ENFSI Aspect – The Monopoly Programme

Dr Richard Gill
ENFSI Monopoly Programme Manager

Financing R&D in the European Forensic Science Market
Brussels - 21 March 2016
Presentation Outline

• ENFSI Monopoly Status (Quick Overview)
• EU Funding Frameworks
• Examples of Work that has been Supported
MONOPOLY FUNDING
started in 2009

ENFSI Monopoly Status

European Union

“ENFSI is a monopoly organisation since it is the only network of Forensic Science Institutes of the Member States in Europe”
MONOPOLY FUNDING started in 2009

ENFSI Monopoly Status

European Union

ENFSI Funding Allocation in Annual Work Programmes (AWPs)
No Competition !!
EU Internal Security Strategy (ISS) in Action: Five steps towards a more secure Europe

• disruption of international criminal networks
• prevention of terrorism and addressing radicalisation and recruitment
• raising the levels of security for citizens and businesses in cyberspace
• Strengthening security through border management
• Increasing Europe’s resilience to crises and disasters
Framework Funding Programmes to promote the implementation of EU Internal Security Strategy (ISS)

2007-2013 (Total of € 600 million)
“Prevention of and Fight Against Crime” (ISEC)

2014-2020 (Total of € 1 billion)
“Internal Security Fund - Police” (ISF - Police)
## ISEC AWP 2013

### I. GRANTS

<table>
<thead>
<tr>
<th>Description</th>
<th>Budget</th>
</tr>
</thead>
<tbody>
<tr>
<td>Action Grants i.e. Co-financing of transnational and national projects</td>
<td>€ 31,000,000</td>
</tr>
<tr>
<td>Operating grants to non-governmental organisations</td>
<td>N/A</td>
</tr>
<tr>
<td>Action grants foreseen within framework partnerships</td>
<td>€ 10,050,000</td>
</tr>
<tr>
<td>Grants to bodies in monopoly situations</td>
<td>€ 2,350,000</td>
</tr>
</tbody>
</table>

### II. OTHER ACTIONS

<table>
<thead>
<tr>
<th></th>
<th>Budget</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>€ 9,750,000</td>
</tr>
</tbody>
</table>

**TOTAL:** € 53,150,000

- **Calls for Proposals**
- **No Competition**
Prevention of and Fight against Crime (ISEC)

Organised crime is a threat to European citizens, businesses and state institutions - as well as the economy as a whole. Criminals operate across borders, and consistent European-level action is the most effective way to stop them. The Programme Prevention of and Fight against Crime (ISEC) supports such activities.

ISEC has a budget of EUR 600 million for the period 2007-13 and contributes to citizens’ security through projects that prevent and combat crime. Terrorism, human trafficking, child abuse, cybercrime, illicit drug and arms trafficking, corruption and fraud are a particular focus. The programme has four key strands:

- crime prevention
Internal Security Fund - Police

The Internal Security Fund (ISF) was set up for the period 2014-20, with a total of EUR 3.8 billion for the seven years. The Fund will promote the implementation of the Internal Security Strategy, law enforcement cooperation and the management of the Union’s external borders. The ISF is composed of two instruments, ISF Borders and Visa and ISF Police.

Achieving the key objectives

The ISF Police component of the Internal Security Fund will contribute to ensuring a high level of security in the EU. Within this general objective, the Funds’ activities will focus on achieving two specific objectives:

- **Fight against crime**: combating cross-border, serious and organised crime including terrorism, and reinforcing coordination and cooperation between law enforcement authorities and other national authorities of EU States, including with EUROPOL and other relevant EU bodies, and with relevant non-EU and international organisations;
ENFSI Monopoly Grants – Key Points

- Action Grants – **Not** Operational Grants
- **Not** 100% Funding (Initially 70%, recently 95%)
- **Not** Automatic Funding (ENFSI must submit a detailed application every time)
- **Not** Lump Sums (Every item of spending & income must be recorded)
- **Do** Involve Complex EC Spending Rules as other Grants
- **Do** involve Legal Contracts with EC
EU Grant Application Complexities for ENFSI ...

