



WS 0.2: 3rd "RESPONSE" project Steering Committee and project coordination meeting
combined by dissemination activities

at the ENFSI-DWG meeting, Bled, 9th-12th May, 2016

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RESPONSE project SC and staff meeting and other related events took place in Golf Hotel, Bled, Slovenia.

Monday, May 9th 2016: Steering Committee (extended) meeting:

Present project members:

Sonja Klemenc	MNZ-GPU Police, National Forensic Laboratory, Slovenia
Tomaž Gostič	MNZ-GPU Police, National Forensic Laboratory, Slovenia
Katja Benčina	MNZ-GPU Police, National Forensic Laboratory, Slovenia
Mojca Janežič	MNZ-GPU Police, National Forensic Laboratory, Slovenia
Rajko Koren	MNZ-GPU Police, National Forensic Laboratory, Slovenia
Bojana Koštrun	MNZ-GPU Police, National Forensic Laboratory, Slovenia
Natalie Meert	National Institute of Criminalistics and Criminology (INCC), Belgium
Filip Van Durme	National Institute of Criminalistics and Criminology (INCC), Belgium
Tomislav Houra	Ministry of the Interior of the Republic of Croatia, Forensic Science Centre (MUP RH), Croatia
Lotte Ask Reitzel	University of Copenhagen, Faculty of Health (UNI CPHG), Department of Forensic Medicine, Denmark
Laurence Dujourdy	Ministry of the Interior, National Forensic Institute (INPS), France

Excused SC committee members:

Mogens Johannsen (cancelation at 7th May 2016)

Ana Gallegos (excused)

1. Welcome and practical issues, discussion of the proposed agenda – S. Klemenc and all

RESPONSE project manager Mrs Klemenc opened the meeting by welcoming all participants. The proposed agenda was accepted.

2. Administrative issues – S. Klemenc and all

Mrs Klemenc asked and reminded SC members to send reimbursement requests regularly (still missing some from already closed activities)! Please send reimbursement requests to Ms Lili Šipec: lili.sipec@gov.si and Ms Melita Godeša: melita.godesa@gov.si, first by e-mail and after the approval originals by post mail.

During the preparation of the midterm progress report the coordinator (MNZ-SI) have been approached by our Slovenian project partner the University of Ljubljana, Faculty of Chemistry and Chemical Technology (FKKT) with the request for certain modifications to the project's budget i.e. to reallocate certain amount of money from consumables to additional staff (one person) payments. Coordinator sent official requests (two times). Modification of budget was not approved by the EU commission.

3. Project progress monitoring (WP action list checked, intermediate evaluation, adjustments, future activities - (all)

- Midterm report (which covers period January 2015 – December 2015)

Report was prepared by the project manager and sent to the EU commission and to all partners at 21st January 2016. Mrs Klemenc briefly overviewed the report. Most of the planned scientific/technical and organizational tasks have been timely completed. Some delays have been resolved and preventive actions for the future taken. Some technical elements and the public open database on NPSs were added to the project. Project dissemination activities led to positive responds from different communities.

- Updates on WPs activities from January 2016 – May 2016

Beside some continuously running activities, i. e. chemical characterizations (NFL and FKKT, SI) and profiling methodology development in NFL the following main issues were summarized by Mrs Klemenc.:

- Organization of ENFSI-DWG meeting in Bled, 2016/ NFL SI
Mrs Klemenc told that main tasks (organizational issues, materials for the web page and meeting announcement, abstract collection, response project supported participants applications, compilation of the “Programme book with abstracts”, communications by sponsors...) were covered by the Slovenian National Forensic laboratory (Klemenc, Benčina), while some technical issues were done by Albatros agency. 82 participants from 34 countries have been registered. All costs for 12 members of the RESPONSE project staff were covered from the project budget and in addition 25 participants enjoyed partial financial support (accommodation and flights costs).
- Organization issues for three “one day one topic seminars” (OOS) for SI audience only: 22nd February 2016 (SI-EWS members; 25 attendees) and forthcoming: 27th May 2016 (60 criminalists of the Slovenian police; not planned in the project), 7th June 2016 (25 prosecutors) and one tentatively scheduled for September 2016 (2 x 26 law enforcement-Police SI) / tasks were covered by NFL project staff.
- Not planned dissemination activities: participation and presentation given at “Technical Expert Meeting - Strengthening Early Warning of New Synthetic Opioids in Europe” organized by EMCDDA, 31.3. – 1.4. 2016, Lisbon; Portugal; Mrs Janežič attended
- Study visit of 2 SI experts in Lyon, France for MDMA profiling (see more point 10)
- FTIR database and guidelines/ HU and BE/ Mr. Csesztregi presented documents on the spot (see point 4)
- Response project web site was updated regularly by the project manager (Mrs Klemenc) (<http://www.policija.si/eng/index.php/generalpolicedirectorate/1669-nfl-page-response/>) see more in point 5
- Organization of forthcoming 2nd profiling workshop June, 2016 in Ljubljana / FR and SI partners/ Mr. Besacier presented the activities done so far; see more in point
- Cocaine profiling – methodology development/ NFL SI and FR/ see more in point 9



4. Discussion of WP4 – FTIR database - tool, draft documents - guidelines (prepared in close cooperation with ENFSI DWG QA subcommittee) and proposals / T. Csesztregi, N. Meert and all/

Mr. Csesztregi sent two documents to the RESPONSE project manager and ENFSI-DWG QA subcommittee for comments:

- "Supplemental document for identification of illicit drugs and new psychoactive substances by FT-IR ATR technique" as a part IR library building activity (12th April 2016)



FT-IR
ATR_Support_English_

- A verification selection and validation process for the submitted IR spectra (15 th April 2016). This document describes the critical steps in library building.



IR_Library_Selection_
Verification_Validation

Mr Csesztregi explained both documents as well as accompanying excel worksheet in depth on the spot. RESPONSE project SC appreciate much the great job done by FTIR team and DWG QA sub-committee!

Mrs Klemenc asked if printed version of both documents is foreseen. Mr Csesztregi told that so far only electronic version is planned.

5. Response project WEB site and public opened database – contributions from partners and networking with other projects/ Klemenc and all/

Ms Klemenc explained the functionality of database. She told that chemical data on newly identified compounds (reports) provided by partners could be also included into database. The document with minimum requirements will be send to all partners after the

meeting in Bled. So far 4 analytical reports from EU commission Joint Research Center, Ispra, Italy have been included and can serve as example.

6. Dissemination activities – future/ proposals from all/

Mrs Klemenc told that 2 oral and 5 poster presentations have been prepared by the Slovenian team for the ENFSI-DWG meeting in Bled. Some information will be also included into ENFSI DWG subcommittees reports. Ms Klemenc informed the committee that she received invitation from Mr Ger Koomen to present the RESPONSE project activities at 6th seminar for European Customs Chemists, in Amsterdam, 22 June 2016 - 24 June 2016. It was agreed that Mrs. Irene Breum Muller (Danish partner) will cover this event.

The possibilities of scientific publication of some project results have been considered. Anyhow, due to heavy workload it will be difficult to prepare the material before the project end.

7. Material bank and sharing of samples - feedback from partners

Project partners gave a very positive feedback. They use the compounds provided for their own libraries or for the research work.

8. Planning of the PROFILING workshop 2016 in Ljubljana (final arrangements)/FR and SI team (F. Besacier and S. Klemenc)

Mr. Besacier summarized the main tasks done. First announcement was sent Via e-mail to the all ENFSI DWG members at 12 February 2016, Deadline to apply was 25 March 2016. Applications received from ENFSI-DWG members: 14 inside EU and 3 outside EU. All applicants were invited to register until 17 April 2016. Team of mentors will be provided: France (2), Switzerland (2), Belgium (?). Homework and working documents were sent to registered participants via e-mail at 6 May 2016. The seminar program has been established. The practical part of the seminar is divided into 4 phases (A, B, C, D) with a common structure : Introducing the work to be done (mentors), Working in subgroups (attendees), Showing an example (mentors).

