



Standardization and the NATO Defence Planning Process (NDPP)



Standardization within NATO Course

MUT - Warsaw, 17 Sep 2025

Captain (ret.) Nikolaos Myriounis GRC - N

nikolaos_myriounis@defstand.com

<https://www.defstand.com/>

Outline

- Introduction to NDPP
- NDPP Steps and Products
- Standardization in the NDPP
- Standardization Actions in each NDPP Step
- GRC Defence Planning Standardization Model
- Takeaways

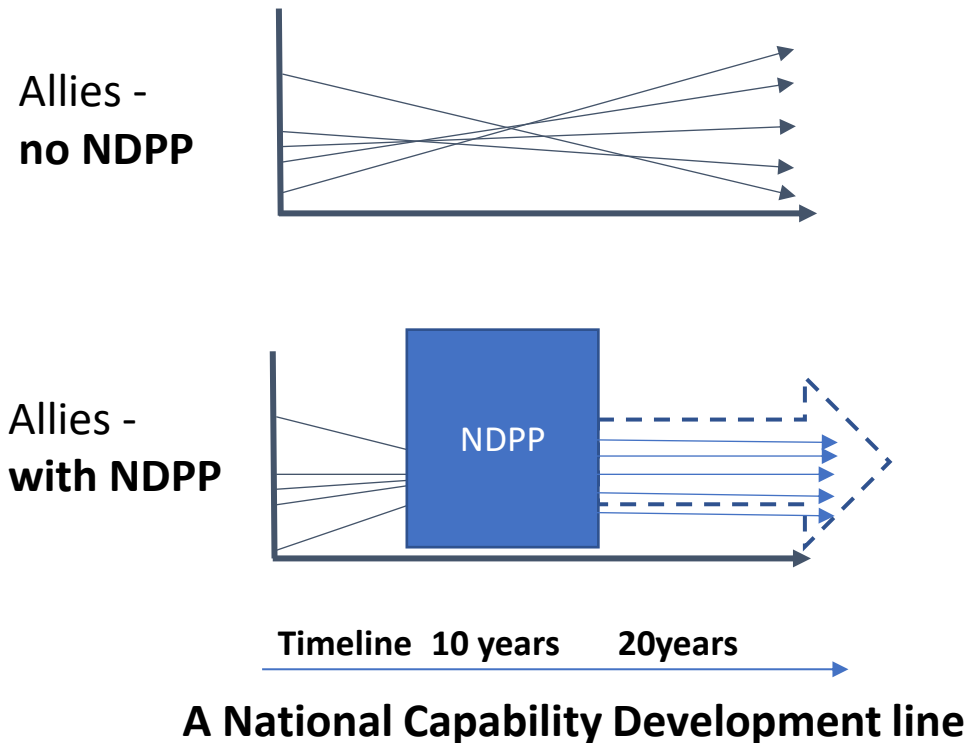


What is the NDPP?

Defence Planning in NATO is a 5 step, quadrennial process which **drives Allies to allocate or develop and deliver**, when required, **forces with the required interoperable capabilities and readiness to ensure** that the Alliance successfully achieves **its level of ambition.**



