

Supreme  
Allied  
Commander  
Transformation



# Long Term Military Transformation SFA/FFAO and Regional Perspectives

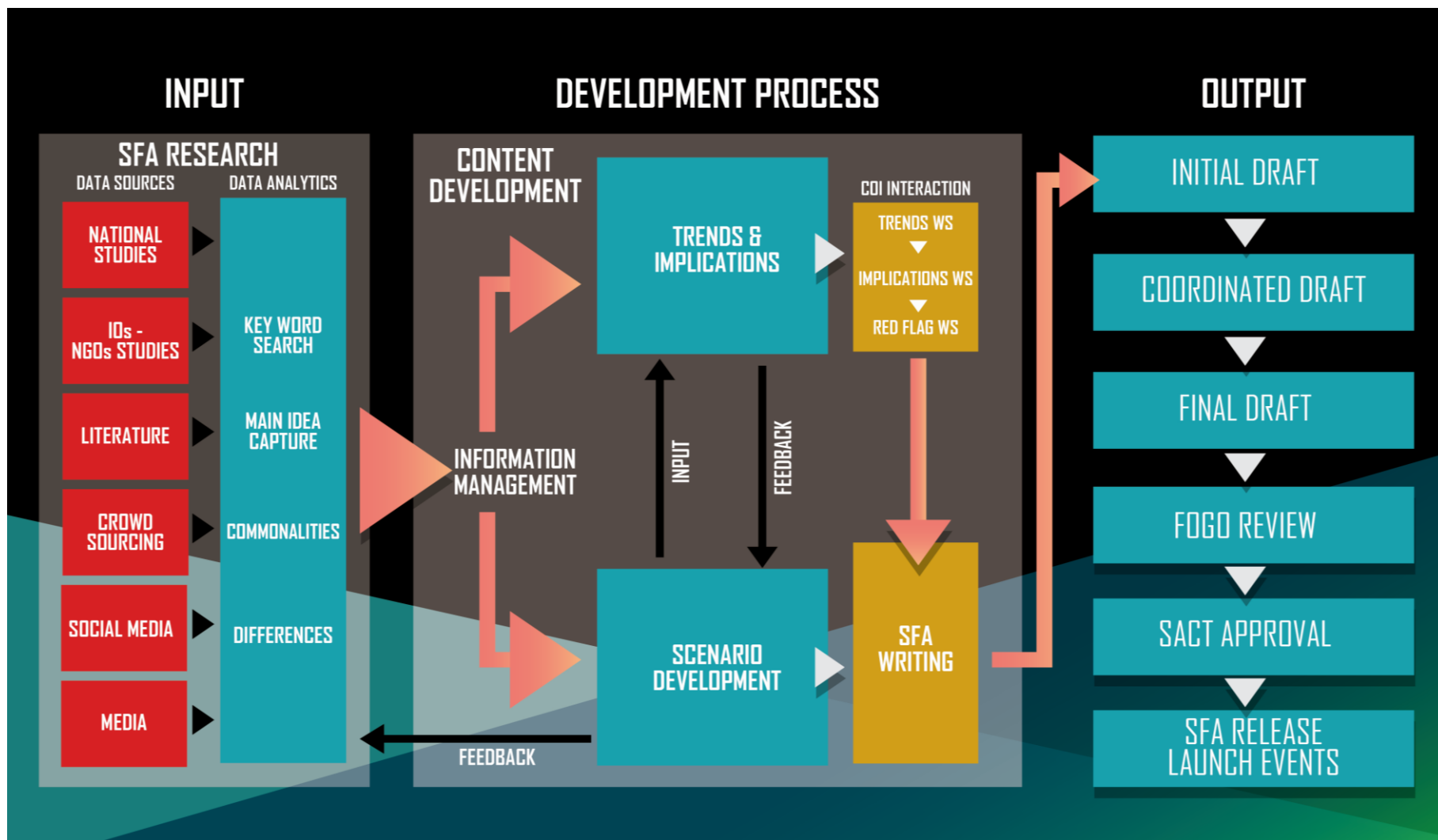
SACT SPP SF Branch  
Col. Tibor SZABO branch head

# Understanding Security Challenges



## TO IDENTIFY, ANALYZE, AND ADDRESS FUTURE CHALLENGES AND OPPORTUNITIES, OUR WORK

- DRAWS UPON THE PAST
- INFORMS THE PRESENT
- PROVIDES A LONG-TERM TRAJECTORY



Technology Test Report; Regional Reports (MENA, Arctic, Russia, Asia Pacific)

## Our proposal to the Nations to inform:

- Strategic Discussion
- White Papers
- Alignment of National Defence Plans
- NATO Defence Planning
- Capability Development
- Concept Development
- Regional Perspectives
- Doctrine, Training, Exercises, Leadership, Education



Bi-SCs' best military advice on the long-term military transformation.

