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United Nations Office on Drugs and Crime

UNODC Scientific & Forensic Services

Dr. Justice Tettey
Chief, Laboratory & Scientific Section

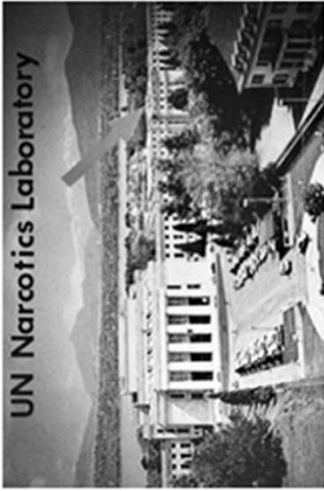
Twelfth Meeting of HONLEA Europe
Vienna, 29 June 2017



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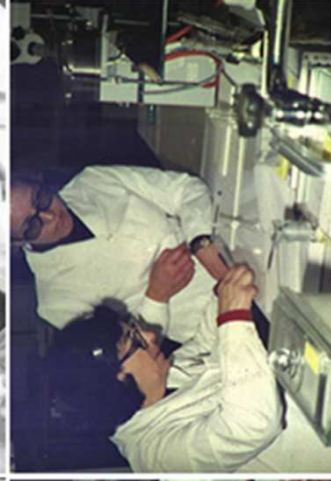
1960s...



UN Narcotics Laboratory



...1980s





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1980s ...



... 2000s





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2000s ...





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Making Forensics Effective, Efficient & Relevant

