
ANNUAL REPORT 2014

European Network of Forensic Science Institutes

ENFSI



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ENFSI BOARD



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(INCC, Belgium)



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ENFSI SECRETARIAT



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(CFLP, Poland)



Katarzyna Zwierzyk, ENFSI
Co-secretary (CFLP, Poland)

Üllar Lanno

CHAIRMAN OF THE 18TH ENFSI BOARD



MESSAGE
FROM THE CHAIRMAN

In 2014, ENFSI, together with its 20 global partners entered into the new milieu of “transformation artwork”. The need for forensic science conformity and internal perfectibility was enforced by the new understanding in various aspects of today’s European internal security. Modern forensic support includes specialised assistance to the law enforcement forces within the first 48 hours after the discovery of crime. Merging of reliable forensic data sources and guaranteed accessibility by all the European forensic lab personnel will play a key role in future success rates and discoveries. Another amplifying input to the continuous improvement in forensic science is related to the new arrivals of novel and more sensitive technology, which enhanced expectations of our partners to unpredictable beliefs.

Undoubtedly, ENFSI organisation has been recognised as valuable partner of the Council of European Union since 2009. The network’s more than 60 laboratories synchronised their forces to support Council conclusions on the vision for European Forensic Science 2020 including the creation of a European Forensic Science Area and the development of forensic science infrastructure in Europe. The European wide multi-annual projects focused on several mutual interest areas such as: Sustainable Quality within European Forensic Science (2009), Strengthening the Evaluation of Forensic Results across Europe (2010), Improving Forensic Methodologies across Europe (2011), Towards European Forensic Standardisation through Best Practice Manuals (2012) and Towards European Forensic Science Area 2020 (2013). The 2014 annual project theme is quite logic as well – Towards to the Development of Pan European Forensic Databases with a Shared Data Model.

This last theme is one of the priority areas of the renewed strategic aims of ENFSI for the next four years. ENFSI Strategic Plan and Action Plan got final approval at Bratislava Annual Meeting in May 2014. According to the plans, our long term activities are related to focusing on the scientific basis of forensic databases in order to strengthen capability to conduct statistical and empirical scientific research. Our second priority is centred around quality improvements in processes, as improved scientific quality will lead to more reliable and objective results from the services delivered by forensic science institutes. This comprises the European and global initiatives for harmonisation and standardisation in the forensic community. Our third priority speaks of innovation initiatives to make the latest state-of-the-art science and technology available to the end-users of forensic investigations. Our last priority is focused on sustainability in forensic leadership – Forensic Governance and its challenges.

We shared our European view with the global expertise of forensic science through the contribution to the Minimum Requirement documents for the first free fields: scene of crime activities, DNA – and drug analysis. All these documents were produced by the International Forensic Science Alliance (IFSA), approved at Forensic Festival in Seoul, Republic of South Korea, and released through the ENFSI public website.

This ENFSI Annual Report highlights the activities that ENFSI was involved in throughout the last year. All the ENFSI activities and achievements would need a space which is much bigger, than the following pages. In case of a deeper interest we can meet again at www.enfsi.eu

Enjoy your reading and let’s stay close.

Üllar Lanno
Chairman of the 18th ENFSI Board



Forensic Science Division

NEW PLACES,
NEW FACES

NEW PLACES,

NEW PLACES, NEW FACES

NEW FACES

NEW PLACES, NEW FACES

NEW PLACES, NEW FACES



FSD Premises Located in Athens, Greece.

NEW ENFSI MEMBER FROM GREECE

In 2014, ENFSI enlarged the list of its Member-laboratories by accepting Forensic Science Division (FSD) from Athens, Greece. The positive decision of the ENFSI Board was based on the assessment visit performed by Member-representative, Mrs. Lourdes Puigbarraca i Sol and the Chair of QCC, Mr. Sasa Zugaj. The assessment revealed that FSD meets all the eligibility criteria and therefore is ready to join ENFSI.

FSD is the only State Forensic Service of Greece, providing its expertise in the field of scientific crime investigation to Greek Judicial and Law Enforcement Authorities. The FSD is managed by Mr. Ploumis Emmanouil. The role of Quality Manager and Permanent ENFSI representative is played by Mr. Nikolaos Skartsis.

FSD Expert
Performing Daily
Work.



The Equipment of
FSD Facilitating
the Delivery of
Forensic Services.



NEW PLACES,
NEW FACES



FSD Headquarters Located
in Athens, Greece.



Scientific Work at FSD.



STRUCTURE

FSD consists of ten different Departments and the Subdivision of
Biological & Biochemical Examinations & Analyses.



FSD ACCREDITATION – QUALITY MANAGEMENT SYSTEM

FSD's Quality Management System was established in June 2012 and it complies with the terms of ELOT EN ISO 9001:2008, ELOT EN ISO / IEC 17020:2012 and ELOT EN ISO / IEC 17025:2005. FSD is accredited against ELOT EN ISO 17025:2005 to carry out certain tests in the field of fingerprint examination, firearms and toolmarks examination, false documents and counterfeit currency examination, chemical and physical examination and biological/biochemical examination and analyses.

STAFF

In total, FSD employs 416 individuals.
The scientific staff consists of 191 experts.



ENFSI

ENFSI in CLOSE-UP

ENFSI in CLOSE-UP

ENFSI in CLOSE-UP

in CLOSE-UP

ENFSI in CLOSE-UP

ENFSI in CLOSE-UP

ENFSI in CLOSE-UP

Standing Committees

ENFSI IN
CLOSE-UP

QCC STANDING COMMITTEE

The Quality and Competence Standing Committee (QCC) acts as an advisor and coordinator to relevant ENFSI entities on matters of quality and competence in a broad sense. 2014 was a very active and productive year in terms of the activities performed by the QCC Members. Last year, the scope of QCC actions comprised the development of quality-related policies, providing advice to relevant ENFSI entities, supporting the ENFSI Members to comply with international standards and best practice including achieving and maintaining accreditation. Similar to previous years, in 2014, the Committee, supported the implementation and maintenance of Competence Assessment (CA) systems, organised meetings on quality and competence topics and kept an overview of the ENFSI member's accreditation status. The Committee members put a lot of efforts in liaison with external organisations which are active in the quality and competence field.

