



**UNODC**

United Nations Office on Drugs and Crime

# **The Global S.M.A.R.T. Programme:** *Synthetics Monitoring: Analysis, Reporting and Trends*

## **Overview**

**Regional SMART Workshop, Bangkok, 18-20 July 2011**

**Beate Hammond, Global SMART Manager,  
UNODC**

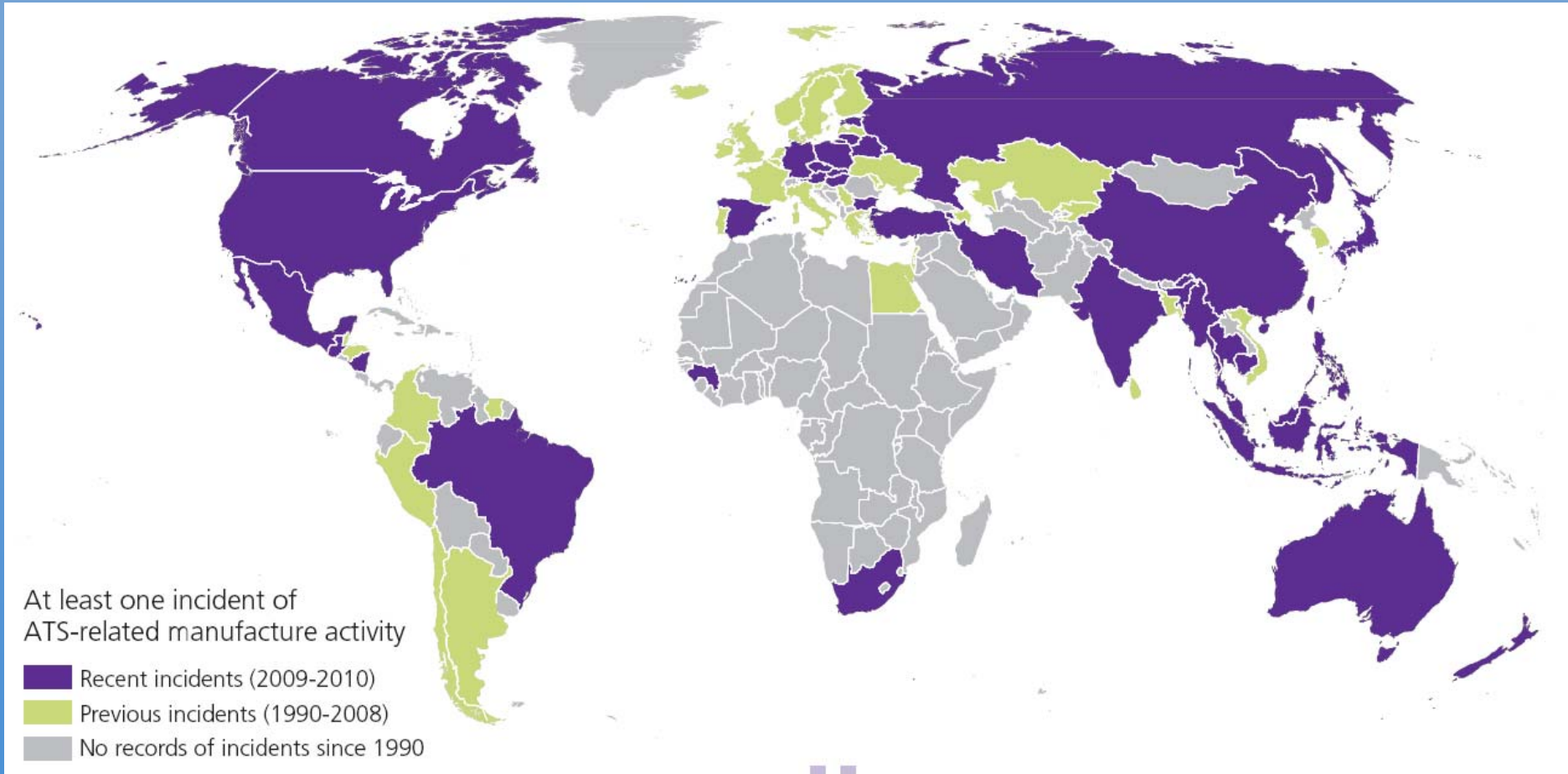


# Structure of presentation

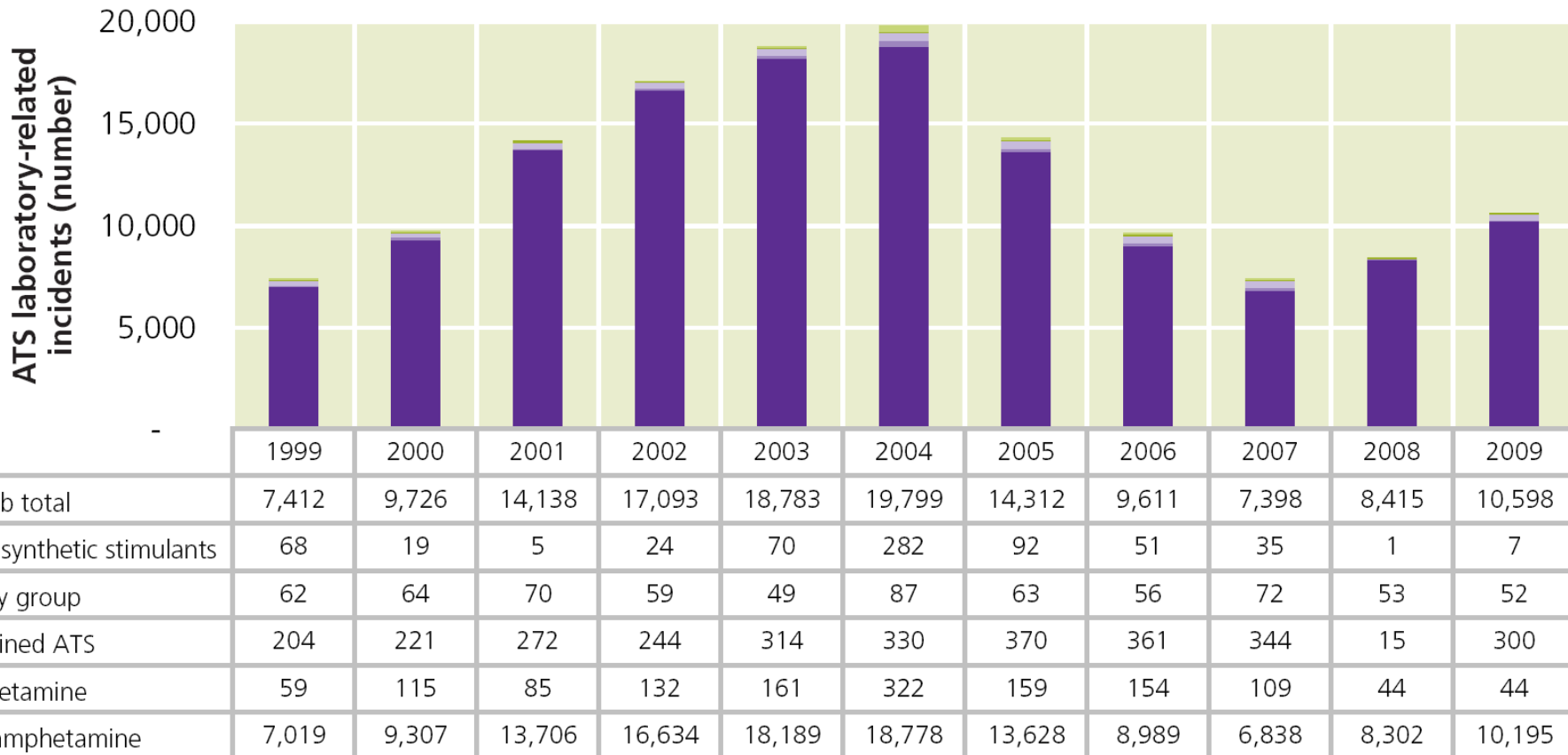
- Existing knowledge – Global ATS
- Filling the knowledge gaps – Global SMART
- Status of Global SMART