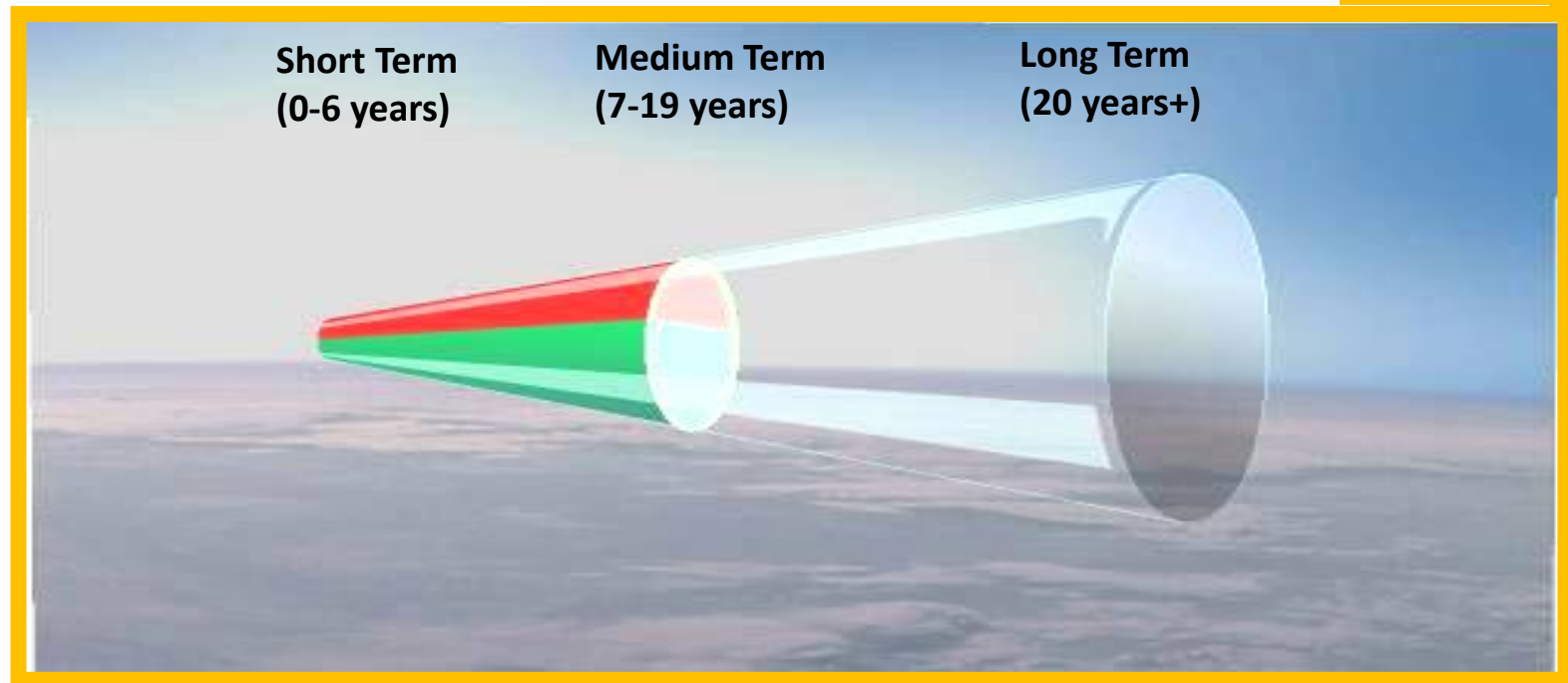
Aim/Purpose of the NDPP



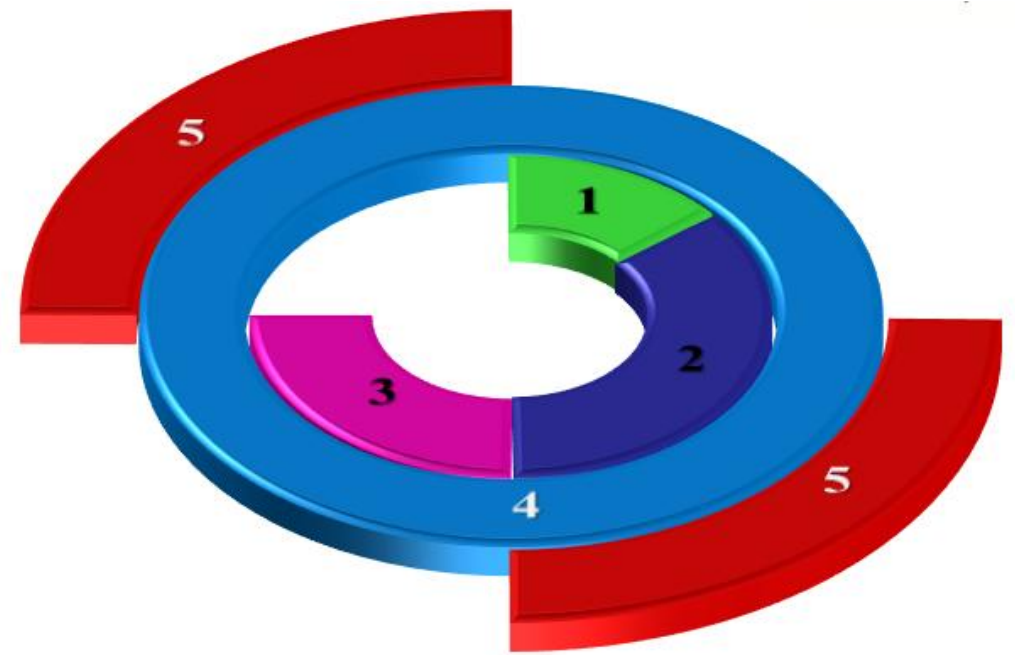
- To **provide a common framework** for national and Alliance defence planning activities
- To **harmonize** national and Alliance defence planning activities to meet NATO agreed targets
- To **facilitate the timely identification, development and delivery** of military and non-military capabilities
- To **ensure that national contributions are interoperable** and adequately prepared, equipped, trained and supported

NDPP Time Consortium

NDPP targets formally covers the **short-term (0-6 years)** and the **medium-term (7- 19 years)**



NDPP: A Constantly Running Cycle



1. Establish Guidance

2. Determine Requirements

**3. Set Targets;
Apportion
Requirements**

**4. Facilitate
Implementation**

5. Review Results



NDPP Steps and Products

Standardization in the NDPP

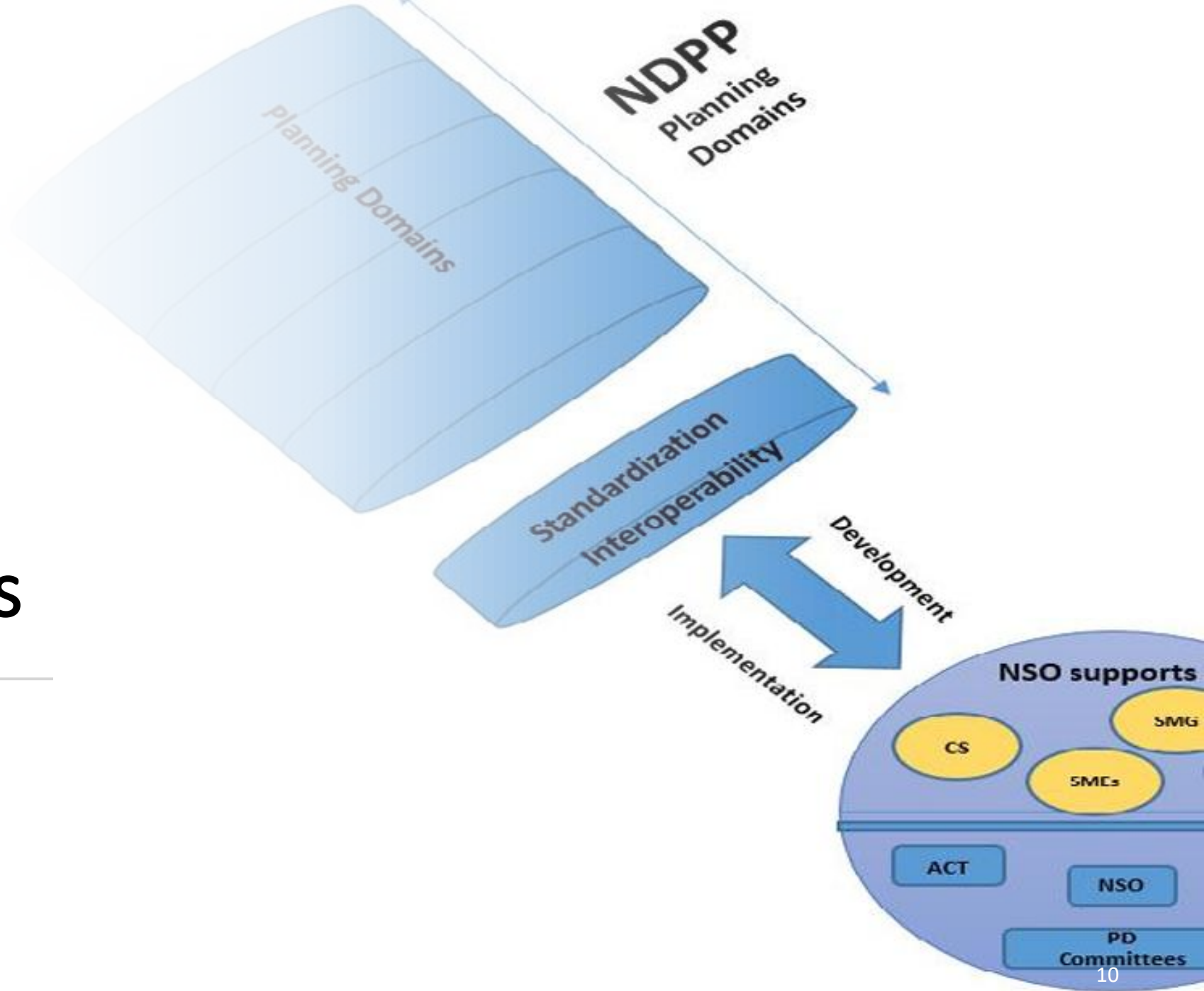
- **Standardization and Interoperability one of 14 planning domains** contributing to the various stands of capability development through the NDPP
- **NDPP Outline Model:** 'NATO staffs will facilitate the development and implementation by Allies of agreed common standards (e.g. STANAGs and Allied Publications)'
- **More focus on interoperability and standardization** due to increased multinationality of high-readiness tactical forces
- **Use of NDPP as tool to encourage Allies to improve national implementation of standards**





