

DePoCyTE



COMBATTING CYBER THREATS

- *Building a skilled military Cyber Defence workforce:*
 - mainstreaming cyber defence training and exercises at EU level,
 - **supporting military in-house training and exercises, and training provided by the private sector.**
- *Ensure the availability of pro- and reactive state-of-the-art Cyber Defence Technology:*
 - in the area of awareness and decision making,
 - for threat and attack detection, and response,
 - including keeping track of new technological trends (Technology Watch).

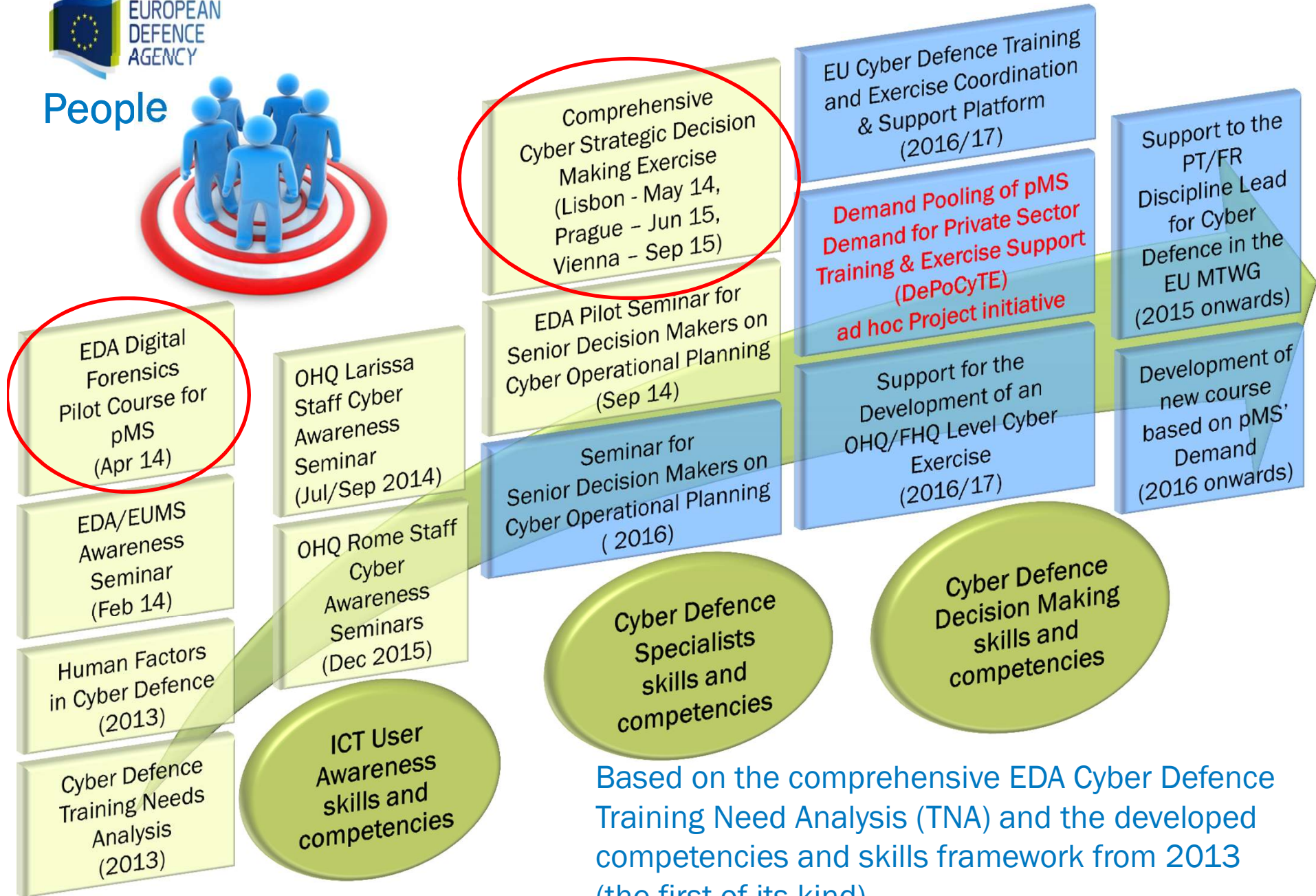


Cyber
Defence
Technology

Building Operational Excellence



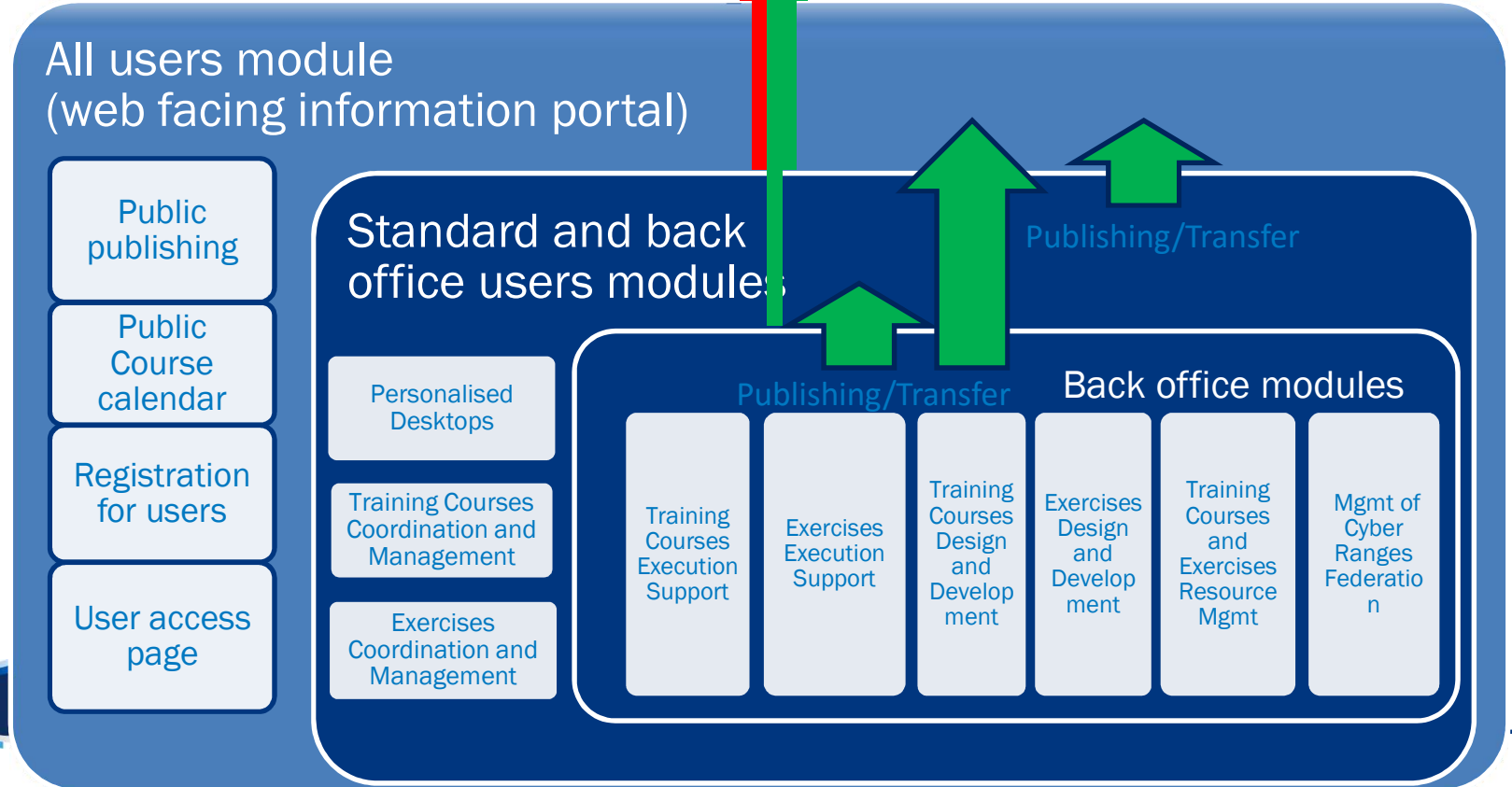
People



Based on the comprehensive EDA Cyber Defence Training Need Analysis (TNA) and the developed competencies and skills framework from 2013 (the first of its kind)



Envisaged to be available and operational 1 Oct 2017



DePoCyTE Objectives

- Improve pMS' access to relevant cyber defence courses provided by the private sector;
- Provide a more cost-effective access to relevant cyber defence courses provided by the private sector;
- Provide a more cost-effective access to relevant cyber defence courses development support by the private sector;
- Provide a cost-effective and sustainable private sector support for developing, organising, executing and evaluating national and/or multinational cyber defence exercises along a common model and common standards (e.g. based on the cyber strategic decision making exercises);
- Supports the development of an European Cyber Defence Culture through an increased number of opportunities for information and knowledge sharing through an increased number of EU-level/multinational courses and exercises;

DePoCyTE Means

Establishment of framework contracts (managed by EDA) with private sector training providers and exercise support providers (as demanded by pMS/CSDP structures)

Based on the results of:

- Digital Forensics Pilot Course and its evaluation;
- Cyber Strategic Decision Making Exercises (PT, CZ, AT).

