



Transforming C4ISR & Cyber Training

2nd NATO Cyber Defense Smart Defense Projects Conference
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Chief Education & Training Service Line



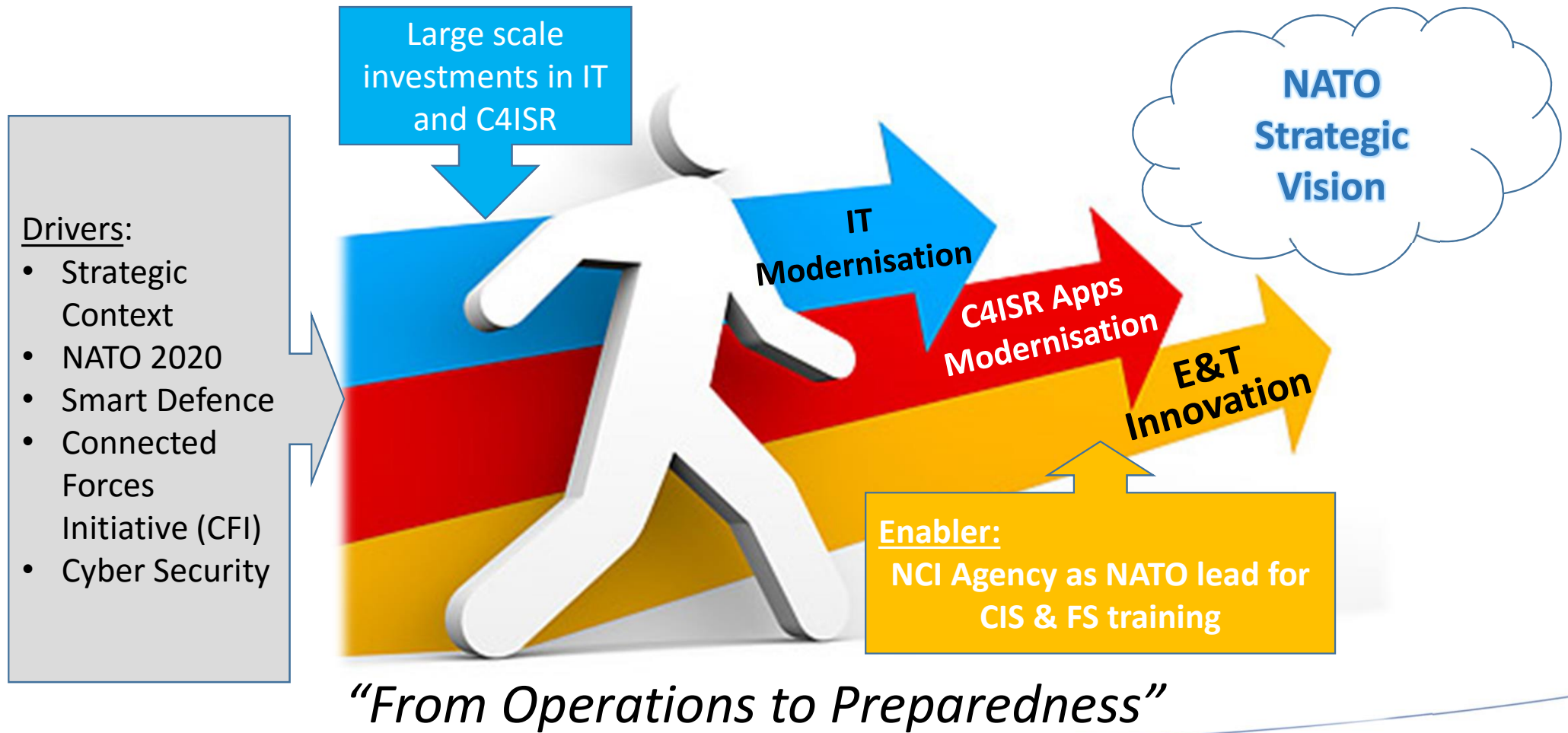
NCI Agency Education & Training (E&T) Services

- NCI Agency is a NATO Training Facility accredited by ACT
- NCIA E&T Service Line centralizes all Agency training services
 - Includes NATO CIS School (NCISS) Latina
 - 150 professional and dedicated E&T staff / instructors
- Training Services catalogue covers 200+ courses:
 - NATO CIS infra: servers, deployable CIS, Comms, Core Services
 - C4ISR Application Services (incl Air, Land, Maritime C2 systems)
 - Cyber Security
 - Collective Training & Exercices (CAX/SIM support)
- 8000+ NATO and National staff is trained annually



