



# Cybercrime Training Governance Model

## Cybercrime Training Competency Framework

Ms Malgorzata Sobusiak-Fischnaller  
[Malgorzata.Sobusiak-Fischnaller@europol.europa.eu](mailto:Malgorzata.Sobusiak-Fischnaller@europol.europa.eu)

*Yves Vandermeer*  
[yves.vandermeer@ecteg.eu](mailto:yves.vandermeer@ecteg.eu)



# Way to a new IT crime ecosystem

- Standard Operation Procedures and Education docs
  - ACPO - [Good Practice Guide For Digital Evidence](#) (2012)
  - Council Of Europe - [Electronic Evidence Guide](#) (2013)
  - ENISA – [Strategies for incident Response and Cyber Crisis cooperation](#) (2016)
  - S.D. Brown - [Investigating and Prosecuting Cyber Crime](#) (2015)
  - Ivar A. Fashing – [The Making of an Expert Detective](#) (2016)
  - ISO 27037 (2015)
- Tools
  - features taxonomy from “EVIDENCE” project (2016)  
<http://wp4.evidenceproject.eu/dft.catalogue/dftc.home.php>
  - FREETOOL project ( I & II )
- Career path within profiles matrix  
TCF by EC3, ECTEG, Eurojust and CEPOL (2015)
- Course packages coherent and structured
- Practitioners certification procedures  
[TOT project](#) - *Universidad Autónoma de Madrid* (2016)



EMPACT

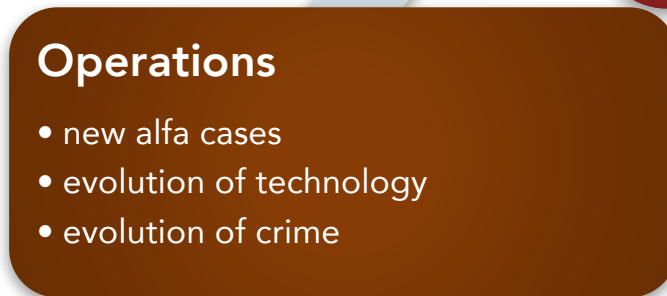
EUCTF



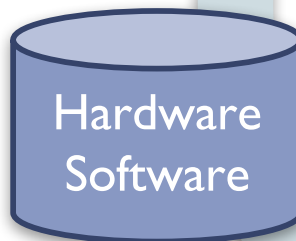
Universities

LEA ( cyber crime training)





Profile based :



# Training Competency Framework

Matrix of Required Knowledge and Skills for LE Actors

Discussed Category	Management Skills				Technical Skills				Investigation Skills					
	Strategic Decision Making	Management (ind. HR & Budget)	Soft Skills and Networking	Communication (ind. presentation)	Digital Forensic Skills	Internet Networking & Tracing	Programming scripting, SQL	Analytical & Visualisation Skills	Live Data Forensics	Cybercrime Legal Knowledge	First Responder Awareness	Open Source Intelligence	Interviewing & Interrogation	Investigation Techniques
Political and Strategic Decision Makers														
Law Enforcement Management														
Heads of Cybercrime Units and Team Leaders														
General Criminal Investigators														
Intermediate and Advanced Investigators														
Cybercrime Analysts and Intelligence Officers														
Online Investigators														
Digital Forensic Investigators and Examiners														

Relevant Cybercrime Training

Requirements

Basic level
Expert level

Cyber crime experts

First responders



# Training Competency Framework

- “Live” document : some profiles will be added :
  - First responder  
(police officer on the field without any IT specialisation)
  - Cyber Expert : (cyber attacks handling)
- High level skills and competences
  - Document is a tool available for all LEA to structure capacity building at national level
  - Detailed skills and competences will be developed in the certification process



# TCF as backbone

- Helping LEA to build national career paths
- Flexible to allow own national strategy
- To be used at
  - Specialised unit creation / growth
  - Selection processes
- To be used to
  - Define training / education requirements
  - Structure curriculum
  - Setting up international joint teams



# Training Needs Assessment

- Process
  - Identify gaps in available courses
  - No need to have “one” course to fully address a profile
- Priorities
  - Based on field needs (EUCTF – Europol)
  - Based on trends identified by academic world
  - Based on available budget





# Contact

- Ms Silvia Smadova
- [silvia.smadova@cepol.europa.eu](mailto:silvia.smadova@cepol.europa.eu)



- Ms Malgorzata Sobusiak-Fischnaller
- [Malgorzata.Sobusiak-Fischnaller@europol.europa.eu](mailto:Malgorzata.Sobusiak-Fischnaller@europol.europa.eu)



- [contact@ecteg.eu](mailto:contact@ecteg.eu)
- Website : [www.ecteg.eu](http://www.ecteg.eu)