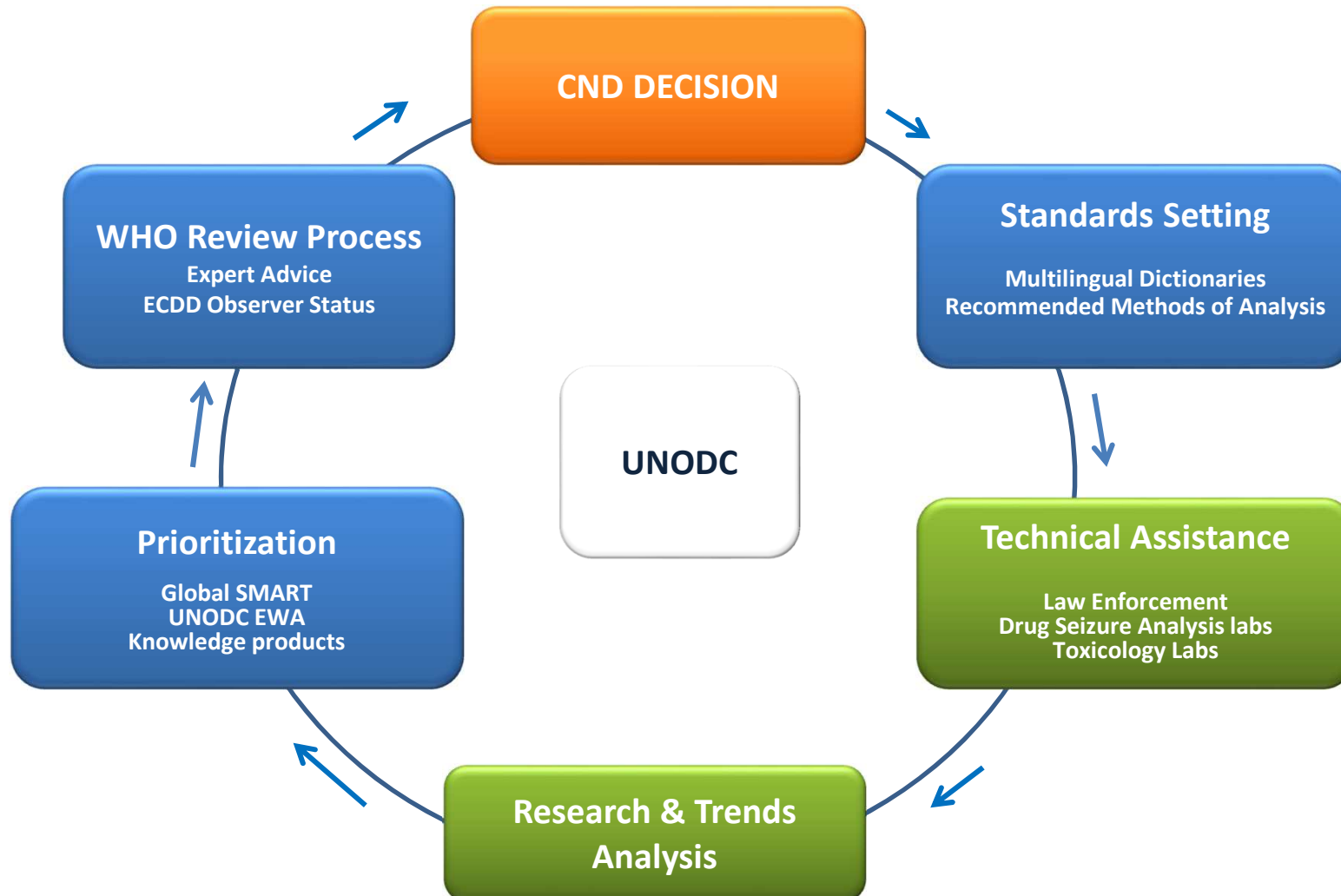




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