



HECTOS

Harmonized Evaluation, Certification and Testing of Security
Products

Coordinator: FOI



HECTOS at a glance

HECTOS is a project under the EU's seventh framework (FP7)

September 2014 – August 2017 (3 years)

Total: 287 PM, 3.5 M€

Goal:

Support harmonisation of the European market by producing elements for a roadmap for the development of Harmonized Evaluation & Certification (E&C) schemes for Physical Security Products

Eight partners:



HECTOS Background and Objectives

Current problem

- Physical security products are diverse in technologies, application areas, performance etc., which makes it difficult to compare them for manufacturers and users
- Evaluation & Certification procedures often lack applicability and recognition between Member States

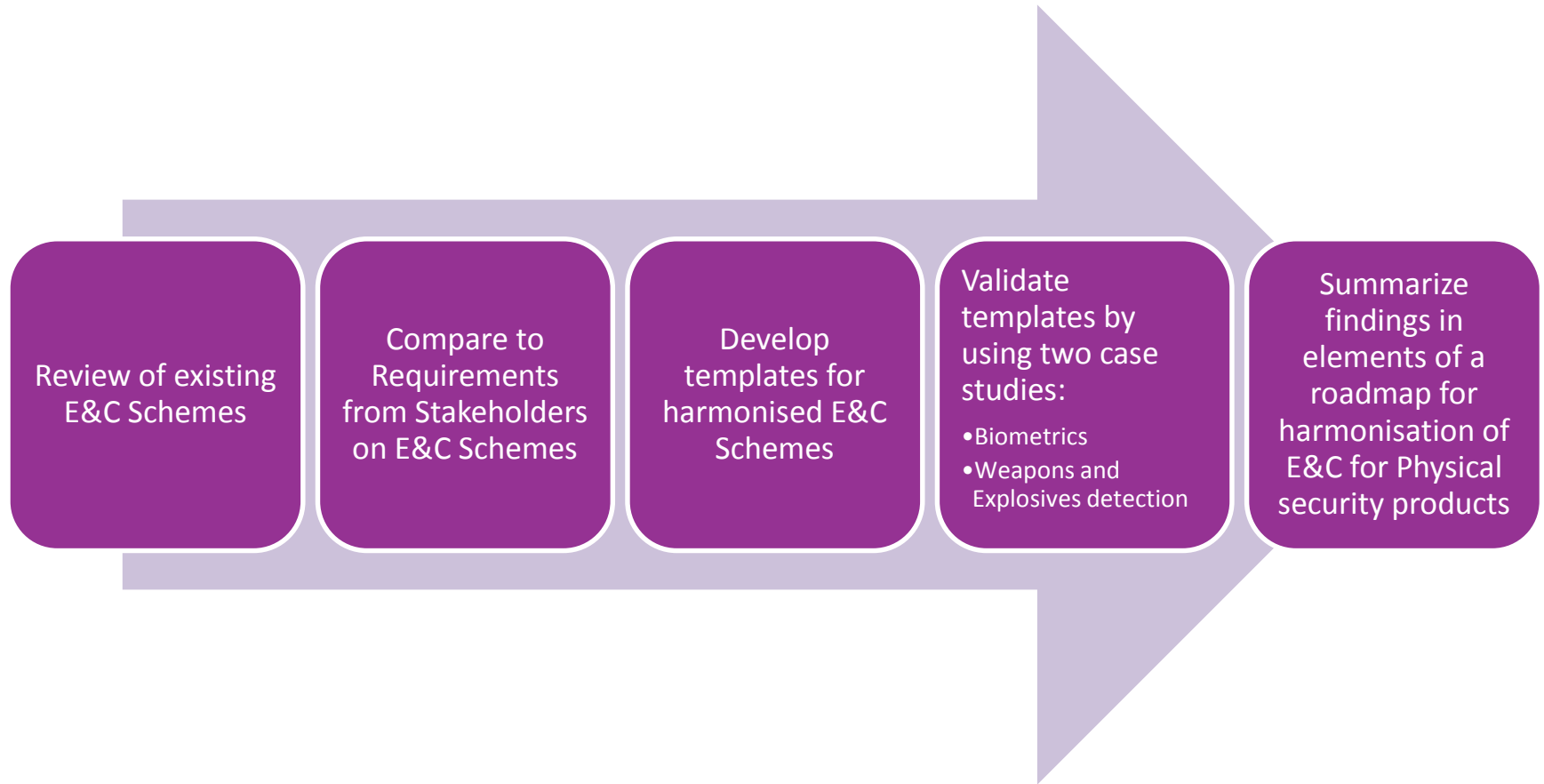
HECTOS Objective:

- Harmonisation of E&C schemes for physical security products

To lead to:

- Enhanced recognition and trust of E&C
- More homogeneous and wider market
- Enhanced possibility for users to compare performance
- Enhanced possibility for suppliers to demonstrate performance

HECTOS will work on the objectives through:



Focus on Physical security products

Protection of (mainly) physical assets from physical attack

- Includes cyber attack on physical security product
- Not cyber attack on IT systems