*"You cannot escape the responsibility of tomorrow by evading it today."*

Abraham Lincoln

Supreme  
Allied  
Commander  
Transformation



# Long Term Military Transformation SFA/FFAO and Regional Perspectives

SACT SPP SF Branch  
Mr. KINACI, SFA Team Lead &  
LTC PLEIJSANT, FFAO Team Lead

# Long-Term Military Transformation

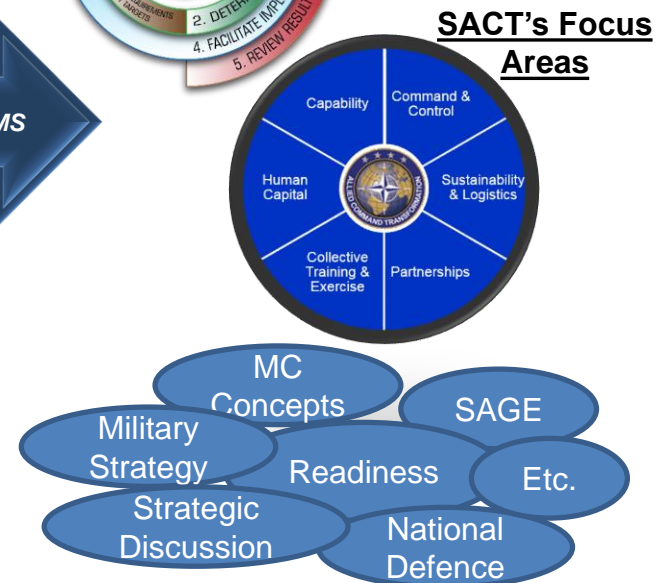
**SFA: Based on the *trends*, what is the future like?**