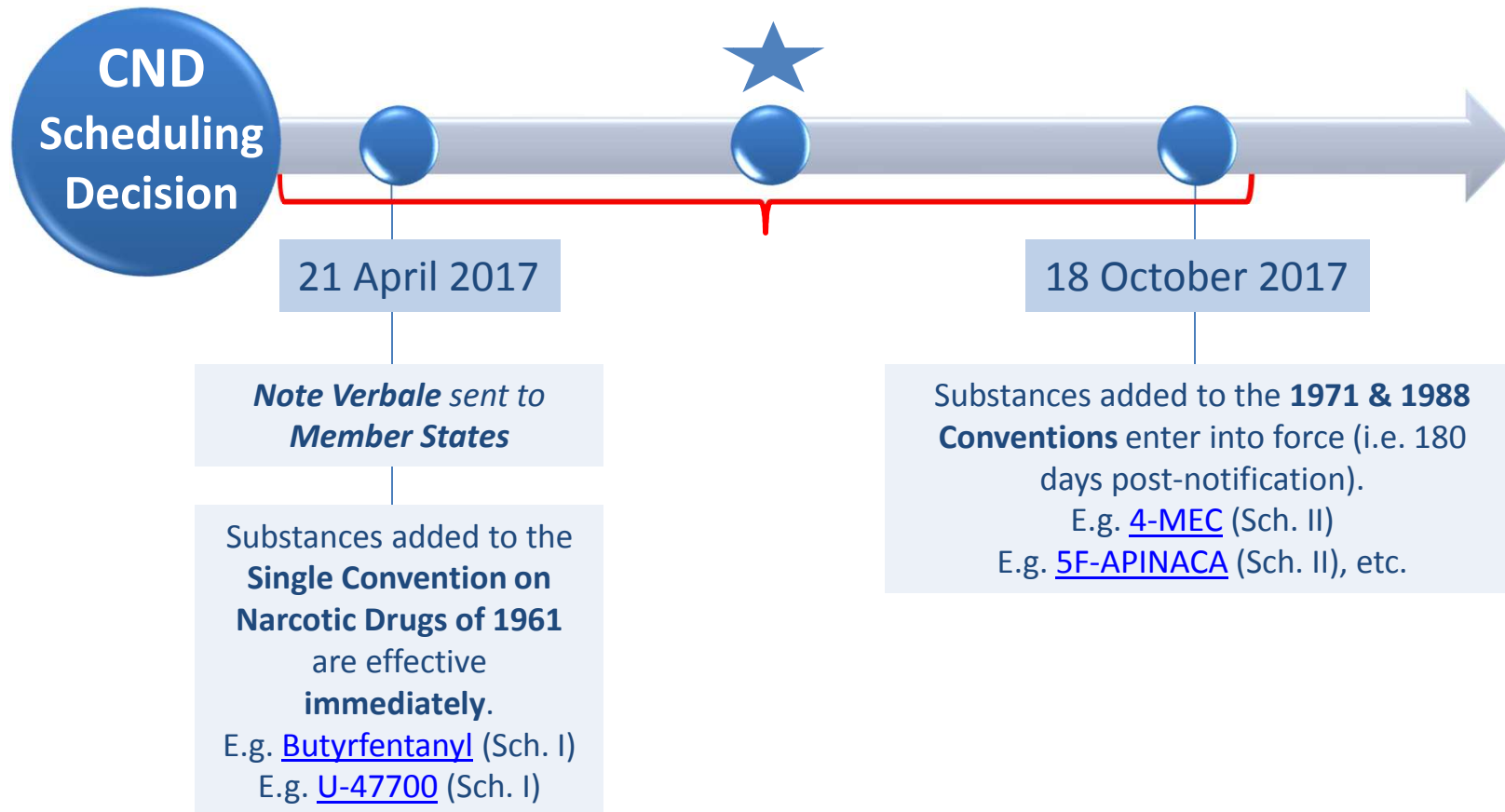
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Implementation of the scheduling decisions