In addition to the above, throughout the last year, the QCC continued its involvement in the HOME/2012/ISEC/MO/4000004278 Monopoly Programme entitled "Towards European Forensic Standardisation through Best practice Manuals" (TEFSBPM). The QCC activities within this scope included, among others, meetings with Project Teams involved in drafting Best Practice Manuals. The Committee played a leading role in organising the Open and Mid-term conferences of the MP2012 Programme and in supervising the overall progress in the Programme. This support will continue in 2015. The ENFSI Quality and Competence Liaison Group (QCLG) had its annual meeting in Barcelona (Spain). This was held in conjunction with the Mid-term conference organised under the MP2012 Programme. The



Participants of QCLG Conference held in Barcelona, Spain, in November 2014.



Chair of QCC, Mr. Sasa Zugaj (on the left) during the QCLG Conference.

MEETINGS IN 2014

In 2014, the QCC met four times – January 2014 in Linköping, Sweden, March 2014 in Wiesbaden, Germany, June 2014 in London, UK and September 2014, in Zagreb, Croatia. The meetings allowed the Committee to make progress in the process of creating and updating the list of available PT/CE. In between the meetings, the members of the Committee continued their cooperation with external stakeholders such as CEN/TC419 or ILAC, to mention only a few.



On the right:
Members of
R&D SC during
a discussion in
Brussels.

On the left:
Participants of
R&D SC Meeting
held in Brussels.

event took place on 5-6 November 2014. Last but not least, the QCC finalised the new version of the Validation Guideline, which was then formally approved by the ENFSI Board and undertook an annual survey of ENFSI members which provide the QCC with important information for the planning of its activities.

QCC MEMBERS:

- Mr. Saša Žugaj (Chairman, FSC, Croatia),
- Mr. Ralph Kleuskens (Vice-chairman, NFI, The Netherlands),
- Mrs. Maria Kambosos (BKA, Germany),
- Mrs. Chanda Lowther-Harris (MPS, UK),
- Mrs. Merike Rump (ENFSI, Estonia),
- Mr. Wim Neuteboom (MP2012 – Project Leader, NFI, The Netherlands),
- Mr. Ondrej Laciak (Board representative, IFS, Slovakia).

R&D STANDING COMMITTEE

The year 2014 meant for ENFSI and, therefore, the Research and Development Standing Committee (R&D SC) a realignment towards the new ENFSI Strategy 2014-2017. Research and Development is a significant part of this strategy. The R&D SC has continued to assist the ENFSI Board with their R&D priorities related to strengthening the empirical scientific basis of forensic science and “creating funding opportunities for the forensic community”.

MONOPOLY PROGRAMME 2014

One of the most significant steps in 2014 has been made in relation with the development of Pan-European Databases. After the ENFSI decision to use the Monopoly Programme 2014 Funding for a coherent program related to Databases, the R&D SC has been asked to structure the call and selection procedure for relevant projects in this area. During the second half of 2014 a call for proposals has been

sent to all Expert Working Groups. This call has resulted in the selection of a number of projects during the R&D SC meeting and the Joint Meeting with the ENFSI Board and Expert Working Group Chairs held in Lisbon, in December 2014.

R&D FUNDING

Another significant step in 2014 has been made during a number of constructive and strategic discussions with representatives of the European Union (DG Research and DG Home). On request of the European Union, R&D SC has written a position paper on the future needs for forensic research. This has resulted in an in-depth follow-up discussion in September 2014 in Brussels in order to list necessities for future R&D funding needs, as seen by the relevant sector.

MEMBERS OF THE R&D SC

- Mr. Marcel van der Steen (Chairman, NFI, The Netherlands),
- Mr. Thomas Biermann (BKA, Germany),
- Mr. Christophe Champod (ECS, Switzerland),
- Mrs. Laurence Dujourdy (INPS, France),
- Mr. Jim Fraser (CFS, UK),
- Mr. Sean McDermott (FSL, Ireland),
- Mr. Bart Nys (INCC, Belgium),
- Mr. Tapani Reinikainen (RTL, Finland),
- Mr. Yves Schuliar (IRCGN, France),
- Mrs. Dominique Saint-Dizier, (Board Representative, INPS, France).

SUBGROUPS

In order to create progress in the different strategic focus areas of ENFSI three subgroups have been created within the RDSC. These are (Chairs between brackets):

- Databases (Bart Nys),
- Funding (Yves Schuliar),
- Education and Training (Marcel van der Steen).

Expert Working Groups





The Annual Meeting
of Handwriting Expert
Working Group.

ENFSI Meetings

ENFSI EXPERT WORKING GROUPS

In 2014, the 17 ENFSI Expert Working Groups continued to provide an ongoing European exchange of information on established methods of examination as well as novel approaches in the respective scientific fields.

Almost every Expert Working Groups held an Annual Business Meeting in conjunction with a scientific programme, e.g. lectures, workshops, or poster sessions.

The Expert Working Groups issued new or amended the existing best practice manuals as guidance for ENFSI Member-laboratories currently developing their own specific standard operation procedures. In 2014, three ENFSI Expert Working Groups made considerable contributions to the Minimum Requirements for "Crime Scene Investigation", "DNA Collection, Analysis, and Interpretation" and "Identification of Seized Drugs" in collaboration with experts from our partners in the International Forensic Strategic Alliance (IFSA). Furthermore, the Expert Working Groups organised proficiency tests and collaborative exercises, mostly designed by a small group of volunteers according to previously identified demands or challenges. These tests and exercises are in this sense unique and not available elsewhere on the market.

The Expert Working Groups are most often the initiators of new research and development projects, which may be funded by Monopoly Programme Grants by the European Union. During the Joint Meeting of all Expert Working Groups Chairs with the ENFSI Board and the Chairs of the Standing Committees, held in December 2014 in Lisbon, the ENFSI proposal for the Monopoly call within the Internal Security Fund of the European Union was one of the main topics. Further, the delegates discussed possible improvements in the management and controlling of the Expert Working Groups, resulting in proposals for amendments to several ENFSI frameworks.

BEST WORKING GROUP AWARD

The ENFSI Expert Working Groups Award 2014 was granted to the Drugs Working Group for their outstanding activities and contributions to their field of expertise.

It has to be emphasised that all ENFSI members must support the Expert Working Groups by allowing their employees to take part in annual meetings, the steering committees, and project groups. The Expert Working Groups are the network of experts in ENFSI.

ENFSI SECRETARIAT

2014 marked the second year of the activities by the ENFSI Secretariat located in Poland. The Secretariat of the ENFSI network was moved to Warsaw, Poland, on 1 January 2013, based on the decision of the ENFSI Member-representatives taken at the Annual Meeting 2012 held in Dublin, Ireland. Previously, for 10 years, it was hosted in the Hague, the Netherlands.

