

*DMSMS & Standardization Conference 2011*

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

***NATO Standardization Agency***

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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*



NATO  
+  
OTAN



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# ***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



# *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)**

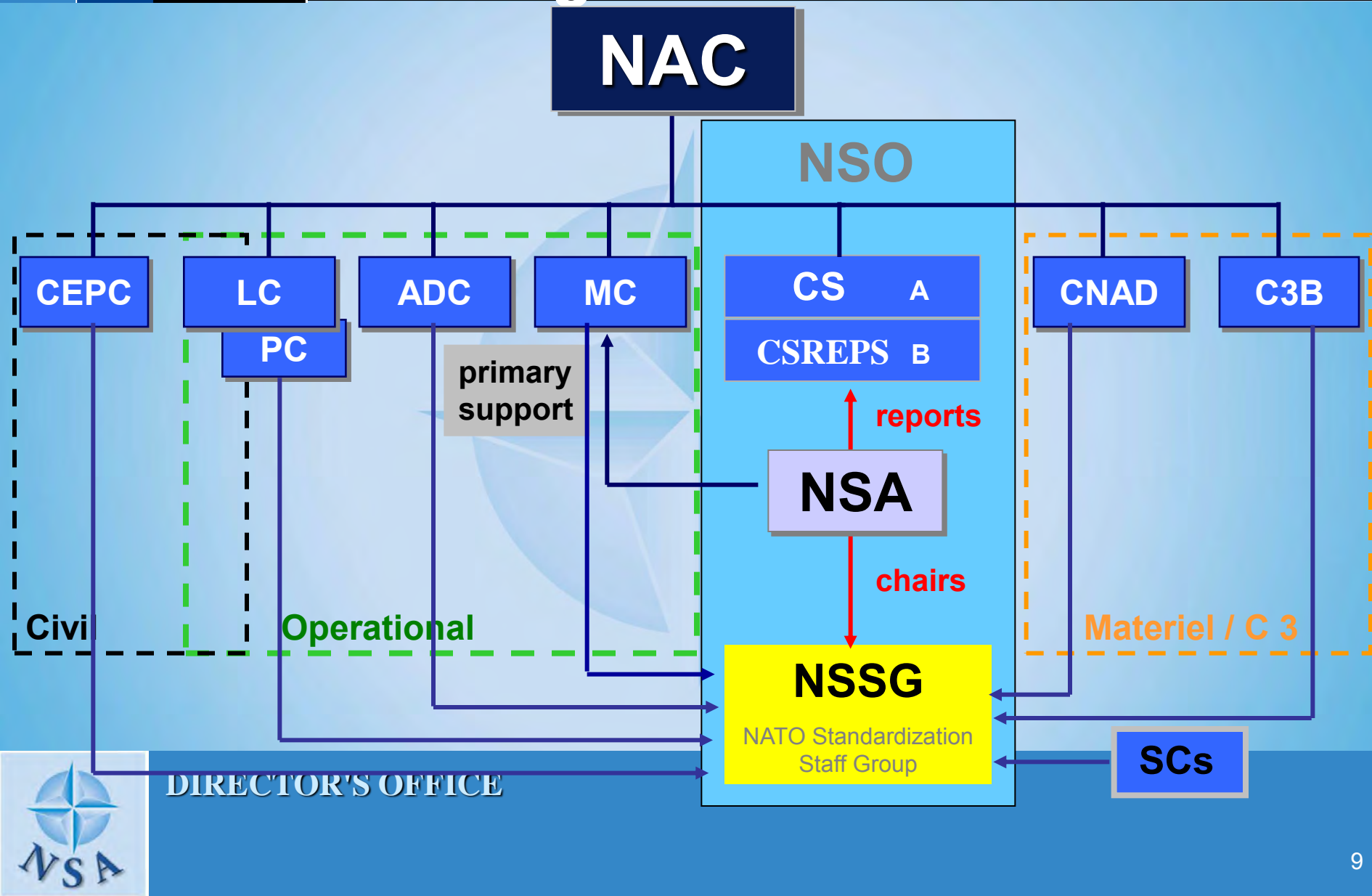




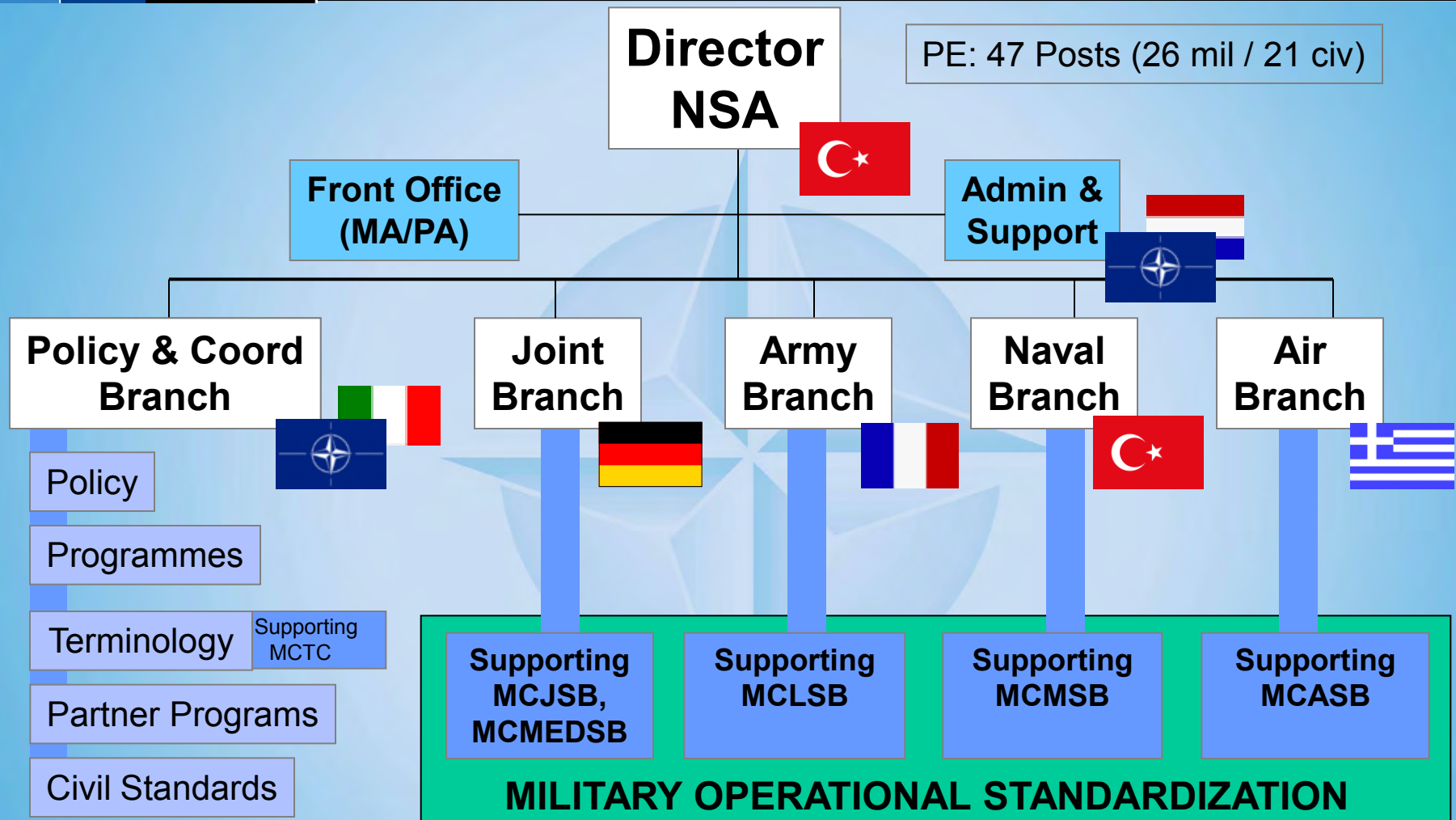


*Be wise -  
Standardize!*

# 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

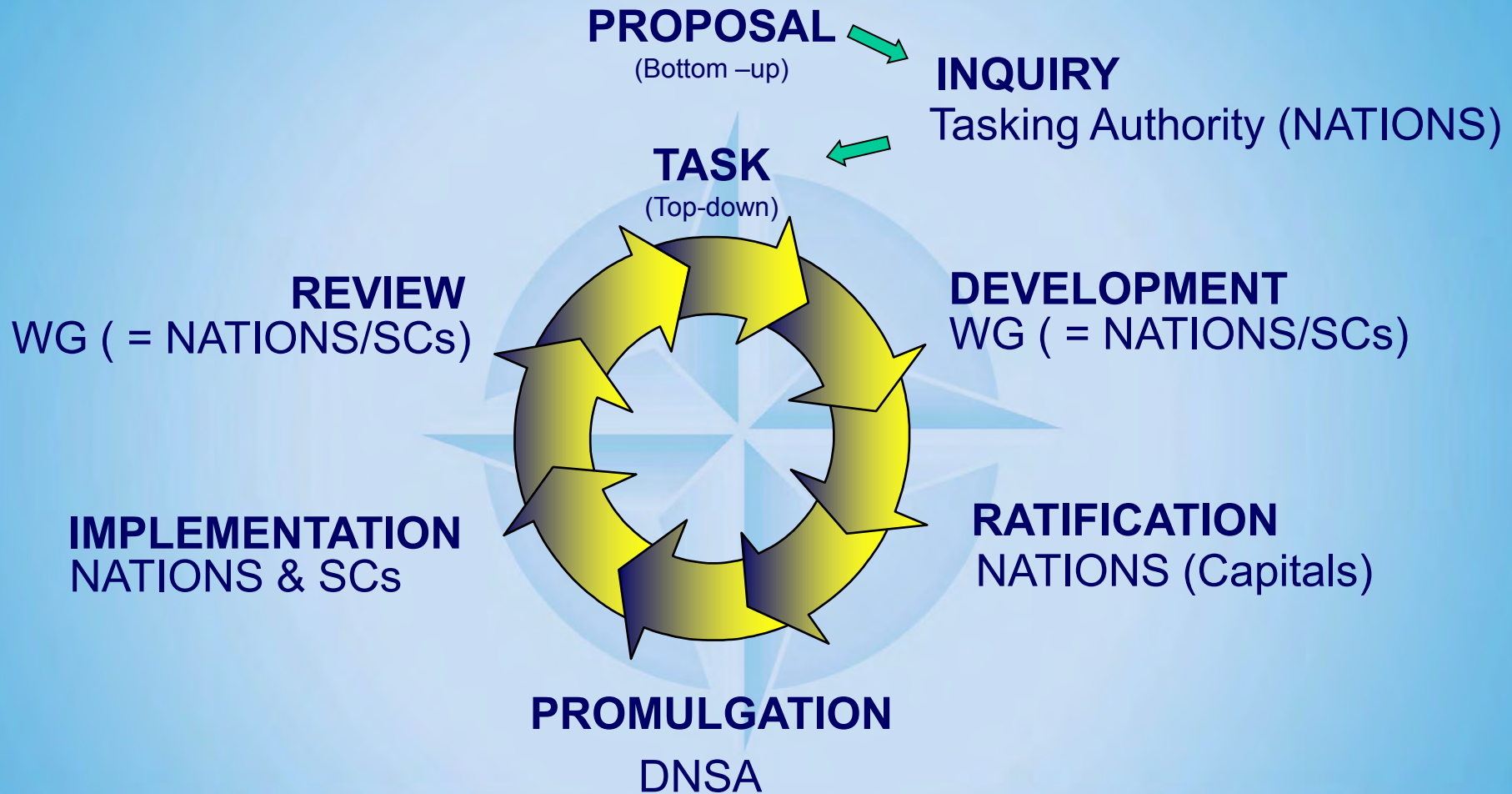