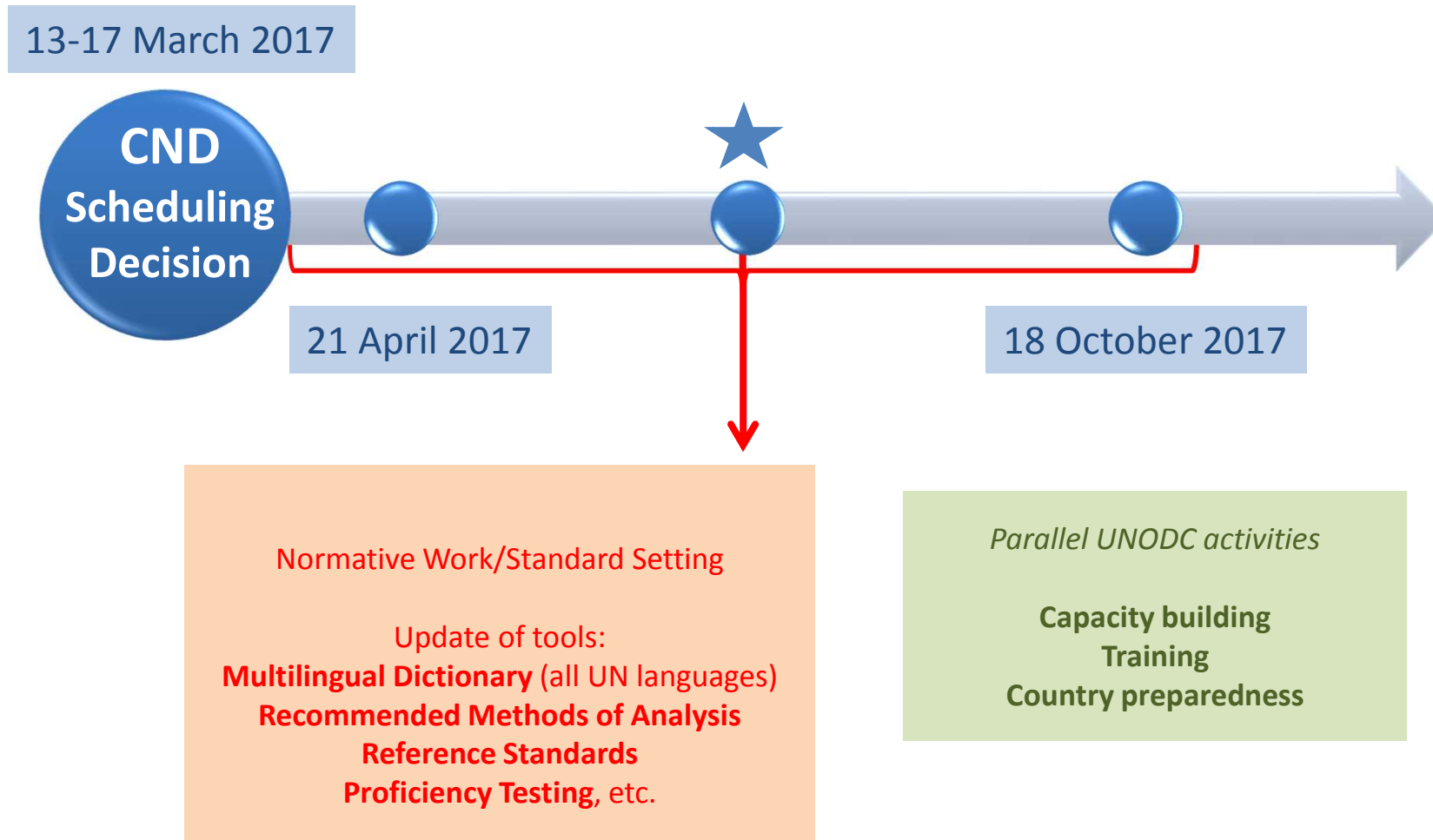


Timeline of Implementation following scheduling decision

13-17 March 2017



Timeline of Implementation following scheduling decision





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Multilingual Dictionary of Narcotic Drugs and Psychotropic Substances under International Control



Mephedrone - Méphédronne - Mefedrona

Synthetic substance - Substance synthétique - Sustancia sintética

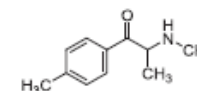
C₁₁H₁₅NO

mol. wt. 177.3

% b. anh. 100

Sch. II (1971)

CAS 1189805-46-6



(*RS*)-2-methylamino-1-(4-methylphenyl)propan-1-one

(*RS*)-2-méthylamino-1-(4-méthylphényl)propan-1-one

(*RS*)-2-metilamino-1-(4-metilfenil)propan-1-ona

2-aminomethyl-1-tolyl-propan-1-one

4-methylmethcathinone (4-MMC)

4-MeMC

4-methylephedrone

4-methylmethcathinone

4-MMC

4,*N*-dimethylcathinone

β -keto-(4,*N*-dimethylamphetamine)

N-methylephedrone

p-methyl-methcathinone

Euphoria

Flower Power

Magic

Mef

Miaow miaow

Star Dust

White Gold

(*RS*)-2-méthylamino-1-(4-méthylphényl)propan-1-one

(*RS*)-2-metilamino-1-(4-metilfenil)propan-1-ona

Mephedrone hydrochloride - Chlorhydrate de méphédronne - Clorhidrato de mefedrona

C₁₁H₁₅NO · HCl

mol. wt. 213.7

% b. anh. 82.9

2-(methylamino)-1-(4-methylphenyl)-1-propanone monohydrochloride

CAS 1189726-22-4

Strengthening law enforcement capacity

- Providing law enforcement with rapid tests for field identification of drugs and precursors





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Drug and Precursor Field Testing Kits