In 2014, the Secretariat continued its regular work performed in order to facilitate the daily activities of ENFSI. Tasks were performed by Ms. Ewa Klimuk and Ms. Katarzyna Zwierzyk. The range of the performed activities was very broad. These included administrative, operational and communicative work performed for, and on behalf of ENFSI Board and ENFSI Members.

The work of the Polish Secretariat will continue also in 2015. Then, depending on the decision of the ENFSI Member-representatives to be taken at the ENFSI Annual Meeting 2015, the Secretariat will be transferred to another European country.



Ewa Klimuk,
ENFSI Secretary
(CFLP, Poland)



Katarzyna Zwierzyk,
ENFSI Co-secretary
(CFLP, Poland)



ENFSI ANNUAL MEETING IN BRATISLAVA

In 2014, ENFSI Annual Meeting was held in Bratislava, Slovakia, on 22-23 May. Meeting venue was located in Sheraton hotel and the gathering as such, was attended by 56 (out of 64) ENFSI Member-representatives. This constituted a necessary quorum. Apart from ENFSI Member-representatives, the meeting participants included the ENFSI Standing Committee Chairs as well as guests invited by the local host, Institute of Forensic Science in Bratislava.

ENFSI ENFSI ANNUAL MEETING

According to ENFSI tradition, the Bratislava meeting consisted of two parts, thematic and business one. The thematic part was initiated by the speech of the local host, Mr. Ondrej Laciak who welcomed the participants and wished them all a fruitful discussion. This was followed by the speech of the President of Slovak Police Forces, General Dr. Tibor Gašpar. The rest of the thematic part was covered by Mr. Kristof De Pauw's (Belgian Federal Highway Police, Brussels) presentation on corporate social responsibility, the speech of Mrs. Rut Erdelyiova (Slovak Ministry of Interior) focused on the Slovak vision for the new EU financial perspective 2014-2020 as well as a lecture of Mr. Wim van Geloven (NFI, the Hague), which centered around forensic governance.

ENFSI Business Meeting which followed the thematic part was



The Chairman of the
18th ENFSI Board
(on the right) and
the Local Host of the
AM2014,
Mr. Ondrej Laciak.

Interesting Social
Programme
of AM2014.



On the Left: Official
Dinner held during
Joint Meeting 2014.

On the Right:
Participants of
London Board
Meeting.



formally opened by the Chairman of the 17th ENFSI Board, Mr. Üllar Lanno (EFSI, Tallinn). The anthem of ENFSI was beautifully played by the Slovak Police Orchestra. The Business part served its purpose and gave the ENFSI Membership a possibility to discuss the issues of utmost importance to the entire ENFSI community. The Bratislava discussion included, among others, the election of the new, 18th ENFSI Board. In course of the voting, the Member-representatives elected Mr. Jan De Kinder as the new Chairman designate. Due to the early leaving of his predecessor (Mr. Tjark Tsin-A-Tsoi from the NFI, The Hague), his term as the designate will last only one year and not two years as foreseen in ENFSI bylaws. In addition, the Membership chose Mrs. Dominique Saint-Dizier and Mr. Ondrej Laciak as new Board Members replacing Mrs. Lourdes Puigbarraca (CME, Barcelona) and Mr. Hans Henrik Jensen (KTC, Vanloese), stepping down from their functions. Other topics raised and discussed in Bratislava covered ENFSI Strategic Plan 2014–2017 and the presentation of four focus areas included in the strategic document i.e. scientific basis of forensics, process and scientific quality, innovation initiatives and the good governance challenges. As mentioned in the four year plan, ENFSI can play a role in developing new databases and bringing them together as much as possible as well as creating the necessary platform for statistical and empirical research

within the community. ENFSI will also facilitate the development of consortia and R&D projects to create the necessary statistical and empirical research. It will be also involved in the discussion and development of new and improved standards. Last but not least, ENFSI will identify best practices and make the information available in order to improve the necessary managerial skills to deal with the above mentioned challenges. During the meeting, the Membership was provided with a detailed summary of annual activities of ENFSI Standing Committees for Quality, R&D and E&T. The presentations were delivered by the committees Chairs, Mr. Saša Žugaj, Mr. Marcel van der Steen and Mr. Peter Pfefferli respectively. In addition to the presentation of the last year activities of E&T Standing Committee, the Chairman of the 17th ENFSI Board, Mr. Üllar Lanno informed the Membership that the Board took a decision on the suspension of E&T SC activities as of Annual Meeting 2014. In the future, E&T related tasks will be performed by QCC and R&D Standing Committees respectively. The Bratislava Annual Meeting served as an opportunity to sum up accreditation-related progress and decide on the future of non-accredited laboratories. The topic was presented by the Chairman, Mr. Üllar Lanno (EFSI, Tallinn). It turned out that three of the suspended laboratories did not manage to obtain accreditation by May 2014.

Other topics discussed in Bratislava touched upon ENFSI finances, Expert Working Groups, new internal website for ENFSI, cooperation with CEN/TC 419 and European Academy of Forensic Science to take place in Prague, Czech Republic, in September 2015. Thanks to the Slovak organisers, the meeting was characterized by a pleasant atmosphere favourable to fruitful discussions. The next Annual Meeting of ENFSI will take place in Pontoise, France in May 2015.



ENFSI Member-
representatives at
the AM2014 held in
Bratislava, Slovakia.

ACKNOWLEDGEMENTS

ENFSI Community would like to thank the local host,
Institute of Forensic Science in Bratislava,
for the perfect organisation of ENFSI Annual Meeting 2014.

ENFSI JOINT MEETING

ENFSI Joint Meeting 2014 took place in Lisbon, Portugal, and was held on 10–12 December. The participants constituted the 18th ENFSI Board, Chairs of Expert Working Groups and two ENFSI Project Groups. The meeting was also attended by the Chairs of QCC and R&D SC as well as the ENFSI Secretary, Ms. Ewa Klimuk and ENFSI Monopoly Programme Manager, Mr. Richard Gill. The meeting was organised by Mr. Carlos Farinha, the Director of Laboratory of Scientific Police in Lisbon, and hosted in the modern building of the headquarters of the Scientific Police. The vast part of the meeting was covered with a discussion concerning ENFSI Monopoly Programme 2014. Joint Meeting participants were provided with the selected proposals to be executed under MP2014. They were also informed on the technical details related to MP2014.

