ENFSI European Fingerprint Working Group

Best Practice Manual for Fingerprint Examination

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1 Framework: Development

2 Content: Chapters of the Manual

3 Future: Update and further elaborations
Towards European Forensic Standardisation through Best Practice Manuals (TEFSBPM)

“With the financial support of the Prevention of and Fight against Crime Programme
European Commission – Directorate-General Home Affairs”

2011 EU Council Decision - Council conclusions on the vision for European Forensic Science 2020

the EU Member States and the EC working together to ensure the even-handed, consistent and efficient administration of justice and the security of citizens in the area of forensic science
Monopoly Project 2012

“With the financial support of the Prevention of and Fight against Crime Programme
European Commission – Directorate-General Home Affairs”

**TEFSBPM project**: 12 forensic disciplines selected by the ENFSI Board and granted to develop best practice manuals to facilitate the standardisation in forensic sciences across European Union. The project is an important stepping stone in the realization of the 2020 Vision with contributions towards several of the vision statements within the EU Council Decision
The key objective of TEFSBPM will be the harmonisation of the forensic Best Practice Manuals (BPMs) across Europe involving a wide range of forensic areas. The development of these BPMs will be in line with the following general principles:

1. The BPMs will be developed in line with the core values recognised across the ENFSI community.
2. The forensic BPMs will have a broad scope and include such areas as personnel, equipment, materials and premises.
3. The BPMs will be drafted in line with the ENFSI document “Guidance on the Production of Best Practice Manuals within ENFSI” and will use the ENFSI BPM template.
Project B1
Guidelines for Best Practice in the Forensic Examination of Digital Technology

Project B2
Pan-European Best Practice in Forensic Handwriting Examinations

Project B3
Best Practice Manual for Colouring Methods in Gunshot Residue Analysis

Project B4
Best Practice Manual for Road Accident Reconstruction Examination

Project B5
Microscopic Identification and Comparison of Human and Animal Hair Best Practice Manual
Project B6
Best Practice Manual for Fingerprint Examination

Project B7
Specification for DNA Pattern Recognition and Comparison

Project B8
Best Practice Manual for the Application of Molecular Methods for the Forensic Examination of Non-Human Biological Traces

Project B9
Best Practice Manual for the Forensic Recovery, Identification and Analysis of Explosives Traces
**Project B10**
Best Practice Manual for the Forensic Investigation of Fire Scenes which have Resulted in Fatalities

**Project B11**
Best Practice Manual for the Forensic Investigation of Fire Scenes which involve the Clandestine Manufacture of Improvised or Homemade Explosive Devices

**Project B12**
Best Practice Manual for the Forensic Investigation of Fire Scenes which Involve the Clandestine Manufacture of Illicit Synthetic Drugs
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Developed between 2014 and 2015, 7 in person meetings, peer reviewed by an external independent panel of experts (from USA and EU).
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http://www.enfsi.eu/sites/default/files/documents/6._fingerprint_examination_0.pdf
• Official language: English

• Translations allowed

• Translations soon available:
  • Spanish
  • German
The document considers:

- Visualisation (development);
- Imaging;
- Individualisation (ACE-V)

Limited application to the laboratory procedures (Not for Crime Scene)

Philosophy underneath the document

“DO NOT reinvent the wheel”
General information

- Gives an overview of the state of the art of the current best practices adopted by laboratories in EU
- Overarching document above the local SOPs
- Applicable to different legal systems
- It is NOT a Standard
• 16 Chapters and 2 Appendix
• Chapters:
  • Aims
  • Scope
  • Definitions and Terms
  • Methods: Fingermark Visualisation and Imaging
    • CAST FVM
  • Methods: Fingermark Individualization (ACE-V)
• Chapters:
  • Validation and uncertainty of measurement
  • Proficiency testing
  • Customer or case requirements
  • Initial examination
  • Handling items
  • Case review
  • Presentation of evidence
  • Health and safety
  • References
REFERENCES


[5] GYRO system – A recommended approach to more transparent documentation G.Langenburg/C.Champod, JFI volume 61 issue 4, p. 373-384


• Appendix 1:
  • Fingermark visualisation processes
• Appendix 2:
  • Glossary (special references)

¹Forensic Science Regulator, Codes of Practice and Conduct: Fingerprint Comparison, FSR-C-128
What’s next?

- Creation of a permanent ENFSI EFPWG BPM Task Group on a voluntary base
- Schedule a mandatory revision of the BPM in a timeframe of 2 years
- Ver. 02 issued by November 2017
- Call for peer review panelists May 2017
What’s next?

• Any potential document of interest and/or standard published within the timeframe will be considered and eventually referenced or incorporated (with the agreement of the authors)

• Potential interest to collect general public comments and/or stakeholders comments before release of Ver. 02
Monopoly Project T3
PTs and CEs in fingerprint domain

Objectives

• develop two global PTs/CEs for ENFSI members within the years 2015-2016
• gain the knowledge on the real costs associated
Anything else?

- Start to draft a manual on minimum requirements
- It will refer to existing or soon to be published standards
- The scope of the document will be to fix the baseline of acceptability of the operational procedure in the fingerprint laboratories within ENFSI
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Thank you