Digital Forensics Pilot Course (SANS FOR408)

15 new and certified Digital Forensics Experts trained and available;

- Organized by EDA in its facilities
- Delivered by SANS institute
- 6 days course (31 March – 5 April 2014)
- Enabler for GIAC certification as Forensic Examiner (GCFE)



Profile of the students

- 14 pMS represented + 1 EU institutions
- Most practitioners, civil / military
- Some had already attended basic courses on forensics

Pilot Strategic Decision-Making Course and Exercise on Cyber Defence

(IDN-AM-ICDS, Lisbon, 12-14 May 2014)



1st International Pilot (National and EU level) – High Level Officials from PT, EE and EU at the Opening Ceremony
58 Participants, 17 International Attendees (EU, ESA, DE, EE, CZ, IT, GR, SP, NCIA, NCIRC, JALLC and Angola)



DePoCyTE advantages (1)

1. Administrative aspects:

- Agreement among contributing member states (cMS) on required industry standard certifications that result in common certification standards based on the identified cMS' demands and along private sector best practices;
- Identification of relevant courses that prepare students for required certifications;
- Initial estimate of annual students throughput per course per cMS and the initial number of exercises conducted per year in order to calculate annual and overall ceilings for the envisaged framework contracts (including some contingencies). Those figures will be updated with cMS on an annual basis;
- Establishment of Framework contracts with several training providers and exercise support providers for the identified course/exercise portfolio based on cMS' national requirements and preferences;
- Reduced administrative efforts for cMS through framework contract management by EDA;

DePoCyTE advantages (2)

1. Administrative aspects:

- Framework contract duration, renewal and/or augmentation based on existing and emerging cMS' requirements through EDA based on cMS decision;
- Courses/Exercises can be run as on-site events either in national military installations or multinational environments (e.g. EDA);
- Right to organize a course on-site in a national military installation of the cMS that provides the majority of students for that course;
- Annual negotiations and agreement with all providers for an annual minimum course and exercise schedule and through that ensuring the balanced availability of seats/exercise support for cMS. Additional courses/exercise support can be purchased when the requirement occur in a flexible scheme based on the agreed price model.

DePoCyTE advantages (3)

2. Economic aspects:

- No initial investment by cMS. Framework contracts are on a “pay by use” basis. Payments only occur when seats for a specific course or exercise support are booked. Transfer of annual budgets from cMS to EDA should be possible (e.g. for those courses/seats/exercises that are agreed in the minimum course schedule);
- Transparent and fixed price model for all courses under DePoCyTE and through that better planning basis for cMS’ annual training budgets;
- Purchase of specific courses through EDA once a sufficient number of national or multinational students have/were registered or based on the agreed annual schedule (after the transfer of budget from requesting cMSs) ;
- Purchase of exercise support through EDA on individual cMS demand or based on the agreed annual schedule (after the transfer of budget from requesting cMS).
- Courses purchase fall under the EDA VAT exemption (to be finally confirmed with the BE MoF).

DePoCyTE advantages (4)

3. Content aspects:

- Possibility of customisation of existing industry standard courses/exercises based on cMS-agreed specific military requirements;
- Flexible use of a variety of training providers by cMS based on emerging requirements;
- Courses/Exercises can be run both in a national and multinational set-up;
- Complete overview for cMS of all courses that are contracted under DePoCyTE through the “Cyber Defence Training & Exercises Coordination and Support Platform (CD TEXP)”;

DePoCyTE advantages (5)

4. Other aspects:

- Course/Exercises can be supported by the Cyber Ranges Federation if appropriate. Inter alia this can save long set-up times of necessary training/exercise equipment;
- Course/Exercise booking, Coordination and Management of courses and exercises through the CD TEXP;
- Linkage to the Cyber Discipline of the EUMC MTWG