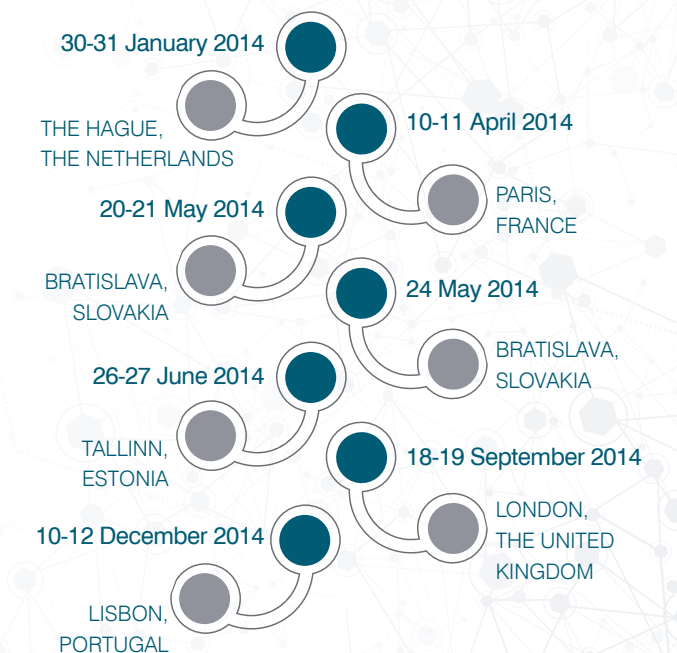
Another important part of the meeting was the discussion on EWG activities in 2014. Board Member, Mr. Thomas Andermann provided the participants with an evaluation of EWG performance in 2014 and a review of their plans for 2015. The presentation by Mr. Andermann was centered around some indicators, which were applied to each EWG. These included: EWG activities (organising meetings and scientific seminars, collaborative studies and proficiency tests, advising relevant partners on forensic issues, publishing best practice manuals, EWG structure, E&T, R&D as well as QCC related activities, highlights from EWG Annual Meetings etc).

Some part of the meeting was spent on proposing changes to be introduced into the Framework for Finances and the Framework for Working Groups, pending the agreement of the Membership at the AM2015. These changes concern mainly the financial contribution of the Associate Members and a better structured operation of the Working Groups. In addition to this, EWG chairs and the remaining participants were introduced to the details related to the development of ENFSI internal website developed in Estonia.

ENFSI BOARD MEETINGS

In 2014, ENFSI Board gathered seven Times. The meetings were held in The Hague (17th ENFSI Board), in Paris (17th ENFSI Board), in Bratislava (17th ENFSI Board and 18th ENFSI Board respectively), in Tallinn (18th ENFSI Board), in London (18th ENFSI Board) and in Lisbon (18th ENFSI Board). The dates of the respective meeting are presented below. In the meantime, representatives of the 18th ENFSI Board paid a one day visit to the headquarters of ENFSI Secretariat in Warsaw. The Warsaw meeting allowed the new Members of the 18th ENFSI Board to familiarise themselves with the functioning of the Secretariat in Poland. In addition to regular meetings, the Board organised six teleconferences which were held in between the meetings. In 2014, the priorities of the Board included improvement of internal communication within ENFSI by developing new ENFSI website and new legal establishment of ENFSI.

BOARD MEETINGS



ENFSI Monopoly Programmes



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



Participants of the MP2012 Mid-term Conference held in Barcelona, Spain.

MONOPOLY STATUS OF ENFSI

In 2009, the European Commission recognised ENFSI as the sole voice of the forensic science community in Europe.

Since that time, ENFSI has been involved in the execution
of Monopoly Programmes funded by the EC.

The most significant development over 2014 has been the news that the monopoly status of ENFSI within the EU will remain in place for future years. This was announced in the context of a new 7-year EU funding programme launched by the European Commission (EC) Directorate-General Migration & Home Affairs. The grants will continue to be awarded to ENFSI as an organisation recognised by the EU as having a monopoly status in the area of forensic science. To date, the EU monopoly grants to support forensic cooperation across Europe have been made available under the General Programme on Security & Safeguarding Liberties / Specific Programme on Prevention of and Fight against Crime (ISEC). That funding programme has ended and has been replaced by the Internal

Security Fund-Police (ISF-Police) set up for the period 2014-2020. The first ISF-Police Annual Work Programme (AWP) in 2014 includes a potential direct grant for ENFSI of up to €1,500,000. The ENFSI grant application will be submitted to the EC in the spring of 2015 describing an ambitious project to promote the sharing of forensic databases across national boundaries. There will be an overarching activity looking at the many challenges to the sharing of databases across Europe (technical, security, commercial, legal etc), the feasibility of bringing forensic databases together through a common portal and the building of a pilot version of that portal as a demonstrator with the potential for wider implementation in the future. Alongside the overarching activity there will also be a

"TOWARDS THE VISION FOR EUROPEAN FORENSIC SCIENCE 2020 (TVEFS-2020)"

In the middle of 2014, ENFSI signed a further monopoly grant agreement, arising from the ISEC 2013 AWP. This 2 year work programme entitled "Towards the Vision for European Forensic Science 2020 (TVEFS-2020)" started implementation on 1st January 2015. Thus, in January 2015, three simultaneous monopoly work programmes were being implemented (2011, 2012 and 2013).

The first two will complete their implementations by the end of 2015.

series of specific activities developing new forensic databases or improving existing databases.

The early part of 2014 saw the completion of the report work for the first monopoly programme "Sustainable Quality within European Forensic Science (SQWEFS)" funded by an EU grant in 2009. After the submission of the final SQWEFS reports, the response from the EC has been very positive with the EC evaluators rating the work as "good" and making the following comments:

At the end of 2014, the implementation work for the second monopoly programme funded by an EU grant in 2010 came to an end - "Strengthening the Evaluation of Forensic Results across Europe (STEOFRAE)". This 3-year work programme started in January 2012 and finished on 31st December 2014. The final STEOFRAE reports will be submitted to the EC during the early part of 2015.

The STEOFRAE project was designed to promote best practice in the evaluation and interpretation of the results arising from forensic examinations throughout Europe. This supports the

idea that common approaches and standards are essential to facilitate the use of forensic results to fight crime across international borders. Furthermore, the application of common approaches to the interpretation of scientific findings should point towards the same conclusions. The STEOFRAE work has made significant contributions in several key areas:

TWO NEW GUIDELINE DOCUMENTS:

- An 'ENFSI Guideline for Evaluative Reporting in Forensic Science' together with associated case examples and a roadmap to implementation. These important documents represent a key landmark for European forensic institutes as they move towards a general shared approach for the evaluation of forensic results.
- 'Guidelines on Sampling of Illicit Drugs for Quantitative Analysis' related to the sampling of bulk illicit drug batches such that the reported quantitative results can be defended as being representative of the bulk material. The development of these guidelines has required fundamental scientific work leading to the publication of 3 papers in scientific journals.