**FFAO: The military “So What” What *abilities* will NATO military forces require in the future?**

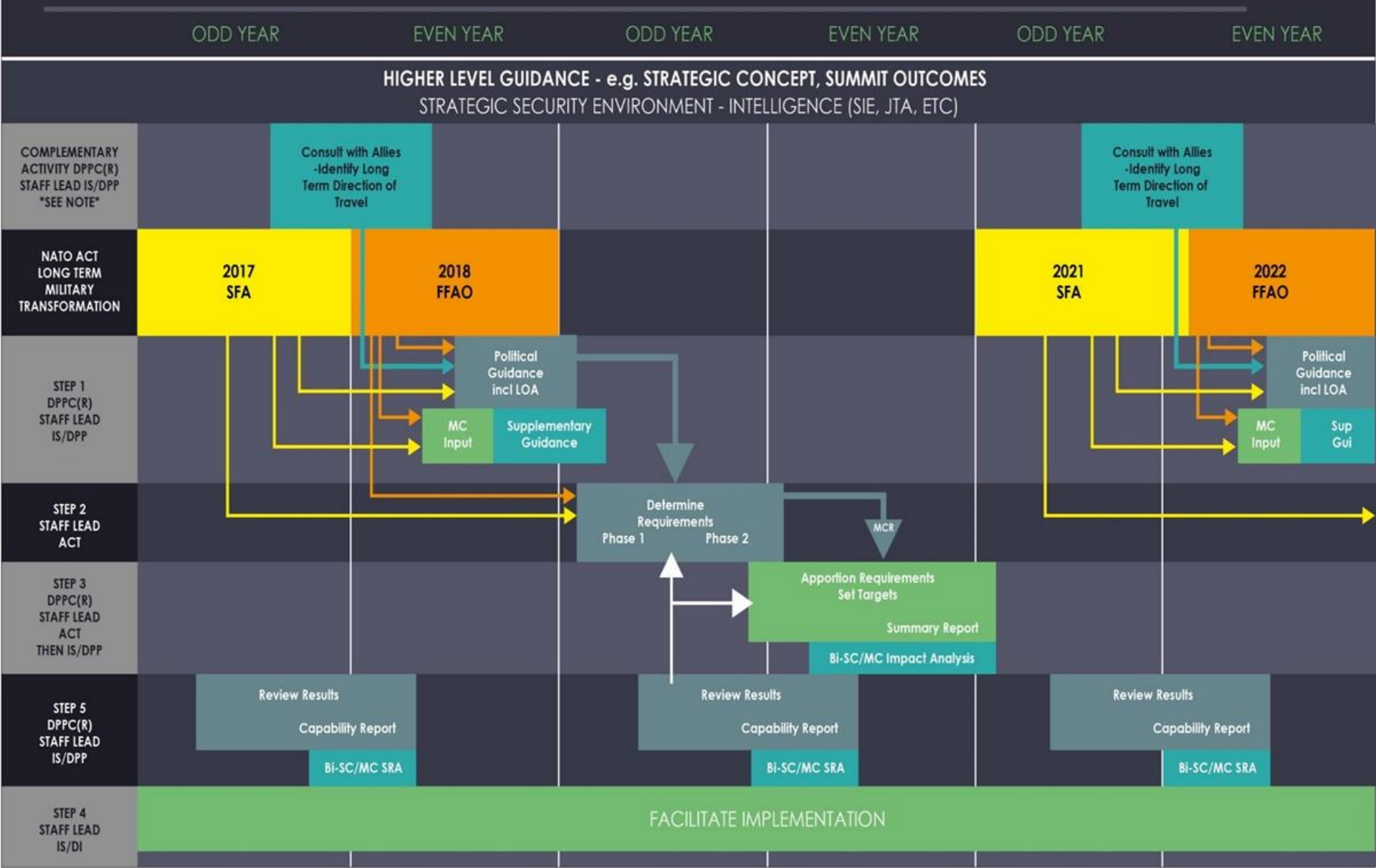


**What *capabilities* will NATO military forces require in the future?**



- A common understanding of the future and its military implications at 29 nations;
- Part of **WARFARE DEVELOPMENT**, SACT-SACEUR's strategic **BEST MILITARY ADVICE**;
- MCM-0199-2015 - PO(2015)0624 - Military Committee Advice on Utilisation of the FFAO.

## THE NATO DEFENCE PLANNING PROCESS ↗



## TRENDS, SECURITY IMPLICATIONS, SHARED and COMMON UNDERSTANDING (2013, 2015 Update, 2017)



The confluence of **political, social, technological, economic,** and **environmental** trends are redefining the global security context:

- The world is transforming at an exponential rate
- The confluence of trends resulting in complexity, disorder and uncertainty
- Rapid changes are driven by technology and interconnectedness
- Growing inequalities brought on by globalization will continue to undermine Western cohesion
- Global power shift continues toward multi-polarity
- Nationalist reactions are growing
- Polarization
- Ageing populations, are gradually straining social welfare
- Mounting public debt in many economies
- Effects of climate change are more pervasive
- Access and control of resources will likely increase competition and the potential for conflict

# SFA Themes & Trends



- Re-distribution of Geostategic Power
- Use of Power Politics
- Non-State Actor Influence in Domestic/International Affairs
- Challenges to Governance
- Public Discontent/Disaffection and Polarization



- Rate of Technology Advance
- Access to Technology
- Global Network Development
- **Commercial Sector Dominance**
- Technological Dependencies



- Globalization of Financial Resources
- **Geopolitical Dimension of Resources**
- Defence Expenditures Challenges in the West
- Increased Inequality

