



2CENTRE

A collaborative model for
capacity building against
cybercrime



Presentation
7th November 2013



What is 2CENTRE?



- ✦ An embryonic network of **National Cybercrime Centres of Excellence in Training Research and Education**. A national centre is a cooperative effort of law enforcement, industry and academia to improve the knowledge and skills of those responsible for combating cybercrime. Benefits include academically accredited training, development of tools against cybercrime and results from research activities. The network is being created to share resources and to ensure the further development of products and services internationally.

BACKGROUND

How did it all start



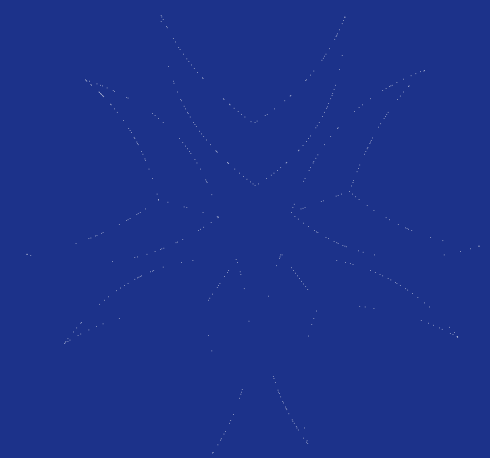
- * 2001 Falcone – Ireland bid – Accredited Training Structure
- * 2003/2004 Agis – UK bid – Introductory course
- * 2005 Agis – Ireland bid – 3 new courses
- * 2006 Agis – UK bid – 3 new courses
- * 2007 – ECTEG created as ad hoc EG under Europol
- * 2008 – ISEC – Ireland bid – MSc programme & 3 new courses
- * 2008 – Report – Cybercrime Training – A vision for the future
- * 2008/2009 – Europol bid 3 new courses
- * 2009 – ISEC – Ireland bid – 2CENTRE project (this one)
- * 2010 – ISEC – Germany bid – 3 new courses
- * 2009 > Other centre bids and bids for new courses, tools & research by existing centres

2008 Report

Cybercrime Training - A Vision for the Future



- ✦ “Co-operation between LE, Industry and Academia to deliver long term sustainable training to key cybercrime personnel”
- ✦ Report prepared within the framework of the informal Law Enforcement – Industry working group hosted by University College Dublin.
- ✦ Prepared by: Cormac Callanan and Nigel Jones



Report Recommendations



- ✦ Countries encouraged to create Centres of Excellence in IT Forensics and Cybercrime Investigation to provide **sustainable, scalable, standards based and measurable learning opportunities to law enforcement and relevant industry personnel.**
- ✦ Centres of Excellence should consist of Law Enforcement, Industry and Academia in each country.
- ✦ Each Centre should be physically located in a learning organisation in each country.



National Centres of Excellence



CURRENT STATUS

2Centre Bid for funding



- ✦ Funding request submitted in July 2009 under the EC ISEC programme to create 2Centre - a Network of Centre's of Excellence.
- ✦ University College Dublin in Ireland, the Université de Technologie de Troyes and Montpellier 1 in France in collaboration with LEA in Ireland and France and industry players
- ✦ Network Coordination Centre (2CENTRE) was part of the proposals





Current Activities

- ✦ Masters Degree in Forensic Computing & Cybercrime Investigation
- ✦ Academic support partners for Europol and INTERPOL working groups on cybercrime.
- ✦ Development and delivery of specialist training courses to LE service partners – Europol, INTERPOL and OSCE.
- ✦ Management of AGIS course upgrades on behalf of the Europol Cybercrime Investigation Training Harmonisation group.
- ✦ Development of trainer programmes to support training
- ✦ Programme delivery, accreditation and evaluation
- ✦ Sponsored research into online financial crimes
- ✦ Validation of forensic computing tools



French French Centre of Excellence Objectives : Promote cooperation and learning

Promote cooperation within the French cybercrime-fighting community (LE, academia, NGOs, industry)