ENFSI MONOPOLY PROGRAMME 2011

MONOPOLY PROJECTS (2011) – 3 year programme (grant awarded € 646,931)

PROGRAMME THEME: "Improving Forensic Methodologies across Europe (IFMAE)".

CURRENT STATUS: Grant Agreement signed / Work commenced on 1st January 2013

Z1	Dating of questioned documents by resins and binders in ballpoint ink entries.	Fritz Koehler (BKA - Germany)
Z2	The development of an internet accessible database on textile fibres.	Kornelia Nehse (LKA Berlin - Germany)
Z3	Methodological guidelines for semi-automatic and automatic speaker recognition for case assessment and interpretation.	Andrzej Drygajlo (ESC - Switzerland)
Z4	International cooperation for testing, validation and application of ink dating methods.	Juergen Buegler (BLKA Munich - Germ)
Z5	Standardisation of forensic image and video enhancement (S-Five).	Patrick De Smet (INCC - Belgium)

ENFSI MONOPOLY PROGRAMME 2012

MONOPOLY PROJECTS (2012) – 2 year programme (grant awarded € 537,982)

PROGRAMME THEME: “Towards European Standardisation through Best Practice Manuals (TEFSBPM)”.

CURRENT STATUS: Grant Agreement signed / Work commenced on 1st January 2014.

B1	Guidelines for best practice in the forensic examination of digital technology.	Gregory Webb (MPS - UK)
B2	Pan-European best practice in forensic handwriting examinations.	Jonathan Morris (SPSafs - UK)
B3	Best practice manual for colouring methods in gunshot residue analysis.	Amalia Brouwer-Stamouli (NFI - The Netherlands)
B4	Best practice manual for road accident reconstruction examination.	Lina Lazarenko (FSCL - Lithuania)
B5	Microscopic identification and comparison of human and animal hair best practice manual.	Chris Gannicliffe (SPSafs - UK)
B6	Best practice manual for fingerprint examination.	Slobodan Oklevski (Mol- Republic of Macedonia)
B7	Specification for DNA pattern recognition and comparison.	Ulrich Neuhaus-Steinmetz (LKA Berlin - Germany)
B8	Best practice manual for the application of molecular methods for the forensic examination of non-human biological traces.	Andreas Hellmann (BKA - Germany)
B9	Best practice manual for the forensic recovery, identification and analysis of explosives traces.	Matthew Beardah (Dstl - UK)
B10	Best practice manual for the forensic investigation of fire scenes which have resulted in fatalities.	Niamh Nic Daeid (CFS - UK)
B11	Best practice manual for the forensic investigation of fire scenes which involve the clandestine manufacture of improvised or home-made explosive devices.	Niamh Nic Daeid (CFS - UK)
B12	Best practice manual for the forensic investigation of fire scenes which involve the clandestine manufacture of illicit synthetic drugs.	Niamh Nic Daeid (CFS - UK)

TRAINING AND WORKSHOP EVENTS:

- The delivery of funded training for groups of forensic scientists in the interpretation of forensic results. This has involved FORSTAT Workshops (University of Edinburgh, UK and the Institute of Forensic Research in Krakow, PL) and the ‘Statistics and the Evaluation of Forensic Evidence’ Course (University of Lausanne, CH).

- The organisation of a European training seminar on the use of sub-class characteristics in firearm investigations to promote best practice in the interpretation of marks on ammunition as used for the identification of weapons.
- The delivery of 2 workshops to consider the application of modern statistical methods (Bayesian approach) to the interpretation of gunshot residue cases.

COMPUTER BASED ACTIVITIES:

- The implementation of an on-line competence examination for general forensic knowledge, the teaching of the relevant syllabus at 2 regional seminars (with video recording for future use) and a first cohort of candidates taking the examination.
- The completion of an important update to the existing online ENFSI STR DNA software that is widely used for the interpretation of DNA casework results (www.strbase.org).
- The development and evaluation of a proficiency test for the forensic examination of computers where the interpretation of findings can be complex.

The full details of the ENFSI monopoly programmes (2011 to 2013) are provided below.



ENFSI Monopoly Programme Manager, Mr. Richard Gill (on the left) and the leader of MP2012, Mr. Wim Neuteboom.

ENFSI MONOPOLY PROGRAMME 2013

MONOPOLY PROJECTS (2013) – 2 year programme (grant awarded € 645,649) - ISEC funding

PROGRAMME THEME: “Towards the Vision for European Forensic Science 2020 (TVEFS-2020)”

CURRENT STATUS: Grant Agreement signed / Work commenced on 1st January 2015.

T1	Creation and shared use of an international database of ignitable liquids and substances.	Jeanet Hendrikse (NFI - The Netherlands)
T2	Development and implementation of new analytical methods and databases for the detection of additives in fuels and fire debris.	Frank Schäfer (BKA - Germany)
T3	Proficiency tests for the fingerprint domain.	Aldo Mattei (RaCIS - Italy)
T4	SmartRank: Likelihood ratio software for searching national DNA databases with complex DNA profiles.	Hinda Haned (NFI - The Netherlands)
T5	DNAActivity: International cooperation in activity level interpretation of forensic DNA evidence.	Ate Kloosterman (NFI - The Netherlands)
T6	The development of a statistical software package for likelihood ratio calculations.	Annabel Bolck (NFI - The Netherlands)

ENFSI MONOPOLY PROGRAMME 2014

MONOPOLY PROJECTS (2014) – 2 year programme

PROGRAMME THEME: EU direct grant allocated to ENFSI: € 1,500,000 (ISF-Police funding)

ENFSI will be making the formal grant application to the EC in the spring of 2015 on the topic of sharing forensic databases across Europe. The start of the project implementation is planned for 1st January 2016.