DAILY USE

*Bottom-  
Up  
Process*

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# *Standard Development*



# ***Achievements***



# ***Achievements***

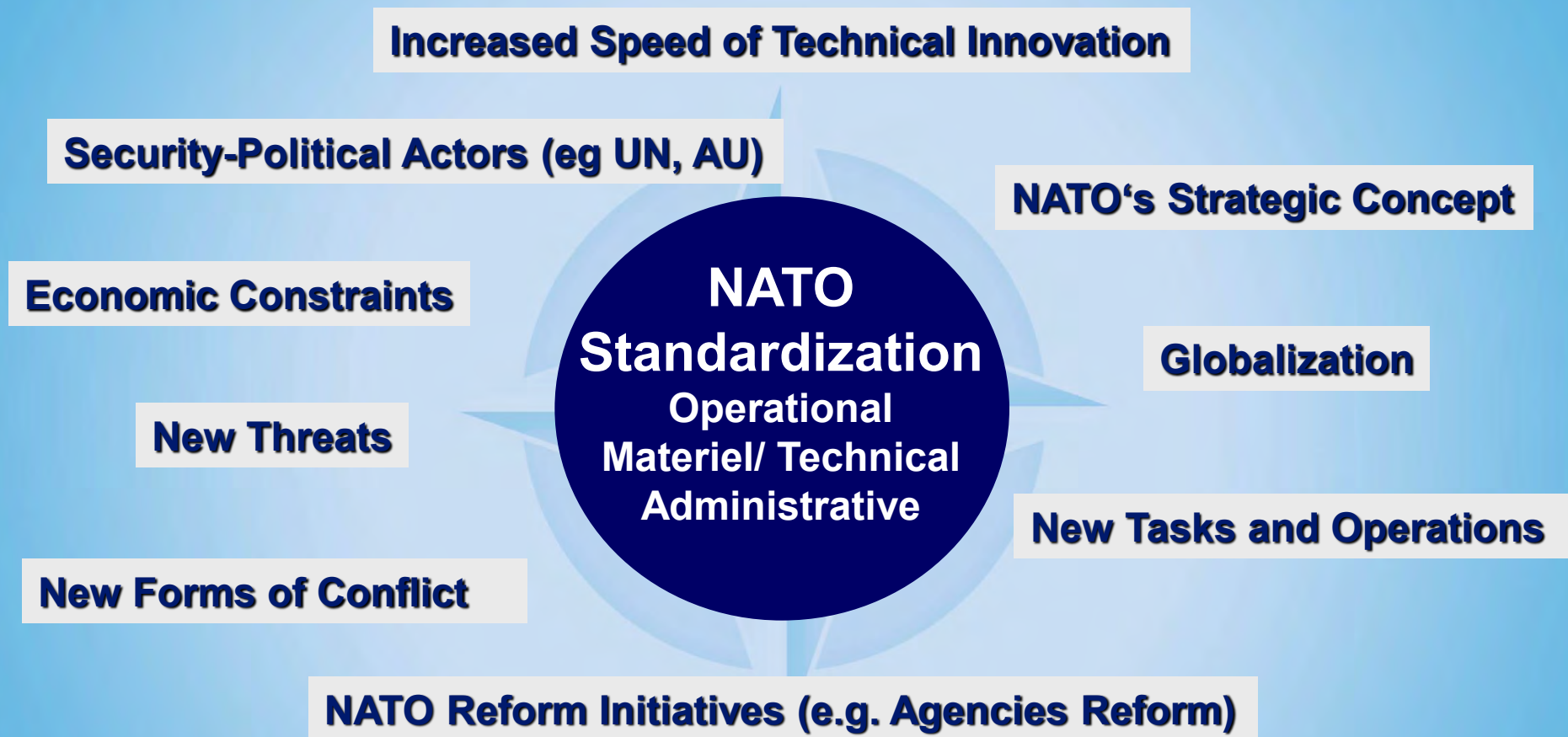
- Creation of more than 2000 STANAGs and APs
- Administration of 8000+ documents in the NATO Standardization Documents Database (NSDD)
- Creation of 10000+ definitions of NATO Terminology and their presentation in the NATO Terminology Database (NTDB), and in the NATO Terminology Management System (NTMS)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