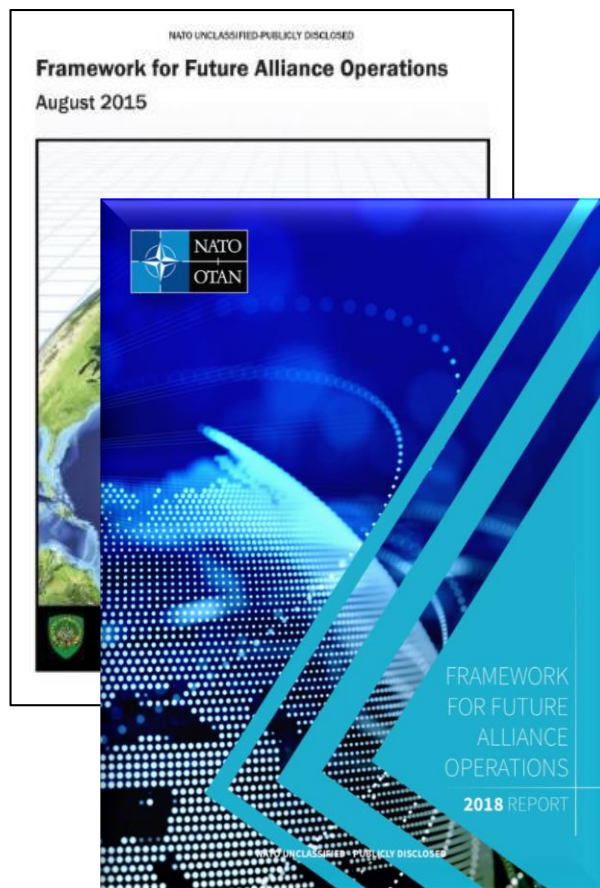


- Asymmetric Demographics Change
- Increasing Urbanization
- Fractured Polarized Societies
- Increasingly Connected Human Networks



- Environmental/ Climate Change
- Natural Disasters

## INSTABILITY SITUATIONS, STRATEGIC MILITARY PERSPECTIVES, MILITARY IMPLICATIONS (2015, 2017)



**Aim:** To identify characteristics and abilities of a future Alliance pool of forces to meet the potential demands of the future security environment today through the foreseeable future, 2035 and beyond.

**The Military Problem:** Based on the possible instability situations in the future security environment through 2035 and beyond, what is a framework that will enable the success of NATO military forces at its core tasks?

This document provides **Bi-Strategic Command best military advice**, focused on both challenges and opportunities for the Alliance. To keep the military edge and prevail in the future, NATO forces should continually evolve, adapt, and innovate and be **CREDIBLE, NETWORKED, AWARE, AGILE and RESILIENT**.

This document is updated on a **four-year cycle** in concert with **the NATO Defence Planning Process**.

In development of FFAO 2018, the goal was to retain the best parts of FFAO 2015 but **expand analysis into new areas both adding depth and relevance**.

### INSTABILITY SITUATIONS

*"THE MILITARY PROBLEM" TROUGH THE NATO'S 3 CORE TASK*

- WMD PROLIFERATION/USE
- CONVENTIONAL WAR
- THREAT ESCALATION
- HYBRID WAR
- IRREGULAR WAR
- TERRORISM
- GLOBAL COMMONS DISRUPTION
- CRITICAL INFRASTRUCTURE ATTACK
- INFORMATION WARFARE
- CYBERATTACK
- GOVERNANCE CHALLENGES
- ENDANGERMENT OF POPULATIONS
- MASS MIGRATION
- PANDEMIC DISEASE
- NATURAL/MAN-MADE DISASTERS