External Relations



THE INTERNATIONAL FORENSIC STRATEGIC ALLIANCE

The International Forensic Strategic Alliance (IFSA) is a strategic partnership between continental forensic science networks and global law enforcement agencies represented by its leaders. The 2014 IFSA Annual Meeting was held on 13-14 October in Seoul, South Korean Republic. It was held in conjunction with the twentieth World Meeting of the International Association of Forensic Sciences (IAFS 2014), the sixth Asian Forensic Sciences Network Annual Meeting & Symposium (AFSN 2014) and fifth Meeting of Asia Pacific Medico-Legal Association (APMLA 2014). This event gathered together highly respectful forensic core groups.

All 6 member networks were present in Seoul, together with two worldwide agencies (UNODC and Interpol):

1. **AICEF:** Academia Iberoamericana de Criminalística Y Estudios Forenses.
2. **AFSN:** Asian Forensic Sciences Network.
3. **ASCLD:** American Society of Crime Laboratory Directors.
4. **ENFSI:** European Network of Forensic Science Institutes.
5. **SMANZFL:** Senior Managers of Australia and New Zealand Forensic Laboratories.
6. **SARFCN:** Southern Africa Regional Forensic Science Network.

The meeting resulted in approving the first globally agreed quality assurance documents – Minimum Requirement Documents (MRD).

The first series of three documents in the specific areas of identification of seized drugs, DNA analysis, and crime scene investigation have been created and accepted by IFSA. These documents focus on the critical quality areas, using simple terms and illustrations as well as a glossary to guide the users through the important concepts of the documents.

MRD-s are meant to act as a start-up guide for emerging forensic laboratories to quickly establish their quality management system and scientific/technical capabilities. Once achieved, the laboratories should continue to build on this foundation and strive to continually improve the quality of services through undergoing accreditations. The next stage of progress of the second series of MRD will include Questioned Documents, Electronic Evidence and Latent Prints. The IFSA Board elected during the Annual meeting its new President, Mrs. Angeline Yap representing the AFSN and agreed on the next Presidency networks until 2018. In the meeting UNODC expressed the need for establishment of North African/Middle Eastern Network, which will be further discussed in upcoming meetings in late spring 2015 at ASCLD Symposium, Washington DC, United States of America and in the Autumn 2016 at INTERPOL International Forensic Science Managers Symposium, Lyon, France. The IFSA President thanked the ENFSI Secretariat for collecting all IFSA materials, which are available for all the interested individuals via www.enfsi.eu/ifsa_website



Tripartite Meeting of
ENFSI, Europol and
Eurojust.

TRIPARTITE MEETING OF ENFSI, EUROPOL AND EUROJUST

On 1st October 2014, Mr. Üllar Lanno, Chairman of the 18th ENFSI Board and Mr. Jan De Kinder, Chairman designate, represented ENFSI at the meeting which was held in the Hague, at Eurojust headquarters. The meeting was the second joint meeting between ENFSI, Europol and Eurojust, the first being held on 5 July 2013. In addition, the gathering was also attended by Ms. Agnès Loredana Buznosu from the Council of the European Union. The aim of the meeting was to discuss ways to strengthen cooperation between ENFSI, Europol and Eurojust in matters of common interest as a follow-up to the first meeting.

The Hague gathering served as an occasion to raise several topics of importance for European forensic science. ENFSI presented among others, the new strategic priorities of the network and the current action plan for 2014–2015.

ENFSI Chairman enquired about existing possibilities related to hosting the ENFSI intranet website (currently hosted by a third party) at the EUROPOL servers. This idea will be elaborated in more details in 2015.



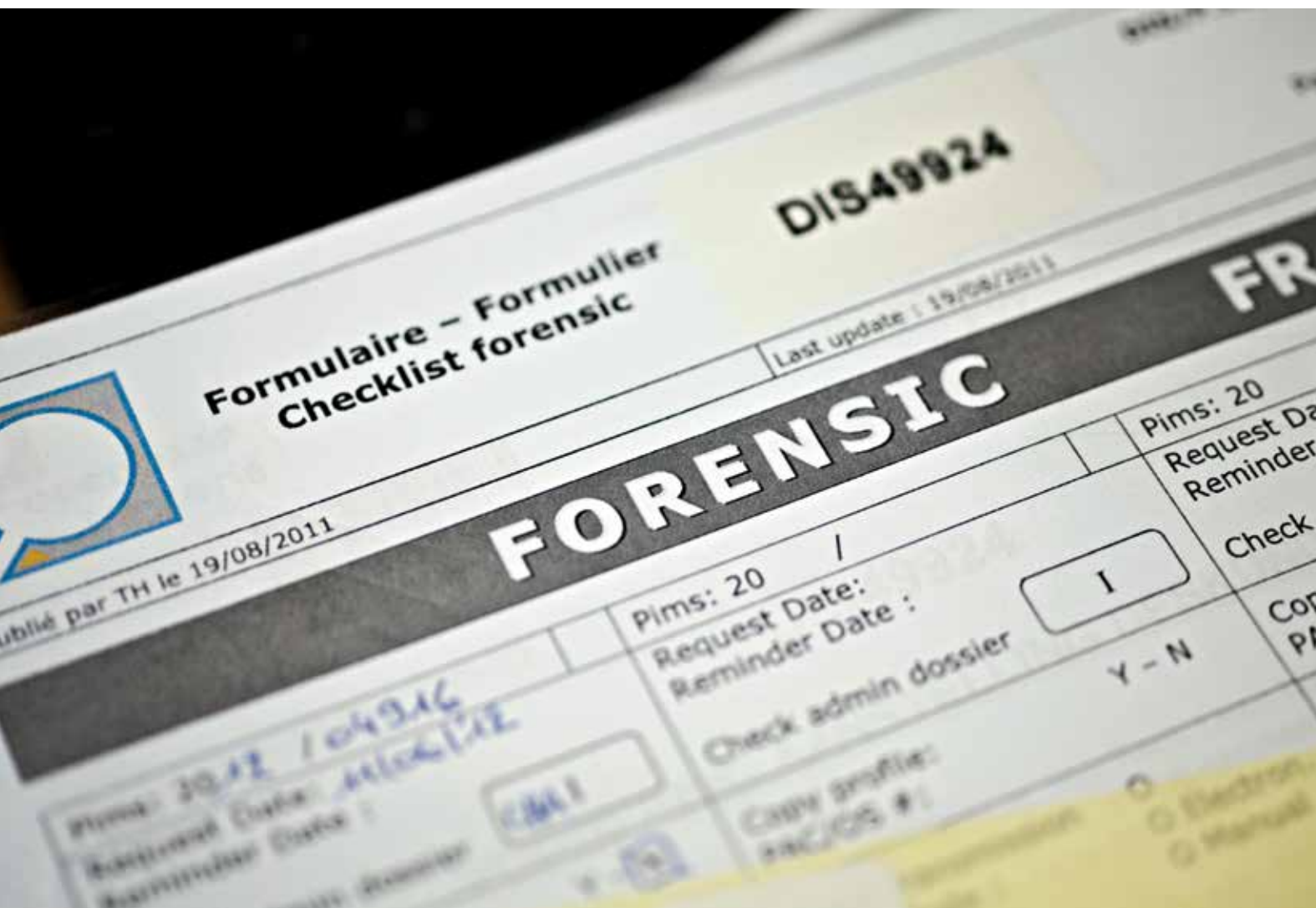
Mr. Jan De Kinder, ENFSI
Chairman designate attending the
Tripartite Meeting.