**60 YEARS FOSTERING INTEROPERABILITY**  
of NATO Forces and their Partners

# Civil Standards Organisations



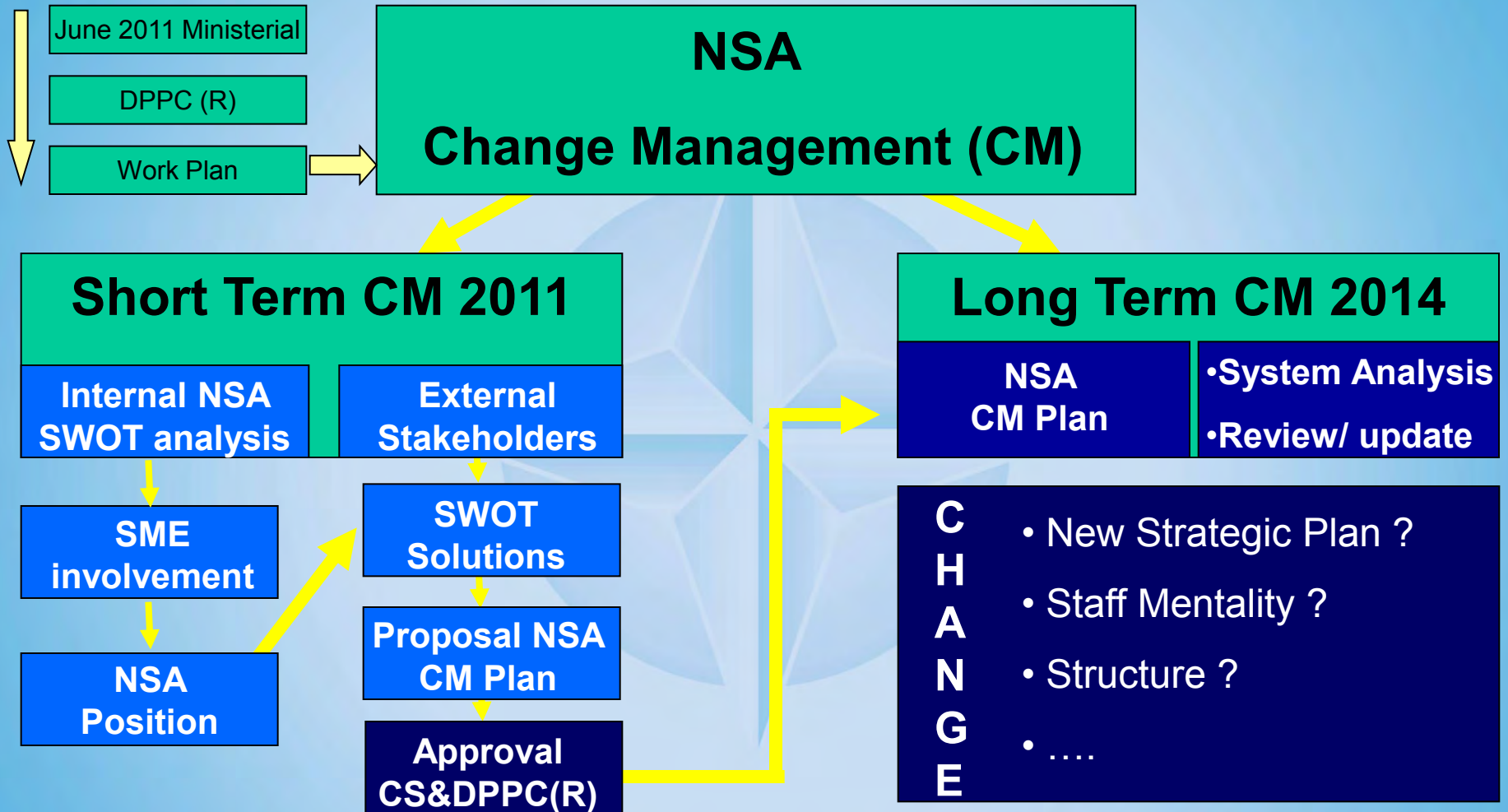




# ***NATO Agencies Reform – Milestones-***



# Way ahead for NSA Reform



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# *Where we are...*

- **SWOT Analysis**

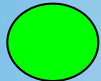
July 2011



- 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