### STRATEGIC MILITARY PERSPECTIVES

*"WHAT THE FORCES NEED TO BE" TO KEEP THE MILITARY EDGE AND PREVAIL IN OPERATIONS*

- CREDIBLE
- NETWORKED
- AWARE
- AGILE
- RESILIENT

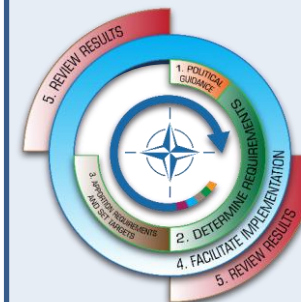
### MILITARY IMPLICATIONS

*"WHAT FORCES NEED TO DO" THROUGH NATO's DEFENSE PLANNING CAPABILITY HIERACHY*



INFORM AND SHAPE

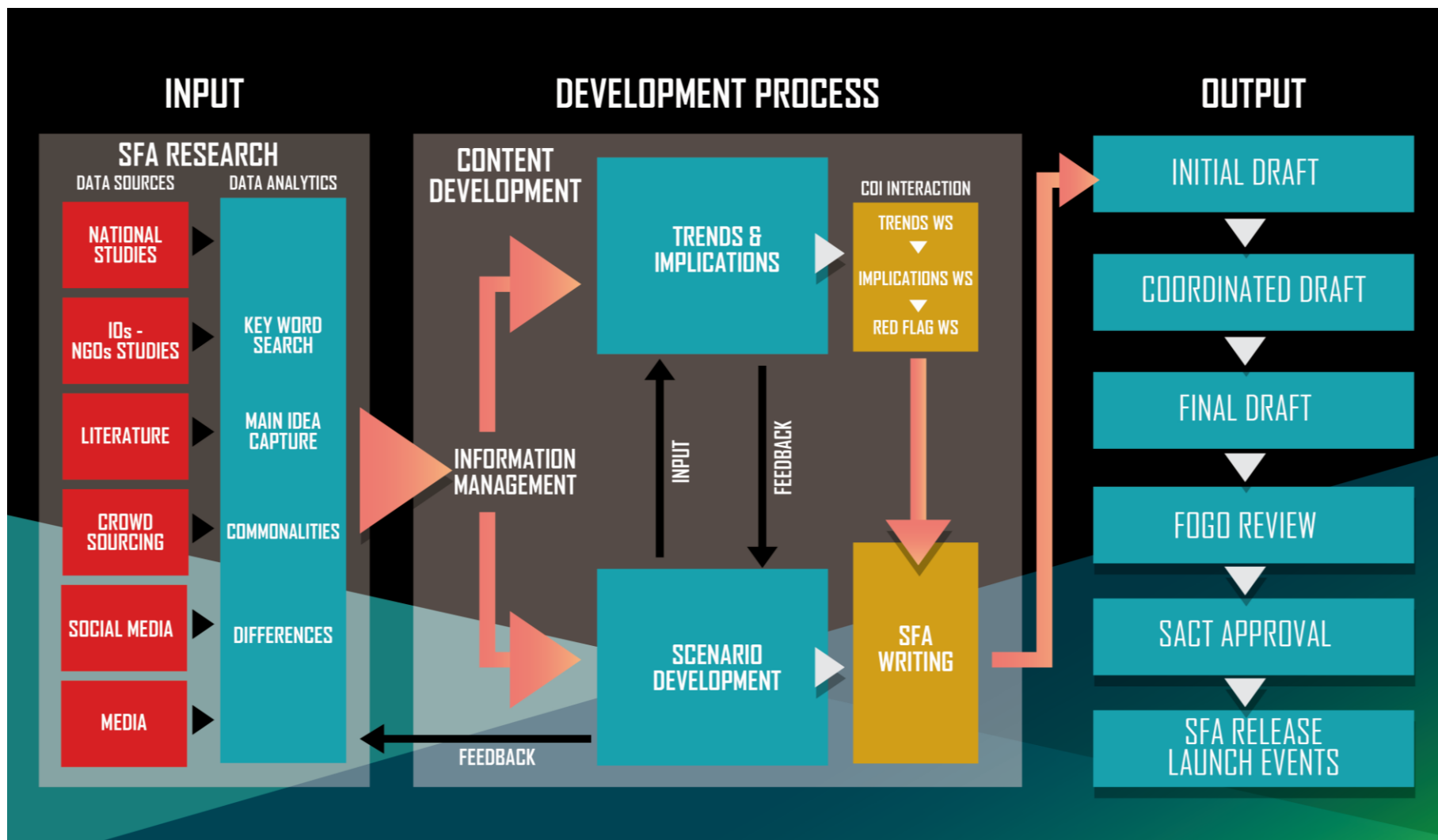
### NATO's DP



### NATIONS

- STRATEGIC DISCUSSIONS
- WHITE PAPERS
- MILITARY STRATEGY
- DEFENSE PROGRAMS.....

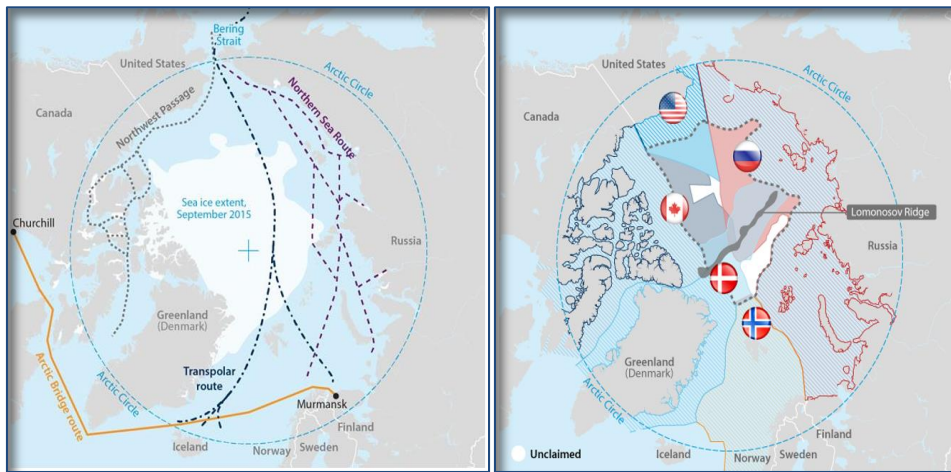
- A common understanding of the future and its military implications at 29 nations
- Be proactive to face the challenges and size the opportunities through 2035 and beyond
- Looking in future to shape the future warfare environment.



