoperability.”

found in: NATO's Nations and Partners for Peace **III/2007**
written by: Manfred Sadlowski