Products (HW & SW) used in provision of physical security

- The pressure of global competition will target manufacturing of products and technologies rather than services

Focus on protection from serious crime & terrorism

- Not safety, not natural disasters

Case studies

HECTOS will validate the template for harmonised E&C Scheme by applying it when developing schemes in two case studies:

- Biometrics
- Weapons and Explosives detection (Non-AVSEC applications)

Case studies represent areas with:

- complex E&C requirements
- different types of requirements, applications, regulations, ...
- high priority in the SIP
- a lot still to be developed in terms of E&C

Evaluation & Certification Schemes

High level Certification scheme template

Requirements

Certification

Accreditation

Ideas for detailed Certification scheme template

Requirements

- Technical, evaluation requirements
- Requirements connected to application or product category
- ...

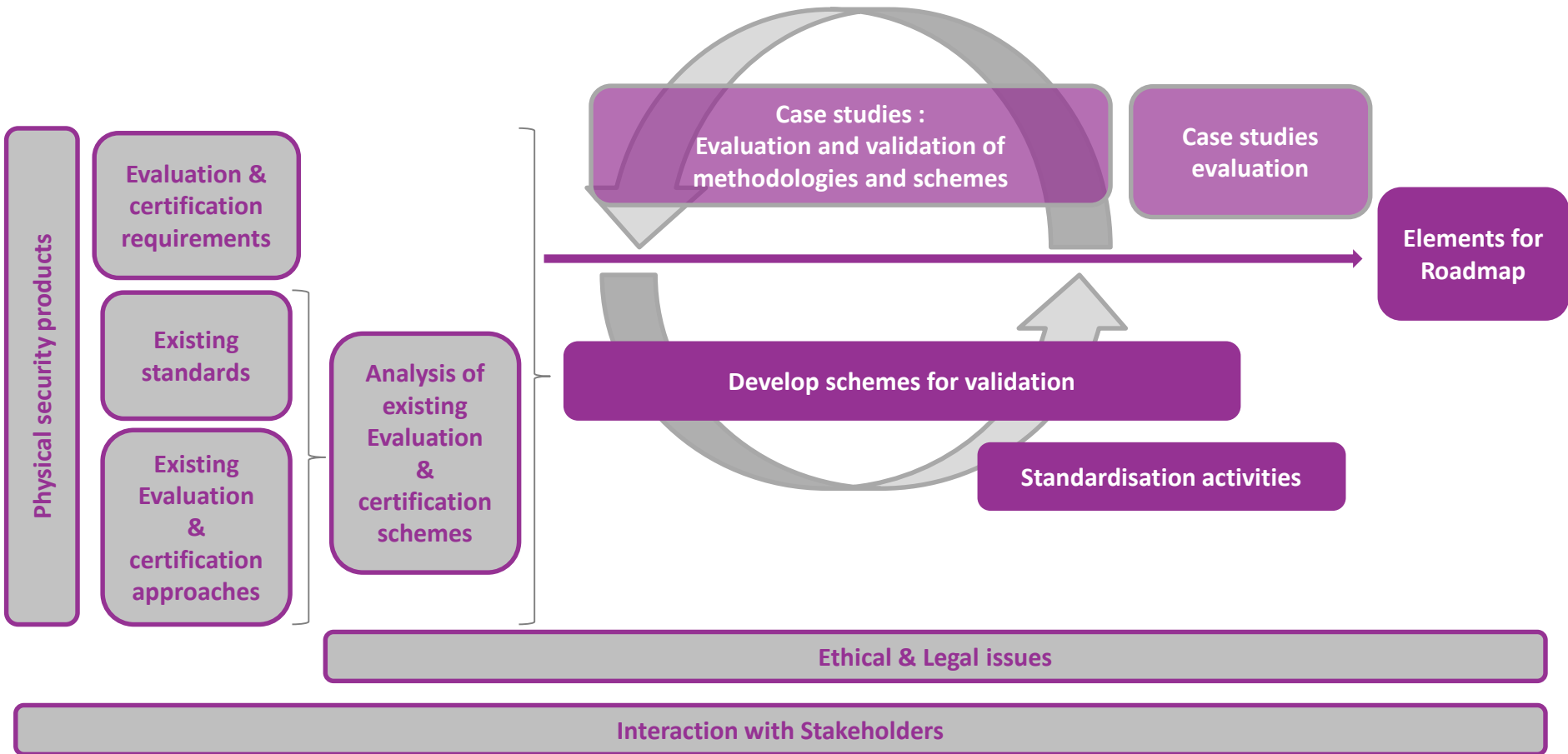
Accreditation

- Regulation 765/2008
- Accredited bodies
- ...

Certification

- Type of evaluation/ certification
- Applicability of self-testing
- Request and allocation procedures
- Test method
- Availability
- Repeatability
- Ownership
- Publicity
-

Path towards Harmonisation Roadmap



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HECTOS is a collaboration between:



Coordinated by



www.hectos-fp7.eu