**Technology Test Report; Regional Reports (MENA, Arctic, Russia, Asia Pacific)**

# Regional Perspectives

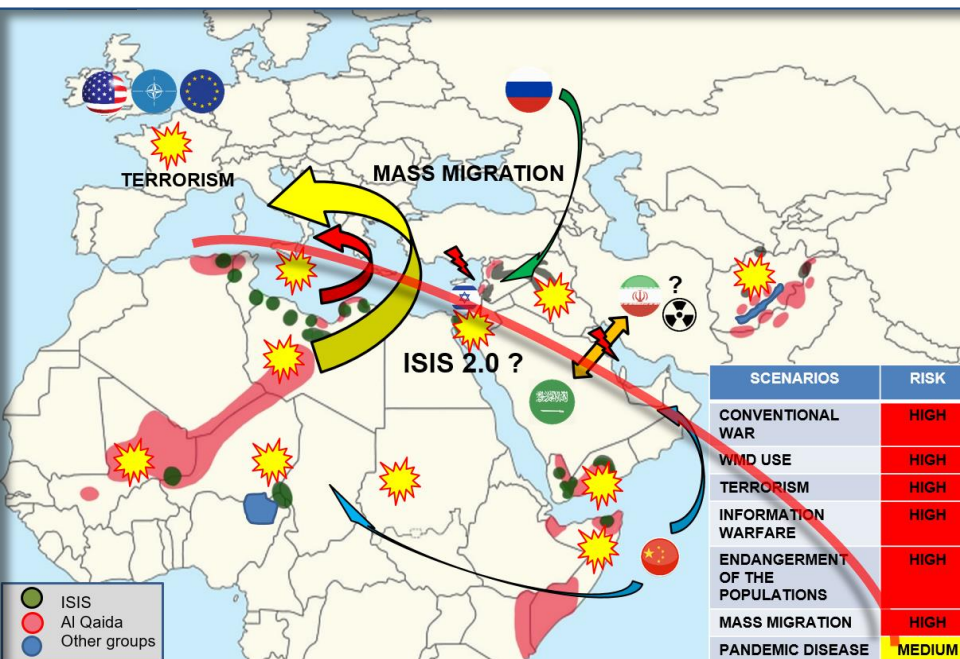
## High North/Arctic:



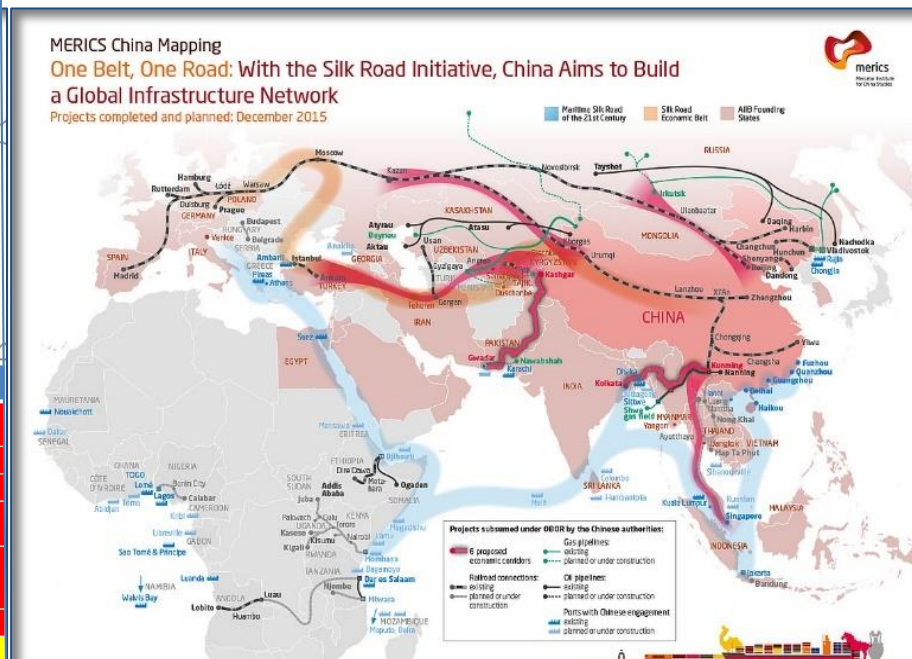
## Russia/Eastern Europe:



## North Africa:



## Asia Pacific:



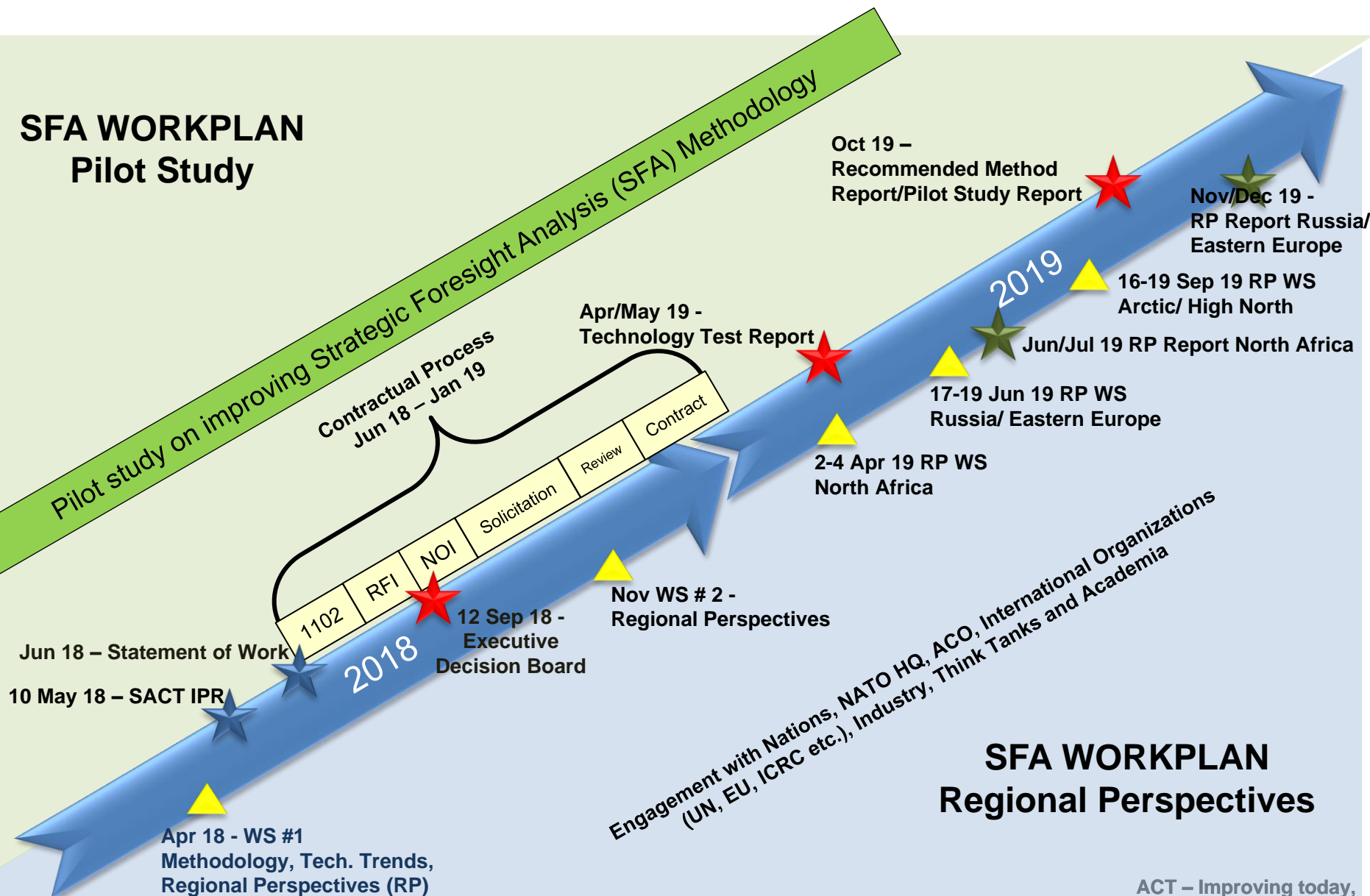
**Aim:** Regional Perspectives Workshops (RPWs) will facilitate discussion and interaction between NATO Command Structure and Agencies, NATO and Partner Nations, NATO COEs, International Organizations, Industry, Think Tanks and Academia on developments in regions relevant to NATO and Euro- Atlantic security such as the Arctic/High North, Russia and Eastern Europe, Asia-Pacific, and North Africa.