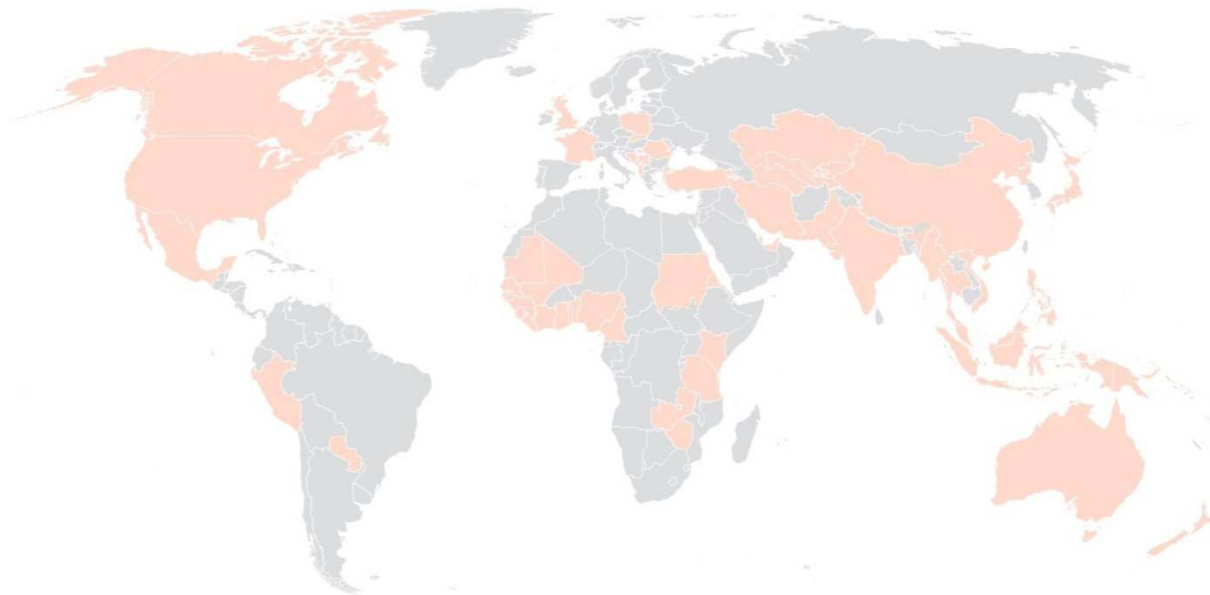
Strengthening law enforcement capacity

- **Introducing modern hand-held technologies in field drug and precursor testing trainings**
- **Field-based trainings and CBTs on field drug testing**



Strengthening law enforcement capacity

- Provision of over 3800 drugs and precursors field testing kits to 77 Member States



Strengthening law enforcement capacity

Improving skills in crime scene awareness
and collection of physical evidence



Juba, South Sudan

Strengthening law enforcement capacity

Strengthening Member States' capacity to detect and investigate document fraud





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Standardized Methodologies and Procedures

Forensic standards available and accessible

Wide range of Tools and Standards - from drugs to Crime

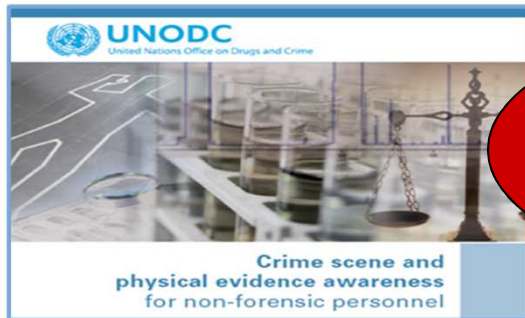


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Standardized Methodologies and Procedures

Forensic standards available and accessible



Forensic standards available in multiple languages





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International Collaborative Exercises (ICE)