- **ENFSI Members**
- **ENFSI Non-Members**
- **EU-Member States**
- **Not EU-Member States**

**Further ISF-Police funding complications**
- **Allowed to Benefit**
  - Organisations based in all EU Member States
- **Exceptions**
  - UK and Denmark

Organisations based in all EU Member States are allowed to benefit, with exceptions for the UK and Denmark.
ENFSI Grant Application

ENFSI Board

ENFSI Secretariat
Finance Manager,
Finance Management &
Administration Team

Monopoly Programme Manager

Monopoly Programme Theme Selected by ENFSI Board

Project 1
Project Team Leader
Team Member
Team Member
Team Member
Team Member

Project 2
Project Team Leader
Team Member
Team Member
Team Member
Team Member

Project 3
Project Team Leader
Team Member
Team Member
Team Member
Team Member

Project 4
Project Team Leader
Team Member
Team Member
Team Member
Team Member

Project 5
Project Team Leader
Member
Member
Member
Member

Project 6
Project Team Leader
Team Member
Team Member
Team Member
Team Member

Etc
Monopoly Programme Themes Selected by ENFSI Board

**MP2009**
Sustainable Quality Within European Forensic Science (SQWEFS)

**MP2010**
Strengthening the Evaluation of Forensic Results across Europe (STEOFRAE)

**MP2011**
Improving Forensic Methodologies across Europe (IFMAE)

**MP2012**
Towards European Forensic Standardisation through Best Practice Manuals (TEFSBPM)

**MP2013**
Towards the Vision for European Forensic Science 2020 (TVEFS-2020)

**MP2014**
Towards the Development of Pan-European Databases in Forensic Science (TDPEDFS)
Overlapping ENFSI Monopoly Programme Implementations

|------|------|------|------|------|------|------|

Co-funded by the Prevention of and Fight against Crime Programme of the European Union
<table>
<thead>
<tr>
<th>Monopoly Grant</th>
<th>Duration</th>
<th>Funding</th>
</tr>
</thead>
<tbody>
<tr>
<td>2009 € 499,973</td>
<td>3 years</td>
<td>Reported to EC</td>
</tr>
<tr>
<td>2010 € 582,113</td>
<td>3 years</td>
<td>Reported to EC</td>
</tr>
<tr>
<td>2011 € 646,931</td>
<td>3 years</td>
<td>Reporting Underway</td>
</tr>
<tr>
<td>2012 € 537,982</td>
<td>2 years</td>
<td>Reporting Underway</td>
</tr>
<tr>
<td>2013 € 645,649</td>
<td>2 years</td>
<td>Implementation Underway</td>
</tr>
<tr>
<td>2014 € 1,425,821</td>
<td>2 years</td>
<td>Implementation Underway</td>
</tr>
</tbody>
</table>

TOTAL € 4.3 million
MONOPOLY
2009

Co-funded by the Prevention of and Fight against Crime Programme of the European Union
Monopoly Programme 2009 (SQWEFS)

<table>
<thead>
<tr>
<th>Project (P)</th>
<th>Description</th>
<th>Lead</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>P1</strong></td>
<td>The development of an ILAC guideline for the implementation of ISO-standards throughout the forensic process.</td>
<td>Christina Bertler - SE</td>
</tr>
<tr>
<td><strong>P2</strong></td>
<td>Enhancing the awareness of European Accreditation bodies to different forensic fields.</td>
<td>Christina Bertler - SE</td>
</tr>
<tr>
<td><strong>P3</strong></td>
<td>Training technical experts for quality assessment in different forensic fields.</td>
<td>Christina Bertler - SE</td>
</tr>
<tr>
<td><strong>P4</strong></td>
<td>The development of guidelines for the validation of analytical and comparative methods in forensic science.</td>
<td>Thierry De Baere - BE [Jake Irwin - UK]</td>
</tr>
<tr>
<td><strong>P5</strong></td>
<td>The development of guidelines for conducting proficiency tests and collaborative exercises in forensic science.</td>
<td>Louise McKenna - IE [Miroslaw Rosak - PL]</td>
</tr>
<tr>
<td><strong>P6</strong></td>
<td>European Forensic Education &amp; Training Network (EFETN)</td>
<td>Peter Pfefferli - CH</td>
</tr>
</tbody>
</table>

MP2009 – SQWEFS Project
Activity P1

“The development of an ILAC guideline for the implementation of ISO-standards throughout the forensic process”