NATO Defence Planning Core Disciplines

The place of standardization in the wider NATO Defence Planning Process



QUESTIONS

FOUND IN GOOGLE AUTOCOMPLETE

WHY IS SEA SALT BETTER

WHY ARE THERE TREES IN THE MIDDLE OF FIELDS
WHY IS THERE NOT A POKEMON MMO
WHY IS THERE LAUGHING IN TV SHOWS
WHY ARE THERE DOORS ON THE FREEWAY
WHY ARE THERE SO MANY SUCHOSTEIXE RUNNING
WHY AREN'T THERE ANY COUNTRIES IN ANTARCTICA
WHY ARE THERE SCARY SOUNDS IN MINECRAFT
WHY IS THERE KICKING IN MY STOMACH
WHY ARE THERE TWO SLASHES AFTER HTTP

WHY ARE THERE CELEBRITIES

WHY DO SNAKES EXIST

WHY DO OYSTERS HAVE PEARLS

WHY ARE DUCKS CALLED DUCKS

WHY DO THEY CALL IT THE CLAP

WHY ARE KYLE AND CARTMAN FRIENDS

WHY IS THERE AN ARROW ON AANG'S HEAD

WHY ARE TEXT MESSAGES BLUE

WHY ARE THERE MUSTACHES ON CLOTHES

WHY ARE THERE MUSTACHES ON CARS

WHY ARE THERE MUSTACHES EVERYWHERE

WHY ARE THERE SO MANY BIRDS IN OHIO

WHY IS THERE SO MUCH RAIN IN OHIO

WHY IS OHIO WEATHER SO WEIRD

WHY ARE THERE MALE AND FEMALE BIKES

WHY ARE THERE BRIDESMAIDS

WHY DO DYING PEOPLE REIGN UP

WHY AREN'T THERE UNICORNS ANYMORE

WHY ARE OLD FURNINGS DIFFERENT

WHY ARE THERE
SQUIRRELS



WHY DO IGUANAS DIE

WHY ARE THERE DINOSAUR GHOSTS

WHY ARE THERE DINOSAUR GHOSTS

WHY ARE THERE DINOSAUR GHOSTS

WHY ARE THERE DINOSAUR GHOSTS

WHY ARE THERE DINOSAUR GHOSTS

WHY ARE THERE DINOSAUR GHOSTS

WHY ARE THERE DINOSAUR GHOSTS

WHY ARE THERE DINOSAUR GHOSTS

WHY ARE THERE DINOSAUR GHOSTS

WHY ARE THERE DINOSAUR GHOSTS

WHY ARE THERE DINOSAUR GHOSTS

WHY ARE THERE DINOSAUR GHOSTS