- * Benchmark and study best practices of Centres of Excellence and networks, and cybercrime centers worldwide
- * Create and manage a non-profit collective organization « association loi 1901 »
- * Develop and operate the platform for exchanges (web site, meetings, students)
- * Analyse needs and define specific projects, find additional funding
- * Help improve training throughout community

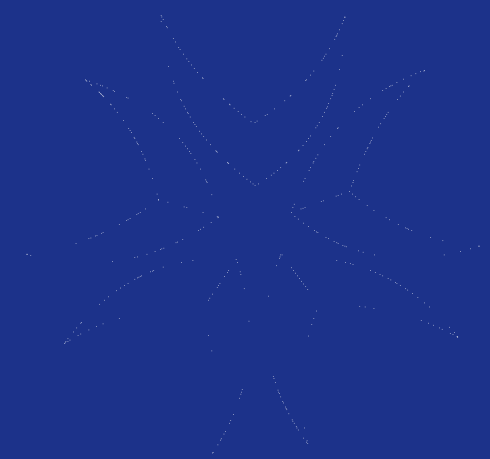
Final output

- * Define what a large-country Centre of Excellence could/should be
- * Help candidate partners to qualify as component of the French Centre of Excellence

Network Expansion



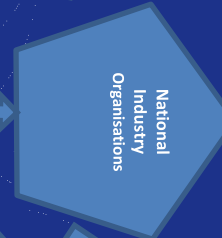
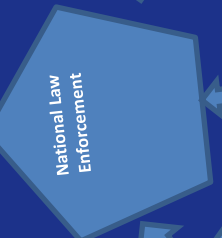
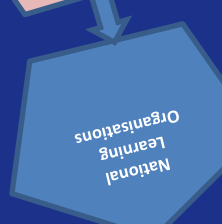
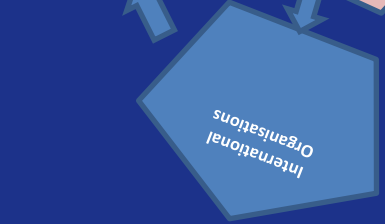
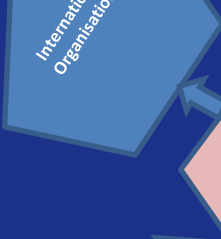
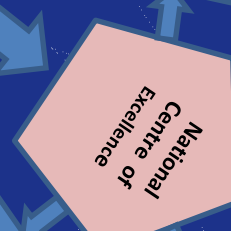
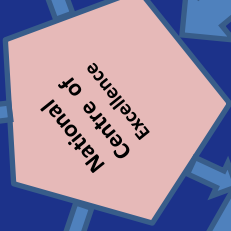
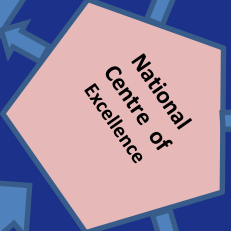
- ✦ International organisations should be encouraged to participate in and benefit from the creation of the Network
- ✦ Long term aim is to create a sustainable network that will expand beyond European borders and seek to provide a training, research and education resource for Law Enforcement and Industry personnel tasked with combating cybercrime.



Focus



- ✦ Centres of Excellence in **training research and education** should be encouraged to aspire to membership of the Network and other Centres should be allowed to join the Network during the project.
- ✦ The project should work closely with the Europol Working Group on the harmonisation of cybercrime training (ECTEG) and Interpol to ensure that their work is provided with appropriate support and the outcomes of the previous EC funded projects are incorporated within the plans for the network of centres of excellence as it develops.



NEXT STEPS

New Centres of Excellence

- * Belgium
- * Estonia
- * Czech Republic
- * England
- * Greece
- * Romania
- * Spain
- * Germany
- * Bulgaria
- * Slovakia
- * Portugal
- * Lithuania

Additional Expressions of interest 20+





www.2centre.eu

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