ILAC-G19:08/2014

Modules in a Forensic Science Process

delivered
“The development of guidelines for conducting proficiency tests and collaborative exercises in forensic science”

delivered
MP2009 – SQWEFS
Activity P4

“The development of guidelines for the validation of analytical and comparative methods in forensic science”

delivered
MONOPOLY
2010
# Monopoly Programme 2010 (STEOFRAE)

**Start:** 1 Jan 2012  
**Finish:** 31 Dec 2014

<table>
<thead>
<tr>
<th>M1</th>
<th>The development and implementation of an ENFSI standard for reporting evaluative forensic evidence.</th>
<th>Sheila Willis - IE</th>
</tr>
</thead>
<tbody>
<tr>
<td>M2</td>
<td>The development of a knowledge examination for competence assessment.</td>
<td>Didier Meuwly - NL</td>
</tr>
<tr>
<td>M3</td>
<td>Updating the ENFSI STR BASE.</td>
<td>Ingo Bastisch - DE</td>
</tr>
<tr>
<td>M4</td>
<td>An international training seminar on the use of sub class characteristics in firearm investigations.</td>
<td>Ruprecht Nennstiel - DE</td>
</tr>
<tr>
<td>M5</td>
<td>Workshops on the application of the Bayesian approach in gunshot residue investigations.</td>
<td>Ludwig Niewoehner - DE</td>
</tr>
<tr>
<td>M6</td>
<td>Guidelines for the representative sampling of drugs for quantitative analysis.</td>
<td>Laurence Dujourdy - FR</td>
</tr>
<tr>
<td>M7</td>
<td>The evaluation of computer proficiency tests within computer forensics.</td>
<td>Hakan Bergstedt - SE</td>
</tr>
</tbody>
</table>
MP2010 – STEOFRAE Activity M1

“The development and implementation of an ENFSI guideline for reporting evaluative forensic evidence”

delivered
MP2010 – STEOFRAE Activity M2

“The development of a knowledge examination for competence assessment”

delivered
MP2010 – STEOFRAE
Activity M6

“Guidelines for the representative sampling of drugs for quantitative analysis”

delivered
MONOPOLY 2011

5 Projects

Co-funded by the Prevention of and Fight against Crime Programme of the European Union
<table>
<thead>
<tr>
<th>Z1</th>
<th>Dating of questioned documents by resins and binders in ballpoint ink entries.</th>
<th>Fritz Koehler - DE</th>
</tr>
</thead>
<tbody>
<tr>
<td>Z2</td>
<td>The development of an internet accessible database on textile fibres.</td>
<td>Kornelia Nehse - DE</td>
</tr>
<tr>
<td>Z3</td>
<td>Methodological guidelines for semi-automatic and automatic speaker recognition for case assessment and interpretation.</td>
<td>Andrzej Drygajlo - CH</td>
</tr>
<tr>
<td>Z4</td>
<td>International cooperation for testing, validation and application of ink dating methods.</td>
<td>Juergen Buegler - DE</td>
</tr>
<tr>
<td>Z5</td>
<td>Standardization of forensic image and video enhancement (S-Five).</td>
<td>Patrick De Smet - BE</td>
</tr>
</tbody>
</table>
“Methodological Guidelines for Best Practice in Forensic Semiautomatic and Automatic Speaker Recognition”
MONOPOLY
2012

12 Projects
Set of 10 BPMs from MP2012 delivered
## Monopoly Programme 2012  (TEFSBPM)

<table>
<thead>
<tr>
<th>Project</th>
<th>Lead</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>B1</strong></td>
<td><strong>Guidelines for best practice in the forensic examination of digital technology.</strong></td>
</tr>
<tr>
<td><strong>B2</strong></td>
<td><strong>Pan-European best practice in forensic handwriting examinations.</strong></td>
</tr>
<tr>
<td><strong>B3</strong></td>
<td><strong>BPM for colouring methods in gunshot residue analysis.</strong></td>
</tr>
<tr>
<td><strong>B4</strong></td>
<td><strong>BPM for road accident reconstruction examination.</strong></td>
</tr>
<tr>
<td><strong>B5</strong></td>
<td><strong>Microscopic identification and comparison of human and animal hair best practice manual.</strong></td>
</tr>
<tr>
<td><strong>B6</strong></td>
<td><strong>BPM for fingerprint examination.</strong></td>
</tr>
</tbody>
</table>