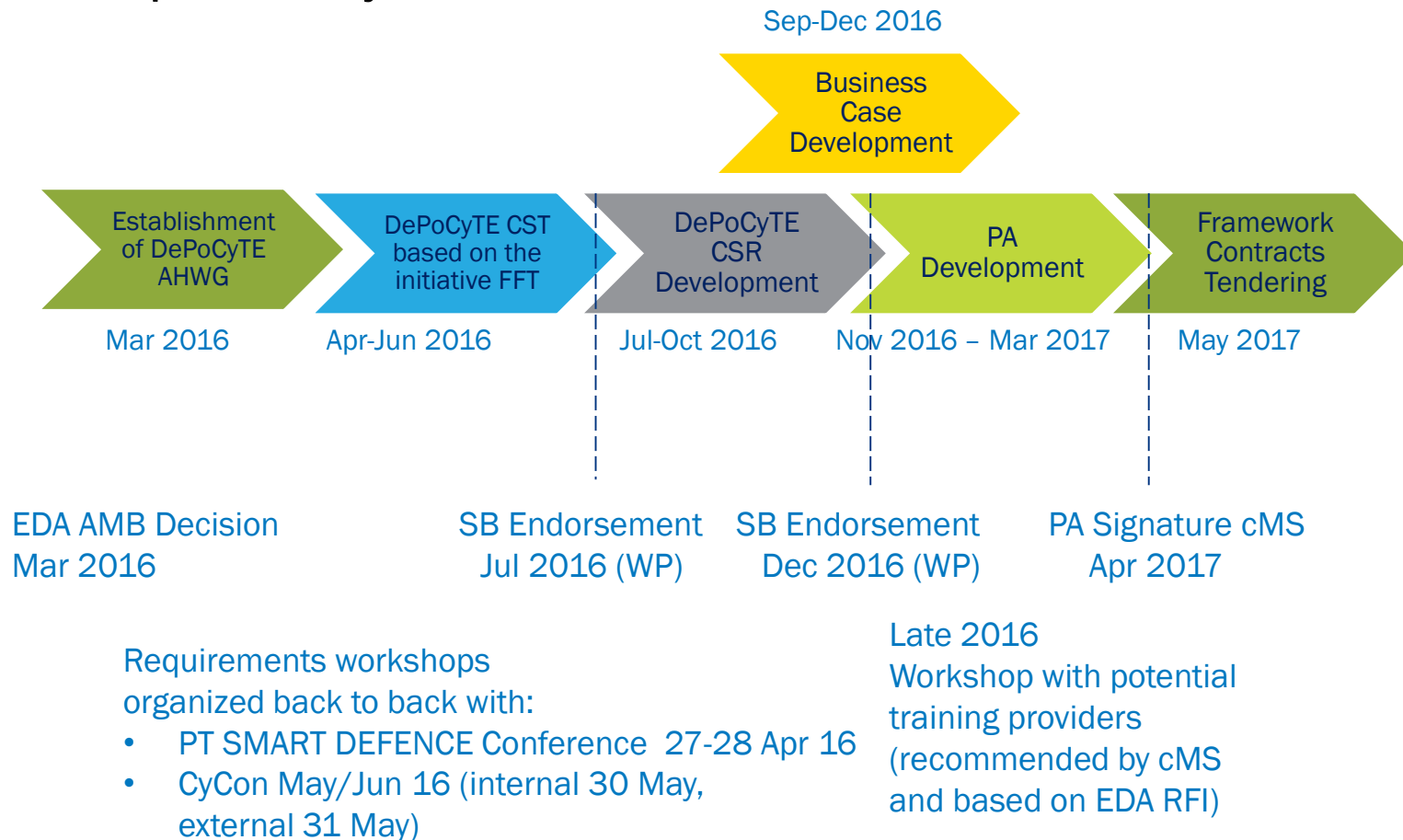
Framework Contracts options

- Duration 3-5 years;
- Specific courses vs. entire course portfolio of a provider;
- (Regional) mothertongue courses (e.g. DE, ES, FR);
- Including students from other governmental sectors outside of defence (e.g. for integrated mil/govCERTs);
- Including students from partner countries (if managed and payed through one of the cMS);
- Including students from EU institutions;



DePoCyTE indicative timeline

- DePoCyTE is not meant to replace existing national means and mechanisms for private sector cyber defence training support. DePoCyTE is designed to be **complementary** to them.



WP = written procedure