- Drug and precursor standards
- Methods of analysis

PROVISION OF ANALYTICAL TOOLS

- Seized materials
- Biological specimens
- 2 Rounds a year

CONFIDENTIAL FEEDBACK & EXPERT ADVICE

UNODC – Commitment to Quality and Continuous improvement

PROFICIENCY TESTING – REAL SAMPLES

- Web-based secure portal
- Real time evaluation

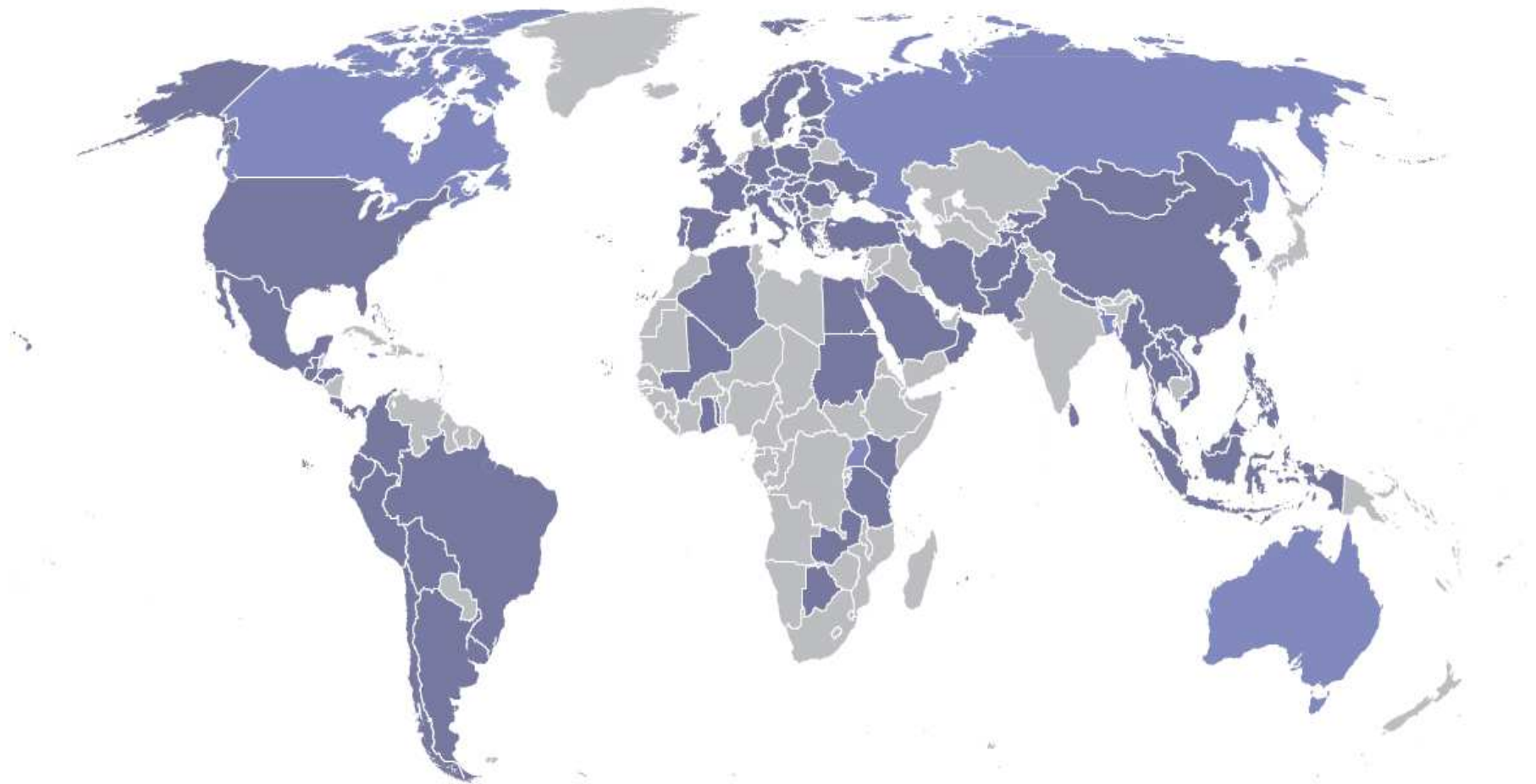
REAL TIME EVALUATION OF RESULTS



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International Collaborative Exercises (ICE) participation of more than 220 laboratories in over 70 countries