Tripartite Meeting of ENFSI,
Europol and Eurojust.

EUROPEAN FORENSIC SCIENCE AREA 2020 (EFSA2020)

During the meeting the participants discussed some issues related to European Forensic Science Area 2020 (EFSA2020), including the existing funding opportunities to support implementation of the vision for European Forensic Sciences.



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CEN/PC 419 Project Committee

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CEN/PC 419 PROJECT COMMITTEE “FORENSIC SCIENCE PROCESSES”

During the year 2014, the CEN Project Committee (PC) 419 “Forensic Science Processes” continued its work on the standard with regard to crime scene investigation, exhibit handling, and control. This standard is planned to be the deliverable of Work Item (WI) 1 of the PC. The Programme of Work of the PC is divided into 4 WI with the goal to deliver standards for the whole forensic process – from crime scene to courtroom.

Two meetings took place in the course of the year. The first meeting was held in January 2014 at the Polish Committee for Standardisation (PKN) headquarters in Warsaw, Poland. One of the discussed issues was the reallocation of the CEN/PC 419 Secretariat. Due to the fact that PKN was no longer in a position to host the secretariat and wished to relinquish it, there was a call for candidates. The Netherlands Standardisation Institute (NEN) was the only institute that handed in an application. In April 2014 the CEN PC 419 voted for the reallocation of the PC Secretariat to the Netherlands.

**Secretary of the CEN/PC 419,
Mr. Jaap van der Marel
(on the left) and the Chairman
of the CEN/PC 419,
Mr. Ralf Kleuskens.**



The committee members gathered once more in October 2014 at the Belgian Forensic Science Institute (INCC) in Brussels, where the new Chair Mr. Ralph Kleuskens (NFI, the Netherlands) and new Secretary Mr. Jaap van der Marel (NEN) introduced themselves and took over their new duties. This plenary meeting mainly focused on the new draft delivered by the Task Force of PC, which was updated after performing a gap analysis with ILAC G19 and ISO 17020 and taking into consideration comments from the PC members. Furthermore, the future position of the standard as well as follow up actions regarding the rest of the WI were addressed (but not finally agreed on) during this meeting. However, another important decision was taken during this meeting. The activation of WI 1 was approved, which means that the standard needs to be drafted within 36 months.

At this place, it is important to stress the role of ENFSI. Since 2012, ENFSI has been collaborating with CEN/PC 419. In the year 2014, Mrs. Christina Bertler was replaced by Mrs. Maria Kambosos (QCC) as liaison officer to CEN/PC 419. Due to this liaison status ENFSI can take part in CEN/PC 419 plenary meetings, provide input, contribute with ENFSI knowledge, exchange information and documents with the PC and act as a communication channel. Thus, an active contribution to the standardisation of forensic science on the part of ENFSI is ensured.

In October 2014, ISO distributed a proposal for the conversion of the existing Project Committee ISO PC 272 “Forensic Sciences” (which was established to develop an individual standard in the field of DNA consumables) into a Technical Committee (which will have a broader scope and programme of work). In January 2015, CEN/PC 419 was informed that ISO voted to establish this new Technical Committee for Forensic Sciences.

It is possible that this conversion will have a noticeable impact on the work of CEN/PC 419. The CEN/PC 419 and its Task Force respectively will not undertake any further actions until the effect on the CEN work, the possible cooperation and connection to ISO as well as the Programme of Work and scope of new ISO Technical Committee have been clarified.

European Academy of Forensic Science

Mr. Wim Neuteboom,
ENFSI Secretary in the
period 2002-2012.

EUROPEAN ACADEMY OF FORENSIC SCIENCE (EAFS2015)

In the autumn of 2015, ENFSI will have its European Academy of Forensic Science Conference (EAFS) organised locally by, Institute of Criminalistics Prague (ICP).

On 6–11 September 2015, following the very successful meetings in Lausanne, Krakow, Istanbul, Helsinki, Glasgow and the Hague, it is now the capital of the Czech Republic and the Institute of Criminalistics Prague that will have the opportunity to host this very important meeting of delegates coming from forensic science laboratories, universities, industry and trade and service companies from all over the world. This year conference title is “Pushing boundaries, working beyond borders”. The host of EAFS2015 Mr. Pavel Kolář and the organising committee look forward to welcoming you to Prague where you will find exciting science and a rewarding cultural experience.

Further information on the host and the conference venue:

The local organiser, Institute of Criminalistics Prague (ICP) as a central forensic institution is a part of police force (Police of the Czech Republic) and is included into the list of expert institutes at the Ministry of Justice and acts as independent legal expert body in evidence examination.

Prague, the capital city of the Czech Republic, lies in the heart of Europe and ranks amongst the most impressive historical cities in the world. Prague is easily accessible from all major European cities. The Prague Congress Centre is well equipped venue, located in a unique position on top of one of the Prague hills. It offers a beautiful view of the famous skyline of Prague, with the silhouette of the Prague Castle. The main meeting room, the exhibition and poster areas will be located on the one floor so delegates and exhibitors will have lot of opportunities to meet.

The Beauty of Prague
- Hosting City of EAFS2015.