WHY ARE THERE DINOSAUR GHOSTS

WHY ARE THERE DINOSAUR GHOSTS

WHY ARE THERE DINOSAUR GHOSTS

WHY ARE THERE DINOSAUR GHOSTS

WHY ARE THERE DINOSAUR GHOSTS

WHY ARE THERE DINOSAUR GHOSTS

WHY ARE THERE DINOSAUR GHOSTS

WHY ARE THERE DINOSAUR GHOSTS

WHY ARE THERE DINOSAUR GHOSTS

WHY AREN'T ECONOMISTS RICH

WHY DO AMERICANS CALL IT SOCCER

WHY ARE MY EARS RINGING

WHY ARE THERE SO MANY AVENGERS

WHY ARE THE AVENGERS FIGHTING THE X MEN

WHY IS WOLVERINE NOT IN THE AVENGERS

WHY ARE THERE ANTS IN MY LAPTOP

WHY ARE THERE ANTS IN MY LAPTOP

WHY ARE THERE ANTS IN MY LAPTOP

WHY ARE THERE ANTS IN MY LAPTOP

WHY ARE THERE ANTS IN MY LAPTOP

WHY ARE THERE ANTS IN MY LAPTOP

WHY ARE THERE ANTS IN MY LAPTOP

WHY ARE THERE ANTS IN MY LAPTOP

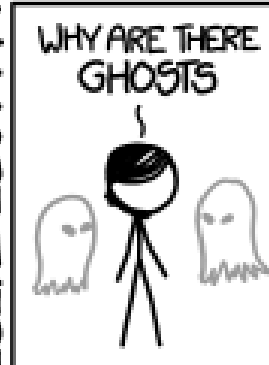
WHY ARE THERE ANTS IN MY LAPTOP

WHY ARE THERE ANTS IN MY LAPTOP

WHY ARE THERE ANTS IN MY LAPTOP

WHY ARE THERE ANTS IN MY LAPTOP

WHY ARE THERE ANTS IN MY LAPTOP



WHY ARE THERE
GHOSTS

WHY ARE THERE GHOSTS

WHY ARE THERE GHOSTS

WHY ARE THERE GHOSTS

WHY ARE THERE GHOSTS

WHY ARE THERE GHOSTS

WHY ARE THERE SURFIS OF DAVIS

WHY IS THERE PHLEGM

WHY ARE THERE SO MANY CROWS IN ROCHESTER,

WHY IS PSYCHIC WEAK TO BUG

WHY DO CHILDREN GET CANCER

WHY IS POSEIDON ANGRY WITH ODYSSEUS

WHY IS THERE ICE IN SPACE

WHY IS THERE AN OWL IN MY BACKYARD

WHY IS THERE AN OWL OUTSIDE MY WINDOW

WHY IS THERE AN OWL ON THE DOLLAR BILL

WHY DO OWLS ATTACK PEOPLE

WHY ARE AK 47s SO EXPENSIVE

WHY ARE THERE HELICOPTERS CIRCLING MY HOUSE

WHY ARE THERE GODS

