Taking Stock of the 2009 PoA

Research and Trend Analysis Branch
The five targets

Eliminate or reduce significantly and measurably:

- Illicit cultivation of opium, coca, cannabis
- Illicit demand of drugs and drug-related health and social risks
- Illicit market of synthetic drugs
- Diversion and trafficking of precursors
- Money-laundering related to drugs
“Both the range of drugs and drug markets are expanding and diversifying as never before.

The findings of this year’s Word Drug Report make clear that the international community needs to step up its response to cope with these challenges”
Eliminate or reduce significantly and measurably Illicit demand of drugs and drug-related health and social risks
Global trends in drug use

31% increase in global number of people using drugs
12% increase in the number of persons with drug use disorders
11% increase in global population aged 15-64 years
18% increase in the annual prevalence rate of any drug use
Stable trend in the prevalence rate of persons with drug use disorders
People who inject drugs and HIV among this group, 2011 and 2016

Source: UNODC, responses to the annual report questionnaire; progress reports of UNAIDS on the global AIDS response (various years); the former Reference Group to the United Nations on HIV andInjecting Drug Use; and published peer-reviewed articles and government reports.
Trends in the proportion of primary drug of use in drug treatment admissions, by region, 2009 and 2016

Source: UNODC, responses to the annual report questionnaire.
Number and rate of direct drug-related deaths

Increase in number of deaths of 16%
Increase in mortality rate (population 15-64) of 7%
Direct and indirect deaths attributable to the use of drugs, 2010 and 2016

Eliminate or reduce significantly and measurably Illicit cultivation of opium, coca, cannabis
Total area under opium and coca cultivation, 2009-2017
Global opium production and coca manufacture, 2009-2017
Main trafficking flows of heroin

Sources: UNODC, World Drug Reports 2011 and 2018
Main trafficking flows of cocaine

2009

Sources: UNODC, responses to the annual report questionnaire and individual drug seizure database.
Eliminate or reduce significantly and measurably Illicit market of synthetic drugs
ATS trends overview

- Data with limited geographic coverage, even in main markets like ESE Asia
- “Ecstasy”-drought as precursor control affects manufacture
- Amphetamine and methamphetamine seizures at similar levels
• Improved data geographic coverage in main regions
• Dominance of methamphetamine on synthetic drug market despite emergence of many stimulant NPS
• Spread of “crystal meth”, a particularly harmful form of methamphetamine
• Amphetamine and “ecstasy” both increase but remain at much lower levels than methamphetamine
Eliminate or reduce significantly and measurably diversion and trafficking of precursors
Around 2018

- All main ATS precursor and pre-precursor under international control
- As controls increase and diversion carries risks and costs, traffickers move to a dynamic range of chemicals to manufacture precursors

Dynamic range of non-controlled precursor chemicals, e.g. Esters of phenylacetic acid, benzaldehyde, APAA, MAPA...

Source: UNODC, Laboratory and Scientific Section.
Quantities of selected drugs seized, 2009-2016

* Data for Cocaine hydrochloride and crack cocaine seizures in 2009 also includes cocaine paste/base
Changes in the cannabis market in the last decade
Global quantities of main cannabis products seized, 2009-2016
Quantities of cannabis seized, 2009-2016

Cannabis herb

Cannabis resin

- Africa
- Oceania
- Asia
- Europe
- South and Central America and the Caribbean
- North America
- Other
- Near and Middle East/ South-West Asia
- East and South-eastern Europe
- Western and Central Europe
- North Africa
Global trends in cannabis use

Trends in the number of annual cannabis users and cannabis use perception index, 2009–2016

Trends in cannabis use perception index, by region (2010 = 100)

Source: UNODC, responses to the annual report questionnaire.

Source: UNODC, responses to the annual report questionnaire.
Prevalence among youth 15-16 years old in Europe and US

Source: EMCDDA
Trends in cannabis use in selected countries

Annual prevalence of cannabis use in the United States, the European Union, and Australia and at global level 2009-2015

Source: UNODC, responses to the annual report questionnaire, SAMHSA, EMCDDA and the Australian Institute of Health and Welfare.
Cannabis use trends in United States

Cannabis use patterns, risk perception, availability and medical cannabis among the population aged 18 years and older, 2002-2015

By 2007, 12 states had measures allowing medical cannabis use

Sources: Key Substance Use and Mental Health Indicators in the United States: Results from the 2015 National Survey on Drug Use and Health, and earlier surveys and adapted from Compton and others, “Marijuana use and use disorders in adults in the USA, 2002-14: analysis of annual cross sectional surveys”, Lancet Psychiatry 2016; 3: 954-64.
Past month cannabis use in the United States

States with measures allowing non-medical use of cannabis

States with measures not allowing non-medical use of cannabis

Source: Key Substance Use and Mental Health Indicators in the United States: Results from the 2015 National Survey on Drug Use and Health, earlier surveys and SAMHSA State level estimates for the different years. Except for 2002, the state level estimates are presented as two-year averages. Alaska, Colorado, California, Maine, Nevada and Oregon had medical cannabis in 2000 or earlier.
FIG. 4
Use of cannabis compared with attitudes towards cannabis use among twelfth graders in the United States, 1975-2015

- Percentage of pupils who did not disapprove of using cannabis once or twice
- Percentage of pupils who used cannabis once during the previous 12 months

Trends in cannabis use in selected countries

Changes in cannabis use in the United States, 2006-2016

Source: United States, SAMHSA, Center for Behavioral Health Statistics and Quality, (Rockville, Maryland, September 2017).
Retail Price Declines in Washington State

Cost has fallen below $1 per hour of intoxication for a naïve user.

Source: J. Caulking presentation in Vienna
Cannabis price in the US

Source: J. Caulking presentation in Vienna
THC content in the US

And extracts are often 70% pure
Features of the cannabis market

- Advertising
- Medical cannabis
- Growing private sector
- DIFFERENT new legislations