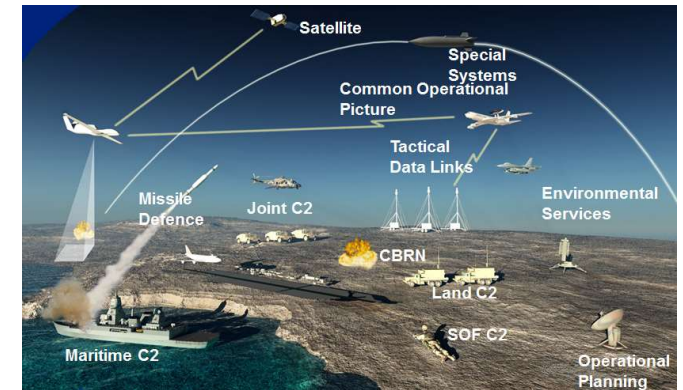
*Training Innovation:
From single-site school
to cloud-based federated
Academy*

E&T Innovation in the C4ISR-Cyber Context



The Challenge!

- Complex operational environment!
- Expanding portfolio of Functional Services.
- Managing the Cyber domain.
- Exploiting the Nation's investment in NATO C4ISR capability.
- Budgets under pressure

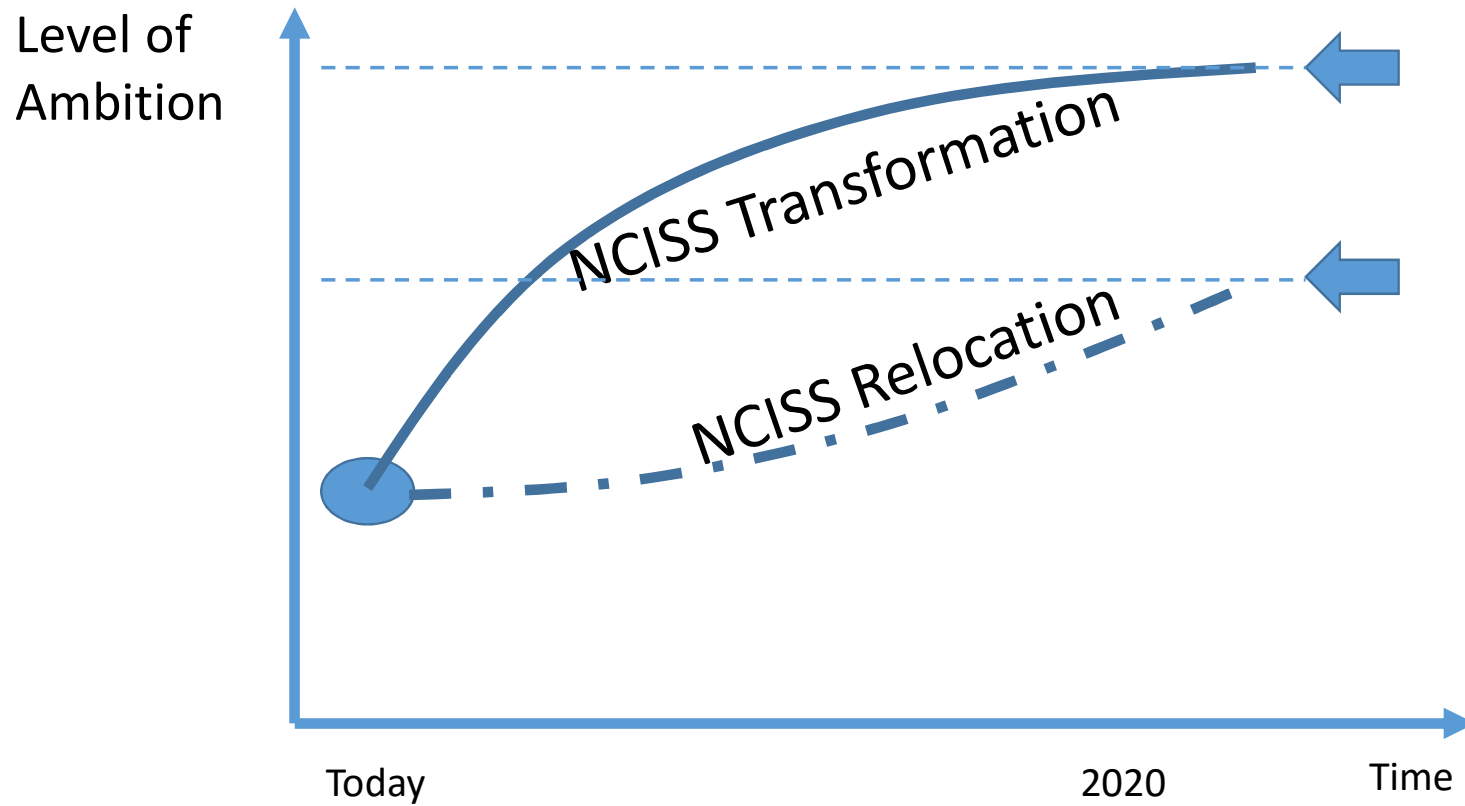


NATO CIS School Relocation

1. Physical Relocation



NCISS Relocation: Level of Ambition



New NCI Agency School Building in Oeiras, PRT

Building ready in 2018; Relocation in 2019

12.800m² of gross area

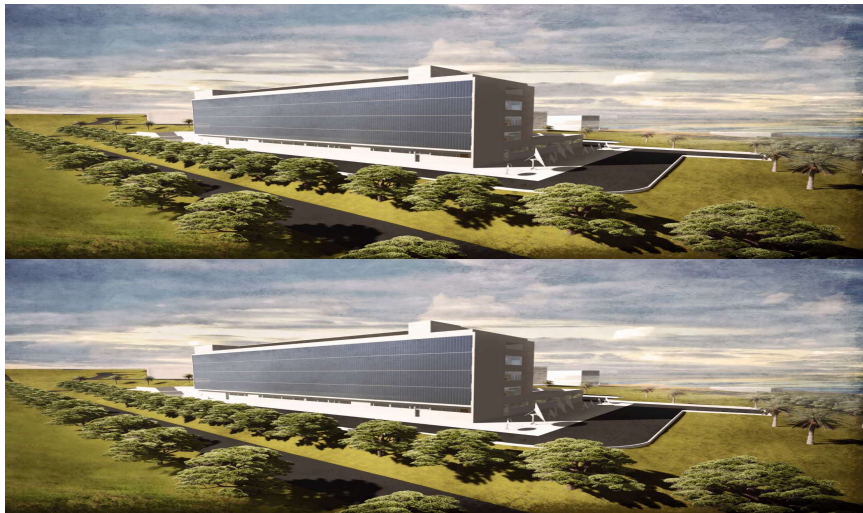
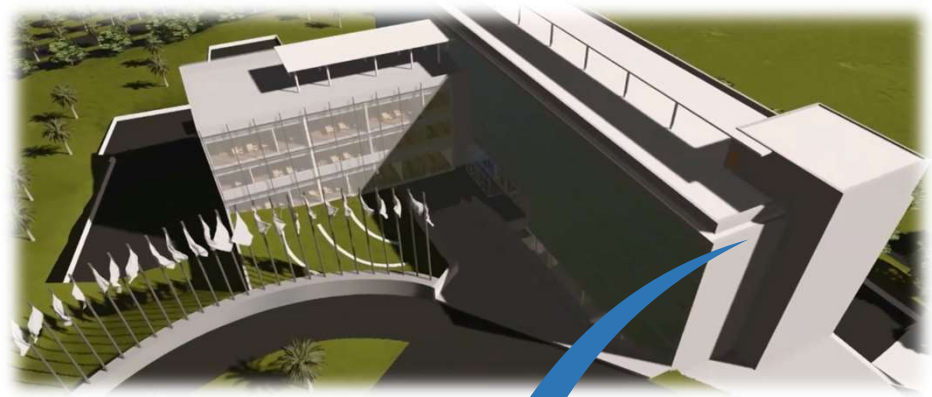
office for 100 staff / instructors

43 laboratories

26 classrooms

250 seat auditorium

6000+ students/year onsite



NATO CIS School Relocation

1. Physical Relocation
2. Towards a Federated Academy



~~NATO CIS School Relocation~~ NATO E&T Transformation

1. Physical Relocation
2. Towards a Federated Academy
3. Towards a NATO Training Cloud
4. Partnerships: industry & academia



Oeiras, PRT



Smarter Training for Smarter Defence

A Federated NATO CIS Academy: Local + Cloud

- Exploit Training Technology
 - Embrace the 'Cloud'.
- Blend the classroom with remote and distance learning:
 - Interactive eLearning
 - Distributed Training – 'where required when required'.
- Mobile Training
 - take classroom to the war fighter.
- Join up individual, with team and collective training.
- Partnerships – nations, industry and academia.
- **Smarter Training for Smarter Defence.**