WHY ARE THERE TWO SPOOKS

WHY ARE MY BOOBS ITCHY

WHY ARE CIGARETTES LEGAL

WHY ARE THERE DUCKS IN MY POOL

WHY IS JESUS WHITE

WHY IS THERE LIQUID IN MY EAR

WHY DO Q TIPS FEEL GOOD

WHY DO Q TIPS FEEL GOOD

WHY IS HTTPS IMPORTANT



WHY ARE THERE WEEDS

WHY DO I FEEL DIZZY

WHY ARE THERE WEEDS

WHY DO I FEEL DIZZY

WHY ARE THERE WEEDS

WHY DO I FEEL DIZZY

WHY ARE THERE WEEDS

WHY DO I FEEL DIZZY

WHY ARE THERE WEEDS

WHY DO I FEEL DIZZY

WHY ARE THERE WEEDS

WHY DO I FEEL DIZZY

WHY ARE THERE WEEDS

WHY DO I FEEL DIZZY

WHY ARE THERE WEEDS

WHY DO I FEEL DIZZY

WHY ARE THERE WEEDS

WHY DO I FEEL DIZZY

WHY ARE THERE WEEDS

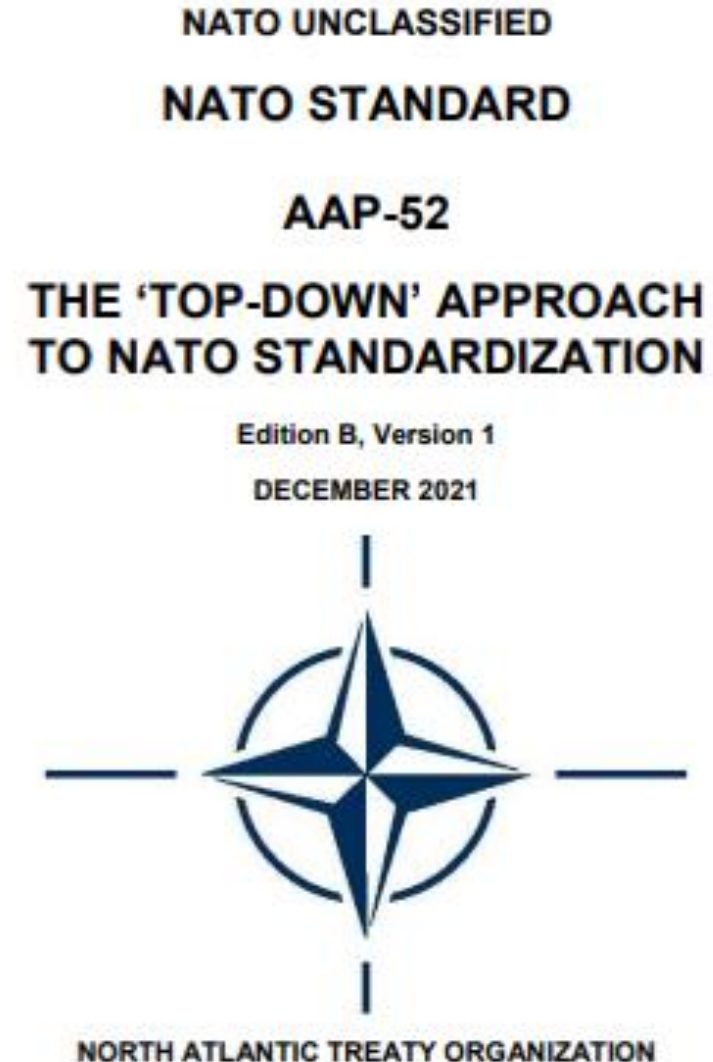
WHY DO I FEEL DIZZY

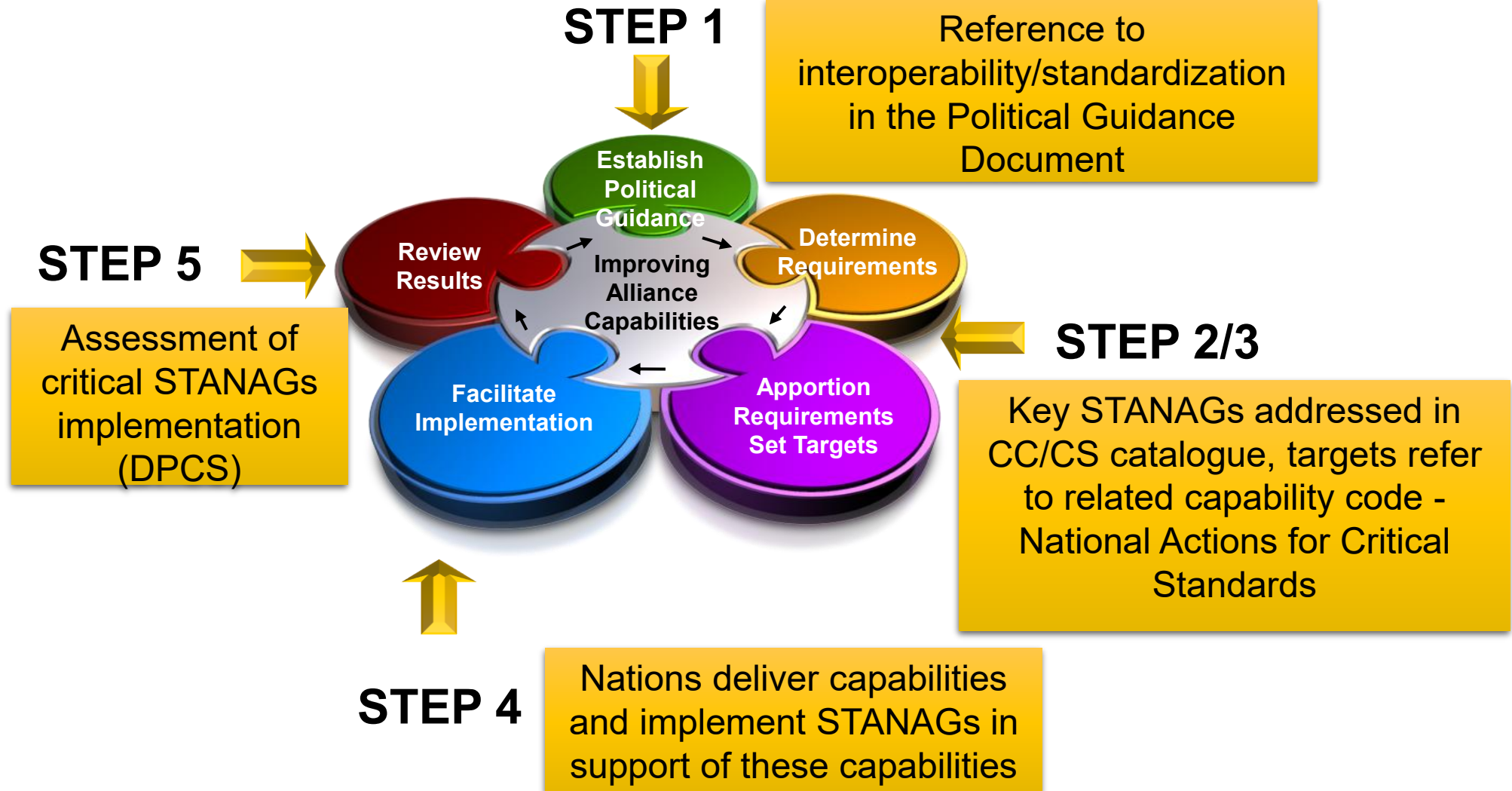
WHY ARE THERE WEEDS

WHY ARE DOGS AFRAID OF
WHY IS THERE NO KING IN

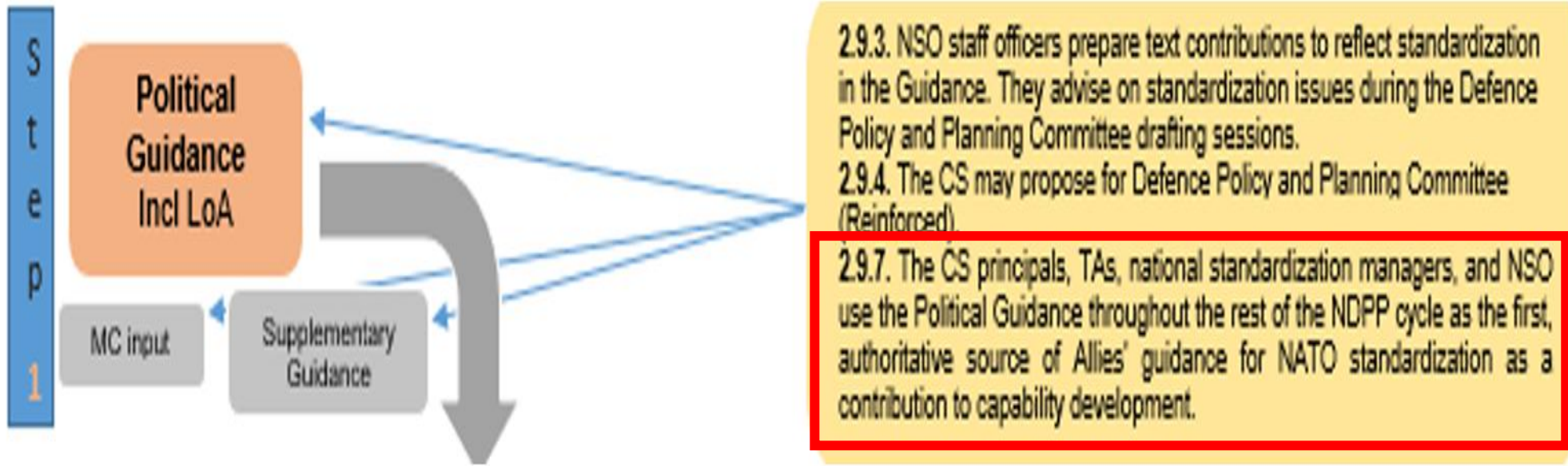
Standardization in the NDPP / AAP-52

- **Provides detailed Guidance** on:
 - **The integration of Standardization within the phases** of the NATO Defence Planning Process (NDDP), and
 - **The Roles / Responsibilities of NATO and National Standardization Managers** in each NDPP Phase

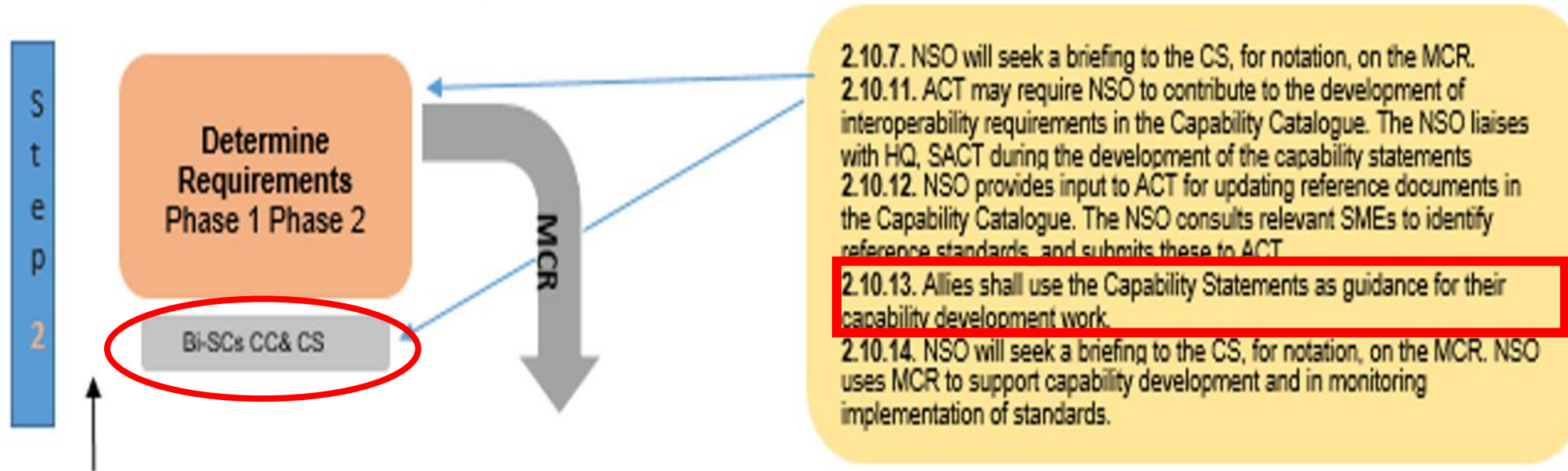




AAP-52 at a Glance



Step 1: Responsibilities of the Standardization community



Step 2: Responsibilities of the Standardization community

SUSTAIN (S)

Ground Transport (S.4.1)

Capability Code: TPT-P-COY

Capability Name: POL Transport Company

Reference Docs: AJP-4; AJP-4.4; AJP-4.6; AFLP-07; STANAG 3756; AJP-4.7; ALP-4.2; AMovP-06; AEP-3.12.1.5