RPWs will be planned in 2018 and executed in 2019 to provide in-depth analysis and different points of view in support of decision-makers in the development of new Military Strategy as well as to support the development of the SFA 2021 Report.

## **The Regional Perspective Reports context:**

- Academic/Think Tank Views (Call for papers)
- National Views (Through think tanks or white papers etc.)
- SFA Team's Analysis/Findings (Using Computing power when it is available)

## SFA WORKPLAN Pilot Study



## SFA WORKPLAN Regional Perspectives

## Aim

- Set the foundation for the Regional Perspectives Workshops (RPWs) and Reports by:
  - Analysing trends and implications for respective regions
  - Identifying key areas/concerns/issues
  - Determining initial ideas that requires in-depth analysis (these will be used for the call for papers)

## Objectives

- Update our Community of interest (Col) on the Pilot Study and introduce ongoing efforts
- Improve our network of experts who could be involved/support regional perspective workshops and reports
- Use large data analytics in support of Regional Perspective Reports
- Improve SFA methodology and supporting inputs by incorporating several regional perspectives for the SFA 2021 Report

**One slide for each theme for each region that provides:**

- Analysis of trends and implications
- Key areas/concerns/issues
- Initial ideas for call for papers

**List of SMEs that could support Regional Perspective Workshops**

**Reference documents that could be used for future analysis**

	North Africa	Russia & Eastern Europe	High North/the Arctic
<b>Political</b>	LTC Pierre ASECIO	Dr Regina KARP	CDR Geir Arne HESTVIK
<b>Human</b>	LTC Richard 'Rik' PLEIJANT	Col Sven SZABO	Col Sven SZABO
<b>Technology</b>	Dr. Gabriele RIZZO	Mr. Mark TOCHER	Mr. Mark TOCHER
<b>Economic</b>	Dr Adrian KENDRY	Dr Adrian KENDRY	Dr Adrian KENDRY
<b>Environment</b>	LTC Adam RUTHERFORD	LTC Adam RUTHERFORD	LTC Adam RUTHERFORD

- Provide one slide for each theme (3 mins insights).
- If it's only one minute – it's one minute. Let your colleague use the time.
- Overall aim to provide input to the WS Report and allow participants to take away key points from the discussions.

## Russia & Eastern Europe - Political Theme

### Analysis of trends and implications:

- Russia is likely to continue challenge the liberal world order
- Russia may continue to focus on creating an Atlantic divide by using hybrid warfare tools
- EU - Russia competition for increasing influence in Eastern Europe, Balkans, Baltics will continue

### Key areas/concerns/issues:

- Russian election 2024 - the future of democracy and power transition
- Breakdown of international structures/agreements and confidence building measures established before and after the end of the Cold War
- Russia-China cooperation

### Initial ideas for call for papers:

- Russian use of cyber domain to intervene elections/social structures in Eastern Europe

# QUESTIONS?

## Contacts:

SACT SPP STRTAN Szabo T OF-5 ([Tibor.Szabo@act.nato.int](mailto:Tibor.Szabo@act.nato.int))

SACT SPP STRTAN JENSEN F OF-4 ([Flemming.Jensen@act.nato.int](mailto:Flemming.Jensen@act.nato.int))

SACT SPP STRTAN Kinaci M NIC ([Mehmet.Kinaci@act.nato.int](mailto:Mehmet.Kinaci@act.nato.int))

SACT SPP STRTAN Pleijsant R OF-4 ([Richard.pleijasant@act.nato.int](mailto:Richard.pleijasant@act.nato.int))

Webpage: <http://www.act.nato.int/futures-work>