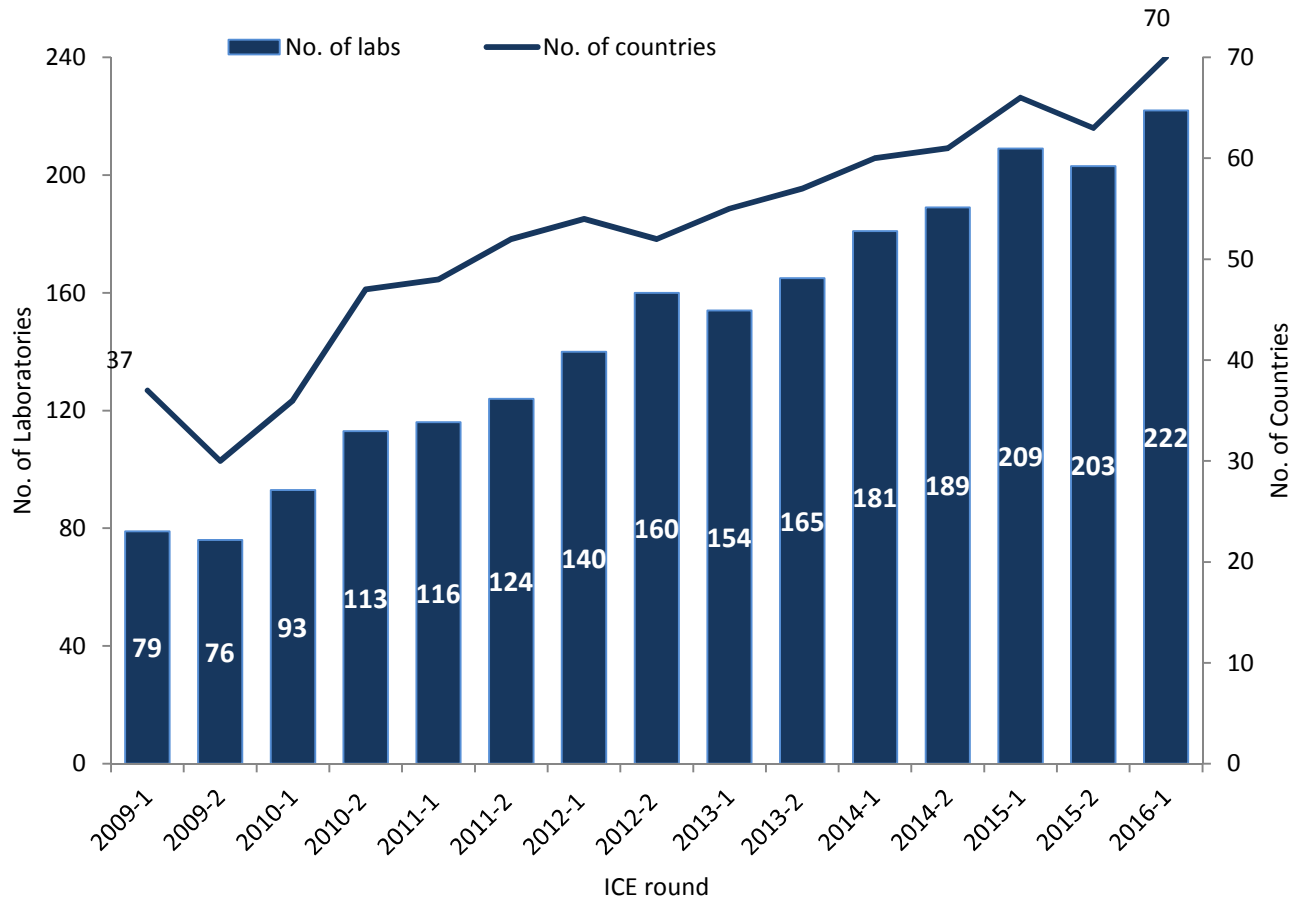




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International Collaborative Exercises (ICE)



**Total number of laboratories actively participating in ICE
Over 250 laboratories in the upcoming 2016/2 round**

Support to national drug analysis laboratories

- A commitment to quality and continuous improvement



Lab Training
Vienna, Austria



Drug reference standards



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**Training on the Laboratory
Identification on Illicit Drugs
29 August – 2 September 2016
(Dari/Farsi Speaking Group)
5 – 9 September 2016 (Russian
Speaking Group)
Vienna, Austria**