Linkage to previous cycle: TPT-P-COY

CAPSTONE CAPABILITY STATEMENT

1.01 Capable of executing the land transportation of bulk fuel throughout the theatre transportation network.

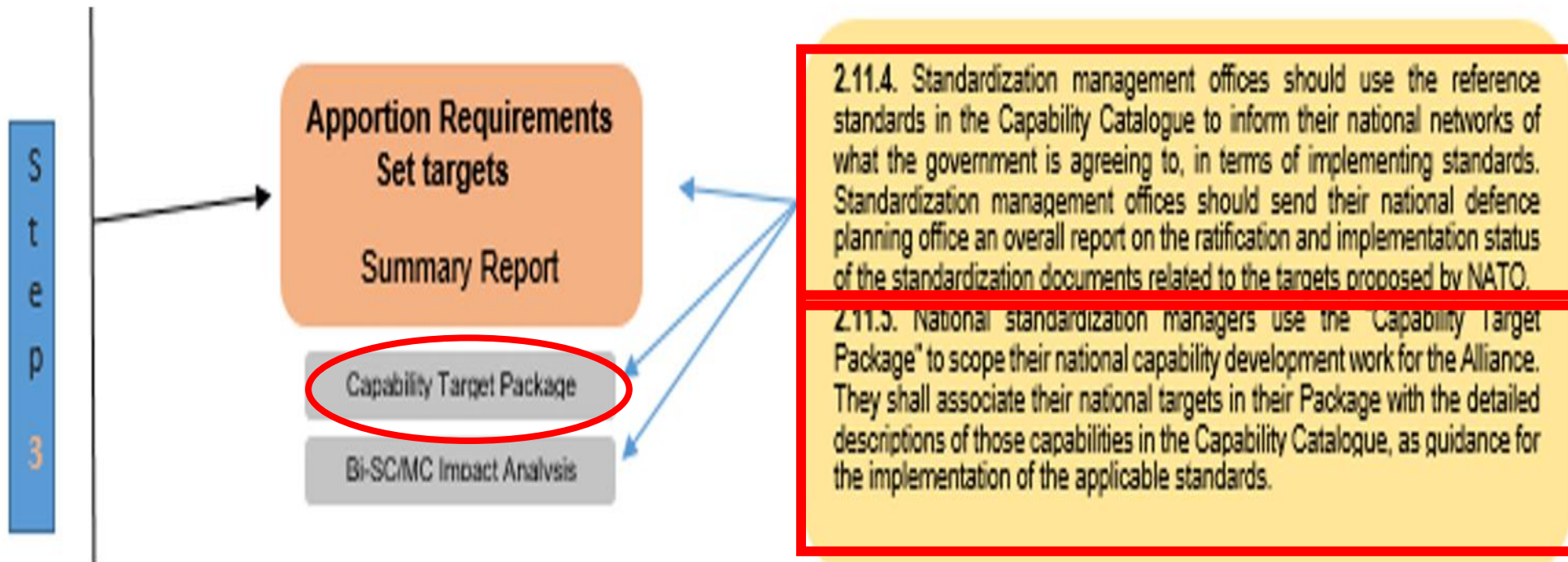
PRINCIPAL CAPABILITY STATEMENT

- 2.01** Capable of transporting 500 cubic metres of bulk fuel 300 km per day.
- 2.02** Capable of receiving and issuing bulk fuel by means of the STANAG 3756 coupling or authorised adaptor as necessary.
- 2.03** Capable of operating on paved and unpaved roads.

ENABLING CAPABILITY STATEMENT

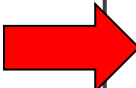
- 3.01** Capable of contributing to the Recognised Logistics Picture (RLP) by asset tracking using standard NATO automatic information systems.

**Standards in
Support of
Capabilities
(CC/CS Catalogue,
Example)**



Step 3: Responsibilities of the Standardization community

L 5301 N: TACTICAL COMMUNICATIONS CAPABILITIES FOR DEPLOYABLE LAND FORCES



Target Number:	L 5301 N
Title:	TACTICAL COMMUNICATIONS CAPABILITIES FOR DEPLOYABLE LAND FORCES
Related Capability Codes:	INF-M-BDE; INF-L-ABN-BDE
Target issued to:	

Target 2017:

Requirement:

Ensure rapid, secure, reliable and survivable information sharing, all deployable land formations assigned to NATO are to have the capability to communicate at the tactical level both in national and multinational formations. Nations are to develop and maintain interoperable tactical communication and information systems (CIS) for individual, platform and command post to Deployable Land Forces to support secure communications, both voice and data, at the tactical level.

Short-Term (0-6 yrs):

1. By the beginning of 2018, introduce an individual, platform and command post Tactical CIS interoperable with NATO Force Structure (NFS) elements, capable of :
 - a. Tactical communication on common agreed VHF and UHF waveform to support deployed forces in compliance with STANAGs 5630, 5631, 5632, 5633, 5634, 4372 and 5048.
 - b. Integrating with Land Command and Control Information Services (LC2IS) to all NFS tactical level HQs;
 - c. Integrating with a Friendly Force Identifier and Track (FFIT) system in accordance with STANAG 5527 able to track the lowest tactical units deployed in the theatre of operations and able to exchange

Draft Capabilities Targets (Blue Books) and CC/CS (Example)

S
t
e
p
4

Facilitate implementation
Continuous step

! Nations shall report implementation of standards (reflected in NSDD)

2.12.7. The NSO compares Nations' reporting on their implementation of NATO standards to relevant reports of operations, exercises, evaluations, training.

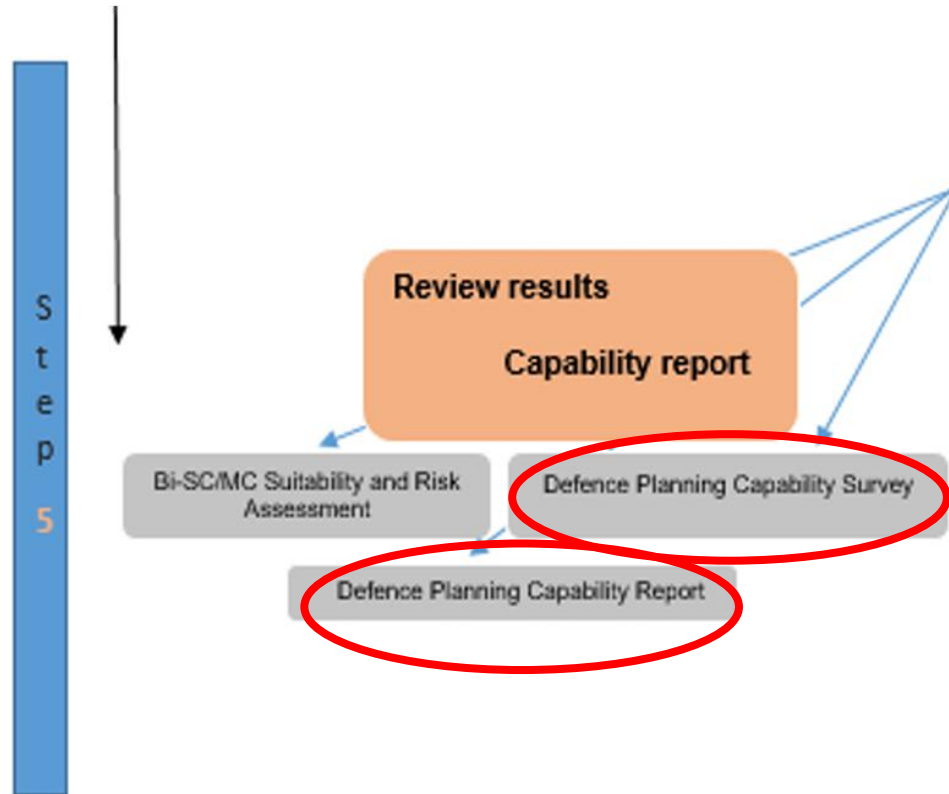
2.12.8. Allies educate and encourage their custodians and representatives in TAs/DTAs/Working Groups to develop implementation paragraphs in their STANAGs.