Mrs Klemenc told that all applicants have registered. She also told that the travel costs for invited mentors from Switzerland have been covered from sponsorship for Bled meeting and the project overheads. Technical organization (computers) will be provided by NFL.



Besacier bled meeting
2016.pdf

Presentation given by Mr. Besacier:

9. Cocaine profiling - a presentation of what was done by SI profiling team (Mr. Gostič) followed by the comments from FR team (Mr. Besacier, Ms Dujourdy) and planning of forthcoming activities

Mr. Gostič presented the results of cocaine profiling methodology development. Ms DUJOURDY had previously received raw data from NFL => 190 chromatograms from HS-GC-MS and two excel files:

- a) Synthesis of analytical results from different studies (long term, replicates, linked and non linked samples, residual solvents detected) and descriptive statistics.
- b) Correlations calculation macro with distributions of 2 different populations (linked and none linked) and obtained threshold values.

Approx. 43 volatile compounds were preliminary taken into account as variables for profiling methodology. Discussion in Bled was focused on the selection and reduction of the number of variables. According to Ms Dujourdy's opinion and data from followed literatures: JFS60, Mallette et al., 2015, S&J55, Monfreda et al., 2015, FSI264, Nielsen et al., 2016, the 29 target compounds were suggested. After the meeting the following tasks will be done:

- Pearson correlations with linked and non linked datasets will be recalculated
- Study of correlations (PCA and/or correlations matrix) will be done
- Threshold(s) determination (linked non linked) will be re-determined



Cocaine
profiling-report 19-05-

Report prepared by Mr. Gostič – version 19th May:

10. MDMA profiling – activities performed by SI team after the study visit in Lyon and planning of final evaluation visit /FR (F. Besacier and L. Dujourdy and SI (M. Janežič, K. Benčina)/

M. Janežič and K. Benčina reported about their activities made after the study visit in Lyon. The samples for the MDMA profiling were selected. Tablets from 17 different cases were selected. The quantification of MDMA in the tablets will be preformed untill the end of May. Some of the tablets have already been quantified within a regular monitoring. NFL is purchasing one additional GC-MS instrument on which MDMA profiling will be performed. Mr. Besacier mentioned that the results of profiling method (thresholds, selectivity, linearity etc..) obtained on one instrument are not transferable to another instrument, even is it the same type. Anyway, in NFL some prevalidation steps will be performed in July on one of the already existing instruments. Afterwards (starting in September) method will be fully validated on the new instrument. The dates of evaluation visit of French team in SI will be defined later (tentatively planned at end of November).

11. AOB

No comments.

12. Meeting with ENFSI-DWG SC

Last organizational issues of ENFSI-DWG meeting 2016 have been discussed. It was agreed that in the absence of the NFL director Mrs Sonja Klemenc and Mr. Udo Zerell DWG chairman will open the meeting. After the Bled meeting RESPONSE project manager will send meeting evaluation results to DWG SC. Financial report will be provided to DWG Chair. RESPONSE project data are public opened and can be implemented also in DWG web pages. DWG SC appreciated the work of the RESPONSE project team. Mrs Klemenc acknowledged DWG steering committee and Quality assurance subcommittee (in particular Mrs Natalie Meert, Mr Tamas Csesztregi and Mr. Peter Mell) for the support and the “FTIR” work done.



Tuesday, May 10th 2016 (morning)

13. RESPONSE project / CLEN2SAND/ EMCDDA representatives meeting - discussion of future cooperation-harmonization of some activities and the presentation about NPSs from the "RESPONSE" project at the 6th Seminar of European Customs Chemists – 6 SECC - June 22th-24th 2016, Amsterdam/

Only the representatives from the RESPONSE project (Mrs Breum Müller and Mrs Klemenc) and CLEN2SAND (Mr Guillou) representatives attended. It was decided that the response project database will be presented at the meeting. Existing abstract and similar presentation as for Bled will be fine.

Thursday, May 12th 2016

RESPONSE Debriefing

Conclusion: The RESPONSE SC activities and ENFSI-DWG meeting were constructive and RESPONSE project dissemination activities and its visibility have been covered adequately.