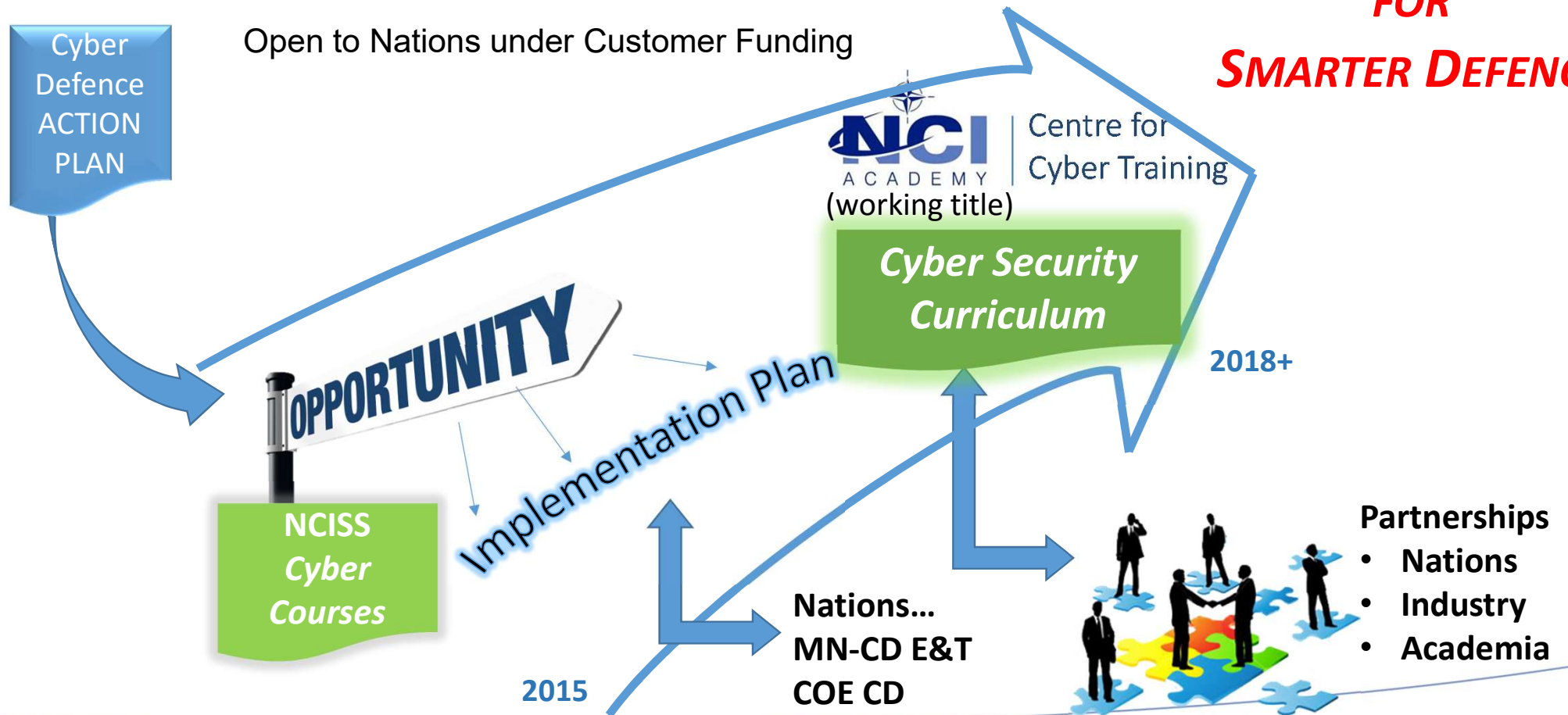


Cyber Training Support to NATO & Nations

NCI Agency is innovating NATO CIS Education & Training
The Cyber Security courses will be expanded into full curriculum.

**SMARTER TRAINING
FOR
SMARTER DEFENCE**

Open to Nations under Customer Funding



Summary

- From Operations to Preparedness → Increased **training focus.**
- NCI Agency is innovating NATO C4ISR & Cyber Education & Training
 - Opportunity through School relocation
 - From local school to Federated and Cloud Academy
- Ambitions towards a Cyber Security Training Curriculum
 - Strategic Partnerships with Industry and Academia
 - Cooperation with Multi National projects.



Education
and Training

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