2.12.14. The NSO assists Allies with capacity development by providing input on the work conducted in military, operational standardization to the capability roadmaps.

2.12.20. NSO/TAs/DTAs shall respond to requests and assist in connecting national SMEs to NATO staffs to contribute to Step 4 actions.

2.12.21. SMEs on specific NATO standards should advise and support national project managers for the capabilities to which those standards apply.

Step 4: Responsibilities of the Standardization community



2.13.4. NSO contributes to the Survey by submitting a number of specific questions regarding the implementation status of selected critical standards NATO IS-DPP.

2.13.7. National standardization managers provide inputs to and maintain awareness of their national responses to standardization questions in the Survey.

2.13.10. NSO participates in the conduct of the initial scan analysis of national answers, and provides their analysis to IS-DPP and the respective Ally.

2.13.14. The CS will consider updates and recommendations from the NSO on national standardization content within the Survey responses.

2.13.17. NSO provides coordinated inputs on standardization issues to the drafting of the SRA.

2.13.21. CS will use the SRA as advice in its work in support of critical capability delivery for the Alliance, supported by the SMG.

2.13.26. NSO shall use Council-approved DPPs as the focus on DNSO advice to NATO standardization TAs.

2.13.30. CS may advise the DPPC on any documented standardization shortfalls to be considered in drafting the Capability Report.

2.13.32. National standardization SMEs shall use the Council-approved DPPs as guidance for their capability development work.

2.13.33. CS will use the Council-approved Defence Planning Priorities in its work in support of critical capability delivery for the Alliance.

Step 5: Responsibilities of the Standardization community

Standards Related Questions in DPCS (Example)

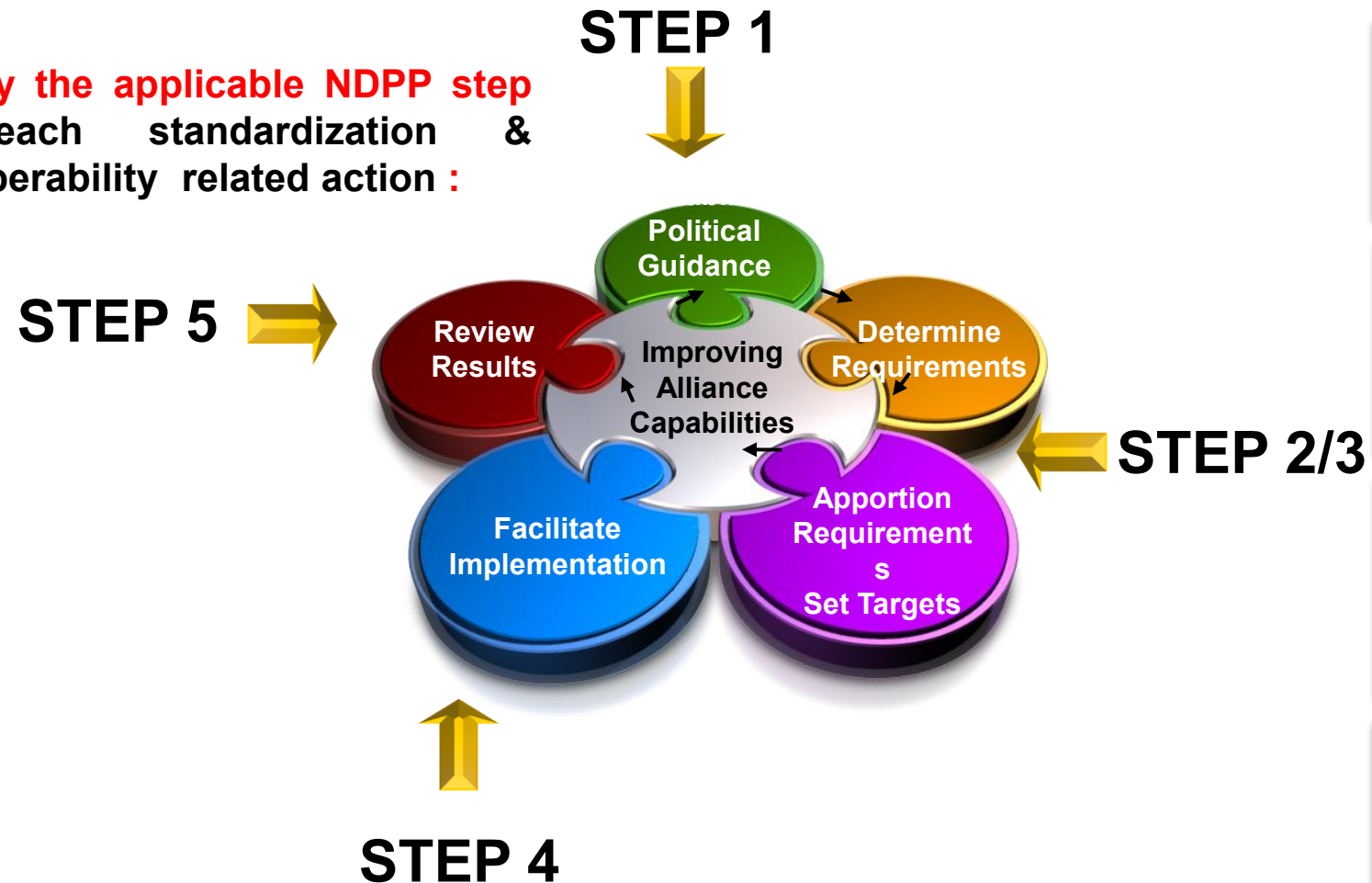
- **Question in DPCS 2019:** *“Considering that usability of multinational land manoeuvre formations requires a high level of interoperability, **please specify if your nation has fully implemented the STANAGs and covered standards below. If not, please provide the reasons preventing your nation from full implementation:***
 - STANAG 2288 Ed 2 and AJP-3.2, Allied Joint Doctrine for Land Operations
 - STANAG 2394 Ed 4 and ATP-3.12.1, Land Force Combat Engineer Doctrine
- **Provide specification on how your nation plans to address the implementation of standards mentioned** (detail the **timelines, national caveats, capabilities**)?
- **If standards are not being implemented, what are the reasons?**
What **mitigation measures** is your nation taking if these standards are not being implemented?

