Making the World Safer from Drugs
making the world safer from crime, drugs and terrorism
UNODC Mandates

**DRUGS**
- UN Single Convention on Narcotic Drugs
- UN Convention on Psychotropic Substances
- UN Convention against the Illicit Traffic in Narcotic Drugs and Psychotropic Substances

**CRIME**
- Convention against Transnational Organized Crime
- Convention against Corruption

**TERRORISM**
- 15 Counter-terrorism instruments
Member States have access to, and use, quality forensic science services.
Forensic tools available and accessible

**Biological Specimen**

Guidelines for Testing Drugs Under International Control in Hair, Sweat and Saliva - ST/NAR 30/Rev.2 - English

Recommended Methods for the Detection and Assay of Barbiturates and Benzodiazepines in Biological Specimens - ST/NAR 28 - English, Spanish, Russian, Arabic

Recommended Methods for the Detection and Assay of Lysergide (LSD), Phencyclidine (PCP), Psilocybin and Methaqualone in Biological Specimens - ST/NAR/31 - English

Guidelines for the Forensic analysis of drugs facilitating sexual assault and other criminal acts - ST/NAR/45 - English, French, Russian, Spanish

Recommended Methods for the Detection and Assay of Heroin, Cannabinoids, Cocaine, Amphetamine, Methamphetamine and Ring-Substituted Amphetamine Derivatives in Biological Specimens - ST/NAR/27 - English
UNODC – Commitment to Quality and Continuous improvement

PROVISION OF ANALYTICAL TOOLS

CONFIDENTIAL FEEDBACK & EXPERT ADVICE

PROFICIENCY TESTING – REAL SAMPLES

REAL TIME EVALUATION OF RESULTS

Forensic providers & International Standards
UNODC International Collaborative Exercise

Supporting 150 Labs in 50 countries

- Biological specimens and Seized Materials
- Seized Materials
- Biological specimens
NPS
New psychoactive substances
A Modern Day Challenge
NPS Emergence (2008-2013)
Most obvious increase is in number of synthetic cannabinoids
60 substances reported from 2009-mid 2012
51 new substances reported from 2012-2013
Example of evolution: MAM-2201 (1st reported in 2011)

Modifications to the 5-fluoropentyl alkyl chain, have produced 4-fluoropentyl, 3-fluoropentyl, 2-fluoropentyl, 4-hydroxypentyl derivatives

The same fluoro derivatives have appeared for XLR-11 and including 4-pentenyl modification

Modifications to two existing substances has produced 8 new variants
Workplace Drug Testing

......workplace drug testing in Europe is performed to a defined standard and in a legally secured way
International Drug Conventions

......protecting the “health and welfare of mankind”