ABOUT THE CONFERENCE

Dates: 6 – 11 September 2015

Venue: Prague Congress Centre, Prague, Czech Republic

website: <http://eafs2015.eu>

20TH ANNIVERSARY OF ENFSI

2015 will mark the 20th anniversary of ENFSI's official existence, starting from 1995. The official history of the network can be traced back to the Founding Meeting which was held on 19-21 October 1995 in Rijswijk, The Netherlands. At that time, on 20 October 1995 to be more precise, 24 Members took an important decision to formally found ENFSI. Since that time, ENFSI, as the most prominent European network, has been constantly growing and expanding. Currently, it consists of 63 Members from 36 countries. The Members of the network as well as its statutory bodies hold numerous meetings which serve as an opportunity to share knowledge and experience as well as to share forensic expertise. ENFSI has also established numerous contacts with its external stakeholders. The list of partners includes, among others, the European Commission, Europol, Eurojust, Interpol, Cepol as well as continental networks comprising IFSA. This significant achievement of 20 years' history will be specially celebrated during the European Academy of Forensic Science (EAFS) to be held in Prague, Czech Republic, on 6-11 September 2015. ENFSI will have a separate scientific session there. It will

give all the ENFSI Members, experts and guests a chance to share memories concerning ENFSI's past and discuss some future directions. During EAFS, the ENFSI community will also honor its most distinguished contributors, granting various kinds of ENFSI awards.

CONGRATULATIONS

Congratulations to all ENFSI-related individuals on the splendid and important anniversary!



The so far ENFSI
Secretaries: (from the
left) Mr. Frederic Thomas
from France, Mr. Wim
Neuteboom from the
Netherlands and Ms. Ewa
Klimuk from Poland.

ENFSI MEMBERS



1 National Bureau of Expertises, NDE-SNPO YEREVAN, Armenia; 2 FORENSIC SCIENCES CENTRE FSC MJ BAKU, Azerbaijan;
3 Criminal Intelligence Service Austria, Forensic Science Service, DFS VIENNA, Austria; 4 National Institute of Criminalistics and Criminology, INCC BRUSSELS, Belgium; 5 Research Institute of Forensic Science and Criminology, RIFSC SOFIA, Bulgaria; 6 Forensic Science Centre "Ivan Vucetic", FSC ZAGREB, Croatia; 7 Criminalistic Services Cyprus Police CSCP NICOSIA, Cyprus; 8 Institute of Criminalistics Prague, ICP PRAGUE, Czech Republic; 9 National Forensic Services, KTC VANLÖSE, Denmark; 10 Estonian Forensic Science Institute, EFSI TALLINN, Estonia; 11 National Bureau of Investigation Forensic Laboratory, RTL VANTAA, Finland; 12 Forensic Sciences Institute of the French Gendarmerie, IRCGN ROSNY-SOUS-BOIS, France; 13 National Forensic Science Institute, INPS ECULLY, France; 14 Legal Entity under Public Law Levan Samkharauli National Forensics Bureau, NFB TBILISI, Georgia; 15 Forensic Science Institute BKA, KTI-BKA WIESBADEN, Germany; 16 Forensic Science Institute, LKA KT BERLIN, Germany; 17 Forensic Science Institute, LKA / KTI DÜSSELDORF, Germany; 18 Forensic Science Institute, LKA/KTI STUTTGART, Germany; 19 Forensic Science Institute, LKA/KTI HESSEN, Germany; 20 Forensic Science Institute, BLKA – KTI MUNICH, Germany; 21 Forensic Science Institute, LKA HAMBURG, Germany; 22 Forensic Science Institute, LKA/KTI HANNOVER, Germany;
23 Forensic Science Division, FSD ATHENS, Greece 24 Hungarian Institute for Forensic Sciences, HIFS BUDAPEST, Hungary; 25 Forensic Science Laboratory, FSL DUBLIN, Ireland; 26 Central Anticrime Directorate of Italian National Police, Forensic Science Police Service, DAC-SPS ROME Italy; 27 Forensic science laboratories of Carabinieri Force, RaCIS ROME, Italy; 28 State Forensic Science Bureau, SFSB RIGA, Latvia; 29 State Police Forensic Service Department of the Ministry of Interior of Latvia, FSD RIGA, Latvia; 30 Forensic Science Center of Lithuania, FSC VILNIUS, Lithuania; 31 Lithuanian Police Forensic Science Centre, FSC-LT VILNIUS, Lithuania; 32 Forensic Center of Police Directorate of Montenegro, FCPDM DANILOV-GRAD, Montenegro; 33 The Netherlands Forensic Institute, NFI THE HAGUE, The Netherlands; 34 National Criminal Investigation Forensic Science Division, NCIS OSLO, Norway; 35 The Internal Security Agency, Forensic Laboratory, ABW WARSAW, Poland; 36 Central Forensic Laboratory of the Police, CFLP WARSAW, Poland; 37 National Forensic Science Institute NFSI BUCHAREST, Romania; 38 National Institute of Forensic Expertise NIFE, BUCHAREST, Romania 39 The Russian Federal Center of Forensic Science of the

Ministry of Justice, RFCFS MOSCOW, Russia; 40 North-Western Forensic Science Centre, NWFS ST. PETERSBURG, Russia; 41 National Criminalistic-Technical Centre NCTC BELGRADE, Serbia; 42 Institute of Forensic Science IFS BRATISLAVA, Slovakia; 43 Ministry of Interior Forensic Science Laboratory, FSL LJUBLJANA, Slovenia; 44 General Commissary of Scientific Police GCSP MADRID, Spain; 45 Criminalistic Service of the Civil Guard, SECRIM MADRID, Spain; 46 National Institute of Toxicology and Forensic Science, INTCF MADRID, Spain; 47 Scientific Police Division CME, SABADELL, Spain; 48 Forensic Science Unit, Basque Country Police, FSU, ERANDIO, Spain; 49 Swedish National Laboratory of Forensic Science, SKL LINKÖPING, Sweden; 50 School of Forensic Science, ESC LAUSANNE, Switzerland; 51 Forensic Science Institute Zurich, FSI ZÜRICH, Switzerland; 52 Institute of Forensic Medicine Istanbul University, ATE ISTANBUL, Turkey; 53 Gendarmerie Forensic Department GFD ANKARA, Turkey; 54 Headquarters of Forensic Department KDB KPL ANKARA, Turkey; 55 The Council of Forensic Medicine, ATK ISTANBUL, Turkey; 56 State Scientific Research Expertise and Forensic Centre, SREFC KYIV, Ukraine; 57 Forensic Science Northern Ireland, FSNI BELFAST, United Kingdom; 58 University of Strathclyde, Centre for Forensic Science, CFS GLASGOW, United Kingdom; 59 Scottish Police Services Authority-Forensic Services, SPSAFS GLASGOW, United Kingdom; 60 LGC Forensics, LGCF OXFORDSHIRE, United Kingdom; 61 Key Forensics Services Ltd, KFS COVENTRY, United Kingdom; 62 Metropolitan Police Service, MPS LONDON, United Kingdom.

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EDITION

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PUBLISHED BY

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