GRC Model on Standardization and Defence Planning/ Ministerial Guidance on Defence Planning



- 1. Reference to Interoperability /Standardization**
- 2. Definition of Interoperability /Standardization as a major Defence Planning Discipline**
- 3. Definition of IRS/SRs as part of our Capabilities Targets – Integration of NATO IRs-SRs from Step 2-3 NDPP**
- 4. Definition of NATO Standards (Priority on Critical Standards) as an integral part of all Capabilities Targets and Armaments Implementation Plans**
- 5. Assessment of critical NATO Standards implementation**

Identify the applicable NDPP step for each standardization & interoperability related action :



Nations deliver capabilities and implement STANAGs in support of these capabilities

Assessment of critical STANAGs implementation (DPCS)

Reference to interoperability/standardization in the Political Guidance Document

Key STANAGs addressed in CC/CS catalogue, targets refer to related capability code – National actions for critical standards

Key Takeaways - Test your Knowledge

QUESTIONS

FOUND IN GOOGLE AUTOCOMPLETE

WHY IS HTTPS IMPORTANT

WHY AREN'T MY ARMS GROWING



WHY ARE THERE WEEKS IN A YEAR
WHY DO I FEEL DIZZY

WHY ARE THERE SURFIS OF DAVIS
WHY IS THERE PHLEGM
WHY ARE THERE SO MANY CROWS IN ROCHESTER,
WHY ARE THERE LAVA
WHY IS THERE ICE IN SPACE

WHY AREN'T ECONOMISTS RICH

WHY DO AMERICANS CALL IT SOCCER

WHY ARE MY EARS RINGING

WHY ARE THERE SO MANY AVENGERS

WHY ARE THE AVENGERS FIGHTING THE X MEN

WHY IS WOLVERINE NOT IN THE AVENGERS

WHY ARE THERE ANTS IN MY LAPTOP

WHY IS EARTH TILTED

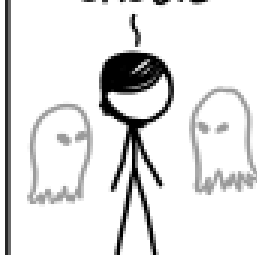
WHY IS SPACE BLACK

WHY IS OUTER SPACE SO COLD

WHY ARE THERE PYRAMIDS ON THE MOON

WHY IS NASA SHUTTING DOWN

WHY ARE THERE GHOSTS



WHY IS THERE AN OWL IN MY BACKYARD

WHY IS THERE AN OWL OUTSIDE MY WINDOW

WHY IS THERE AN OWL ON THE DOLLAR BILL

WHY DO OWLS ATTACK PEOPLE

WHY ARE AK 47s SO EXPENSIVE

WHY ARE THERE HELICOPTERS CIRCLING MY HOUSE

WHY ARE THERE GODS

WHY ARE THERE TWO SPOOKS

WHY IS MT VESUVIUS THERE

WHY DO THEY SAY T MINUS

WHY ARE MY BOOBS ITCHY

WHY ARE CIGARETTES LEGAL

WHY ARE THERE DUCKS IN MY POOL

WHY IS JESUS WHITE

WHY IS THERE LIQUID IN MY EAR

WHY DO Q TIPS FEEL GOOD

WHY DO GOOD PEOPLE DIE

WHY ARE DOGS AFRAID OF
WHY IS THERE NO KING IN

WHY IS SEA SALT BETTER

WHY ARE THERE TREES IN THE MIDDLE OF FIELDS

WHY IS THERE NOT A POKEMON MMO

WHY IS THERE LAUGHING IN TV SHOWS

WHY ARE THERE DOORS ON THE FREEWAY

WHY ARE THERE SO MANY SUCHOSTEIXE RUNNING

WHY AREN'T THERE ANY COUNTRIES IN ANTARCTICA

WHY ARE THERE SCARY SOUNDS IN MINECRAFT

WHY IS THERE KICKING IN MY STOMACH

WHY ARE THERE TWO SLASHES AFTER HTTP

WHY ARE THERE CELEBRITIES

WHY DO SNAKES EXIST

WHY DO OYSTERS HAVE PEARLS

WHY ARE DUCKS CALLED DUCKS

WHY DO THEY CALL IT THE CLAP

WHY ARE KYLE AND CARTMAN FRIENDS

WHY IS THERE AN ARROW ON AANG'S HEAD

WHY ARE TEXT MESSAGES BLUE

WHY ARE THERE MUSTACHES ON CLOTHES

WHY ARE THERE MUSTACHES ON CARS

WHY ARE THERE MUSTACHES EVERYWHERE

WHY ARE THERE SO MANY BIRDS IN OHIO

WHY IS THERE SO MUCH RAIN IN OHIO

WHY IS OHIO WEATHER SO WEIRD

WHY ARE THERE MALE AND FEMALE BIKES

WHY ARE THERE BRIDESMAIDS

WHY DO DYING PEOPLE REIGN UP

WHY AREN'T THERE UNACCOES, ABERNIES

WHY ARE OLD FUMONGS DIFFERENT

WHY ARE THERE SQUIRRELS



WHY ARE THERE TINY SPIDERS IN MY HOUSE

WHY DO SPIDERS COME INSIDE

WHY ARE THERE HUGE SPIDERS IN MY HOUSE

WHY ARE THERE LOTS OF SPIDERS IN MY HOUSE

WHY ARE THERE SPIDERS IN MY ROOM

WHY ARE THERE SO MANY SPIDERS IN MY ROOM

WHY DO SPIDER BITES ITCH

WHY DO IGUANAS DIE
WHY ARE THERE DINOSAUR GHOSTS

WHY ARE THERE FEEL



Standardization and the NATO Defence Planning Process (NDPP)



Standardization within NATO Course

MUT - Warsaw, 17 Sep 2025

Captain (ret.) Nikolaos Myriounis GRC - N

nikolaos_myriounis@defstand.com

<https://www.defstand.com/>