



NARCOSIS Tools and Stakeholder Added Value

NARCOSIS Workshop No. 2

9th of June 2026, online

Objectives

- Display interim results and TRL status of the tools.
- Collect operational feedback from Stakeholders (LEA, laboratories, ICT, and policymakers).
- Align integration requirements and define pilots/adoption.

Audience

- LEA/forensics, forensic laboratories, ICT/LIMS managers, policy and regulatory authorities, ethics/legal, social and health specialist. *(The Participation is possible by invitation only)*

Format

- Pitch presentations on tools followed by panel discussion with moderators

Location

- Online meeting hosted in ZOOM by ENEA- link with details will be sent to confirmed participants

Key message for stakeholders

- Operational and interoperable platform (API, DEMS, NarcoDB).
- Reduction of scene-to-first identification times; reduction of false data; evidentiary reuse.
- Clear path for pilots and adoption with support for standards, security, and data governance.
- Create a logical progression from needs definition, to technical solution, to data harmonisation, and finally to operational deployment.
- Collecting focused input from partners, identifying gaps and consolidating the role of NARCOSIS tools within forensic and law-enforcement workflows.
- Facilitating the NARCOSIS technological offer with policy and regulatory framework
- Introducing the NARCOSIS social and health impact facilitators

Classification level

- Unclassified





AGENDA: June 9th 10:00 – 13:30

Time	Dur.	Item	Focus on
10:00 - 10:10	10'	Opening and welcome	
			Welcome (ENEA)
			Introduction of the workshop: main goals, background information and speakers introduction (EIIR)
10:10 - 10:30	20'	Panel 1 Moderator: PART	The overall view on mid-term progress of NARCOSIS platform development
			Narcosis contribution to EU Early Warning System - the platform information flow from initial notification to risk assessment and control measures (PART)
			Ethical, Legal and Operational Considerations in the NARCOSIS Early Warning Framework (KEMEA)
			Q&A
10:30 - 11:00	30'	Panel 2, topic 1 Moderator ENEA	Topic 1: Narcosis Tools - Key features and latest developments AI
			AI analytics and reasoning tools in NARCOSIS: How NARCOSIS analytical workflows and spectral libraries accelerate identification (ENEA)
			The identification pathway progress from sample analysis to a confirmed drug or drug class (BIU)
			Advanced sensor technology integrated into the NARCOSIS platform (UNIBA)
			Q&A
11:00 - 11:30	30'	Panel 2, topic 2 Moderator UAH	Topic 2: Chemical analytics





			Analytical Chemistry Approaches for NPS Identification lack of reference standards (UAH)
			Recommended screening and confirmation strategies (spectroscopy, chromatography, mass spectrometry) (METROHOM on behalf of FHG)
			Challenges in NPS analysis in biological samples: the support of HR measurement on unknown NPS, metabolites and mixtures (UCSC)
			Q&A
11:30 -12:00	30'	Panel 2 topic 3 Moderator VTT	Operational Tools and Best Practice
			HSI and picture manager suite. AI-Powered Platform for Tablet, Packaging, and Hyperspectral Sample Analysis (VTT)
			New instrument help bridge the gap between field operations and laboratory analysis (METROHM)
			What to collect at seizure sites to support chemical profiling, intelligence, and the role of trend analysis and of naming tools (RACIS)
			Q&A
12:00 -12:10	10'	Break	
12:10 -12:40	30'	Panel 3 Moderator ENEA	Platform protocols and Standardization of Analytical Results
			Platform protocols and formats to improve comparability and EU-level situational awareness (PART)
			Interoperability between laboratory information systems, NFPs, and EUDA platforms (PJ)
			Role of NARCOSIS in establishing common data standards and facilitating laboratory network collaboration (DIN)
			Q&A





12:40 - 13:00	20'	Panel 4 Moderator EIIR	Collaboration with Stakeholders - challenges, engagement formats, open actions and feedback
			Policy, regulatory, socio-economic dimension of NARCOSIS project. Upcoming NARCOSIS activities and engagement opportunities for Stakeholders (EIIR)
			Training resources and collaborative frameworks to strengthen LEA-laboratory coordination (ENEA)
13:00 - 13:30	30'	Q&A Moderator EIIR	
13:30		Final remark	Closure of the meeting (ENEA/EIIR)