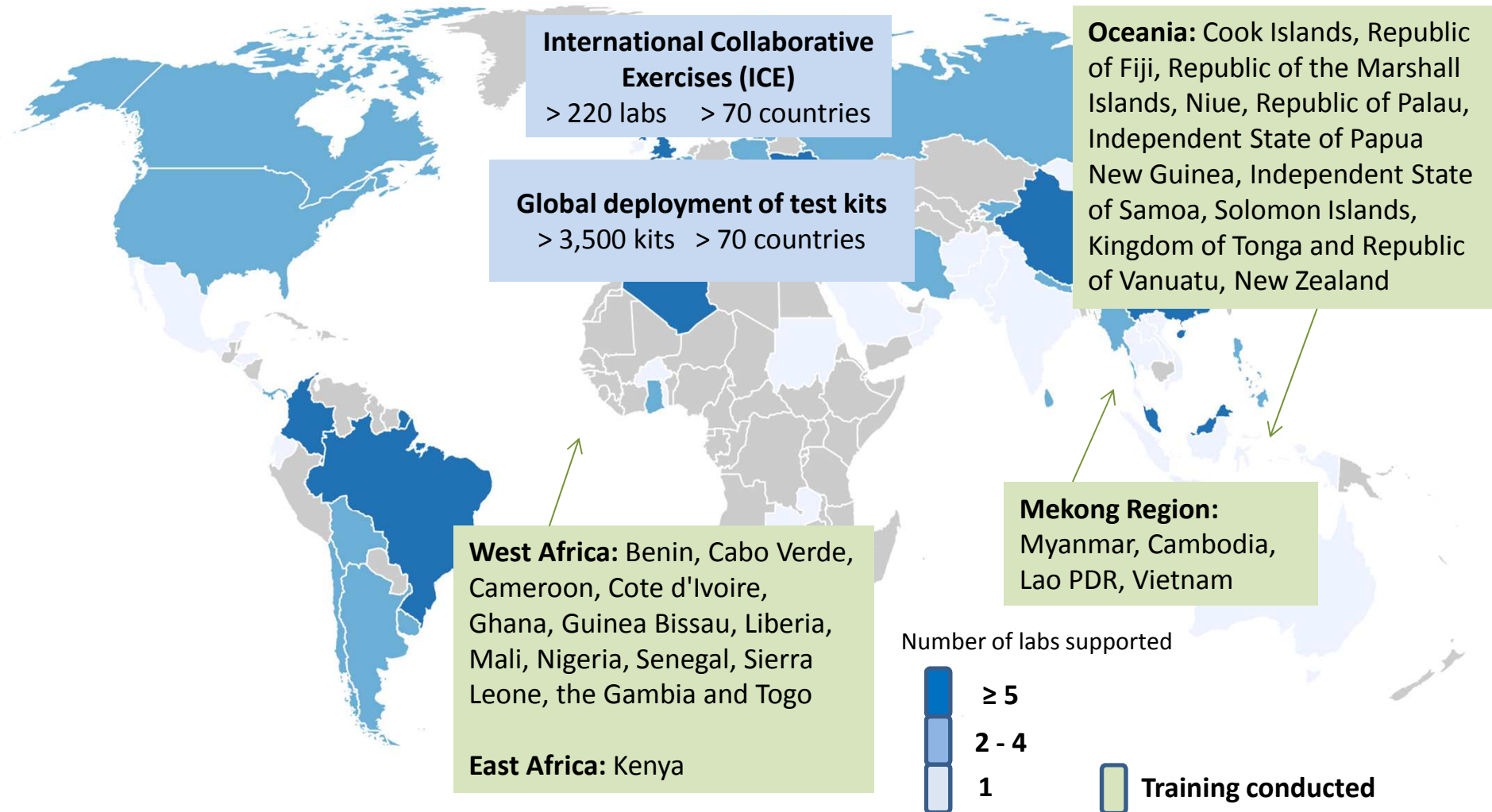




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UNODC support to countries for law enforcement and laboratory capacity building





UNODC - Making the world safer from drugs, crime and terrorism

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