**Start:** 1 Jan 2014  
**Finish:** 31 Dec 2015
<table>
<thead>
<tr>
<th>B7</th>
<th>Specification for DNA pattern recognition and comparison.</th>
<th>Ulrich Neuhaus-Steinmetz - DE</th>
</tr>
</thead>
<tbody>
<tr>
<td>B8</td>
<td>BPM for the application of molecular methods for the forensic examination of non-human biological traces.</td>
<td>Andreas Hellmann - DE</td>
</tr>
<tr>
<td>B9</td>
<td>BPM for the forensic recovery, identification and analysis of explosive traces.</td>
<td>Matthew Beardah - UK</td>
</tr>
<tr>
<td>B10</td>
<td>BPM for the forensic investigation of fire scenes which have resulted in fatalities.</td>
<td>Niamh Nic Daeid - UK</td>
</tr>
<tr>
<td>B11</td>
<td>BPM for the forensic investigation of fire scenes which involve the clandestine manufacture of improvised or homemade explosive devices.</td>
<td>Niamh Nic Daeid - UK</td>
</tr>
<tr>
<td>B12</td>
<td>BPM for the forensic investigation of fire scenes which involve the clandestine manufacture of illicit synthetic drugs.</td>
<td>Niamh Nic Daeid - UK</td>
</tr>
</tbody>
</table>
MONOPOLY 2013

6 Projects
## Monopoly Programme 2013 (TVEFS-2020)

**Start: 1 Jan 2015**  **Finish: 31 Dec 2016**

<table>
<thead>
<tr>
<th>Project</th>
<th>Lead</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>T1</strong> Creation and use of an international database of ignitable liquids and substrates.</td>
<td>Jeanet Hendrikse - NL</td>
</tr>
<tr>
<td><strong>T2</strong> Development and implementation of new analytical methods and databases for the detection of additives in fuels and fire debris (AddFuel).</td>
<td>Frank Schäfer - DE</td>
</tr>
<tr>
<td><strong>T3</strong> Proficiency Tests for the Fingerprint Domain (PT4Finger).</td>
<td>Aldo Mattei - IT</td>
</tr>
<tr>
<td><strong>T4</strong> SmartRank: A likelihood ratio software for searching national DNA databases with complex DNA profiles.</td>
<td>Titia Sijen – NL [Hinda Haned – NL]</td>
</tr>
<tr>
<td><strong>T5</strong> DNAActivity: International cooperation in activity level interpretation of forensic DNA evidence.</td>
<td>Ate Kloosterman - NL</td>
</tr>
<tr>
<td><strong>T6</strong> The development of a statistical software package with user-friendly graphical user interface for likelihood ratio calculations.</td>
<td>Annabel Bolck - NL</td>
</tr>
</tbody>
</table>
MONOPOLY 2014

5 Projects
# Monopoly Programme 2014 (TDPEDDFS)

<table>
<thead>
<tr>
<th></th>
<th>Project</th>
<th>Lead</th>
</tr>
</thead>
<tbody>
<tr>
<td>N1</td>
<td>Towards Big Forensic Data (TBFD) - Feasibility Study &amp; Proof of Concept</td>
<td>Kornelia Nehse - Berlin (DE)</td>
</tr>
<tr>
<td>N2</td>
<td>Geographical distribution of firearms and gunshot residue throughout Europe: databases that help experts to report beyond the source level</td>
<td>Amalia Brouwer-Stamouli - The Hague (NL)</td>
</tr>
<tr>
<td>N3</td>
<td>European Smoke and Ink Staining System Plus (EuSIISS+)</td>
<td>Sandrine Lauper - Ecully (FR)</td>
</tr>
<tr>
<td>N4</td>
<td>Forensic Substance Database on Explosives (FoSDE)</td>
<td>Rasmus Schulte-Ladbeck - Wiesbaden (DE)</td>
</tr>
<tr>
<td>N5</td>
<td>Data platform for the combination of various databases and research-projects in the field of forensic document examination</td>
<td>Rolf Fauser - Stuttgart (DE)</td>
</tr>
</tbody>
</table>

Start: 1 Jan 2016           Finish: 31 Dec 2017
MONOPOLY

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