Dr. Sonja Klemenc
RESPONSE
PROJECT MANAGER

Addendum: Action list checked

Remark: embeded files are not opened to public (links in pdf format of document are non active)



Addendum: action list checked

WS	Work stream description	Status/conclusions/evaluation
WS0:	<p>Management, coordination and some dissemination activities</p> <p>WS 0.3: Management and dissemination/ 3 x SC project coordination meetings combined with presentations of the project progress and achievements at conferences 2 x ENFSI (2015 and 2106), 1X EAFS (2015)</p> <p>WS 0.4: - OOS-seminars (3x) for SI participants (SI-EWS law enforcement, prosecutors,); [postponed to M14-M24]</p> <p>WS 0.5: Organization of ENFSI DWG meeting Bled, Slovenia, 10th-12th May 2016</p> <p>WS 0.6: - Project progress and midterm financial report [M13]</p>	<ul style="list-style-type: none"> - WS 0.0, WS 0.1 were closed in 2015)/ timely completed and records available - 2 x Steering committee meetings (Dublin, Prague) and dissemination (6 presentations) in 2015; (activity closed); 3rd SC meeting 2016 (this meeting) and presentations at ENFSI-DWG 2016 (May 2016) - Seminar for SI-EWS members, February 2016 (activity closed)/evaluation from attendees: excellent - ongoing organization activities for three additional OOS seminars scheduled at 27 May 2016, 7th June 2016 and September 2016 - activities done May, 2016/ evaluation pending - Done, January 2016
WS1:	<p>State of the art and procurement</p> <ul style="list-style-type: none"> - activity 1.1 (M6-M9) - new equipment in NFL, installed, validated and staff trained activity - 1.2 CRM materials (M1-M24) - 1.3 net-NPS(M1-M24) - purchasing - 1.4 consumables (M1-M24) - purchasing 	<p>activities planned so far, timely completed and records available; Activity</p> <ul style="list-style-type: none"> - 1.1 (closed, 2015) - (records available) - 1.2 ongoing in 2016/ records available; - 1.3 ongoing in 2016/ records available; - 1.4 ongoing in 2016/ records available;



	<p>Profiling methodology and competencies - activities</p> <ul style="list-style-type: none"> - 2.1 IT matters (done and ongoing) - 2.2 heroin profiling: methodology development in SI(M3-rescheduled M12) - 2.3 cocaine profiling - methodology development in SI(planned M9-M15 .. rescheduled until M18) - 2.4 ATS profiling methodology development in SI (rescheduled planned M14-M23;] - 2.5 final evaluation of methodologies - - 2.6 competencies (2x workshops) <ul style="list-style-type: none"> - 1st Profiling workshop in Ljubljana June 2015 - 2nd Profiling workshop in Ljubljana June 14th to 16th 2016 	<p>Activity:</p> <ul style="list-style-type: none"> - 2.1 IT matters (databases) – ongoing in 2016; - 2.2 closed (2016)/ records available - 2.3 started in January 2016, development is in a final stage/ evaluation follows in forthcoming months; records available (draft); one visit of FR experts in SI skipped (not needed) 2.4 started in spring 2016 (study visit of SI experts in Lyon, FR lab in May 2016) 2.5. not yet planned 2.6 competencies <ul style="list-style-type: none"> -1st workshop 2015 (closed) /timely completed; evaluation from attendees: excellent -2nd workshop 2016 will be held in June 2016 – training material developed other activities ongoing (see details below)
WS3:	Chemical characterizations (M1-M24)	<ul style="list-style-type: none"> - Ongoing in 2016/ characterizations in NFL timely completed (records available) - Ongoing in 2016/ NET-NPS (test purchases) NMR structure conformation/ elucidation delays resolved reports available on timely manner
WS 4	NPS FTIR and MS databases [M13-M24]	<ul style="list-style-type: none"> - Activities (development of IR database, searchable IR libraries, guidelines)/ tool developed, guidelines in “for comments” stage in May 2016 (see point 4.)/ running on timely manner, - MS spectra exchange in line with plans