# More than half of UN Member States have reported ATS related manufacture since 1990



# Number of dismantled ATS laboratories, 1999-2009



Source: UNODC, 2011 World Drug Report, June 2011

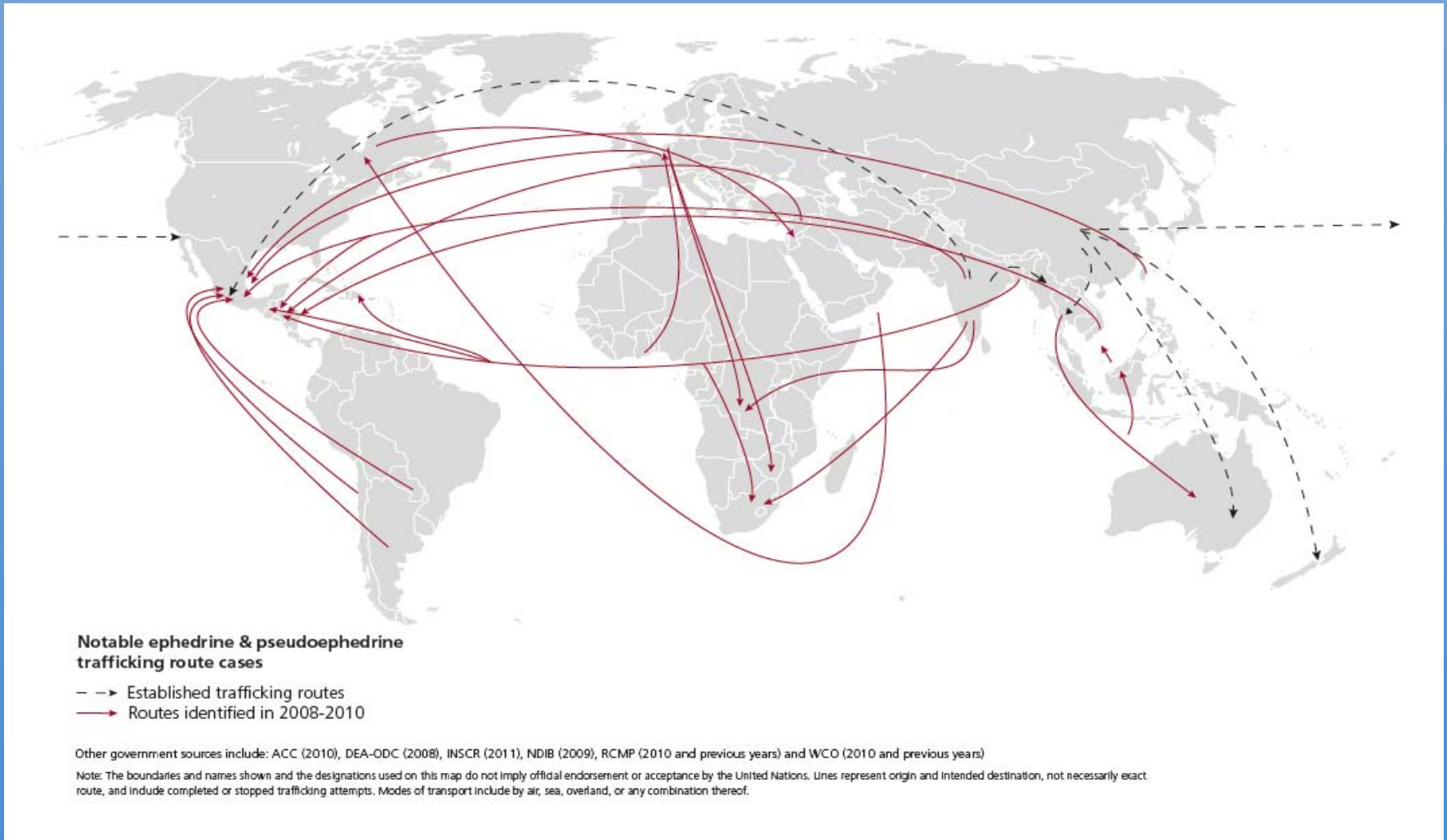
## Estimates of ATS manufacture

	Amphetamines-group (Retail Purity)		Amphetamines-group (Wholesale Purity)	
	Low Estimate	High Estimate	Low Estimate	High Estimate
Annual Consumers (estimated 2008)	13,710,000	52,900,000	13,710,000	52,900,000
Average Consumption (pure grams/ annually)	10.9	10.9	10.9	10.9
Metric Tons Estimated Consumed (pure)	149	577	149	577
Metric Tons Reported Seized	47.4	47.4	47.4	47.4
Metric Tons Manufactured (unadjusted for purity)	197	624	197	624
Purity (weighted)	24%	24%	36%	36%
Metric Tons Seized (adjusted to pure)	11.4	11.4	17.2	17.2
Metric Tons Manufactured (pure)	161	588	167	594

	Ecstasy-group (Retail Purity)		Ecstasy-group (Wholesale Purity)	
	Low Estimate	High Estimate	Low Estimate	High Estimate
Annual Consumers (estimated 2008)	10,450,000	25,820,000	10,450,000	25,820,000
Average Consumption (pure grams/ annually)	5.1	5.1	5.1	5.1
Metric Tons Estimated Consumed (pure)	53	132	53	132
Metric Tons Reported Seized	3.9	3.9	3.9	3.9
Metric Tons Manufactured (unadjusted for purity)	57	136	57	136
Purity (weighted)	36%	36%	45%	45%
Metric Tons Seized (adjusted to pure)	1.4	1.4	1.7	1.7
Metric Tons Manufactured (pure)	55	133	55	133

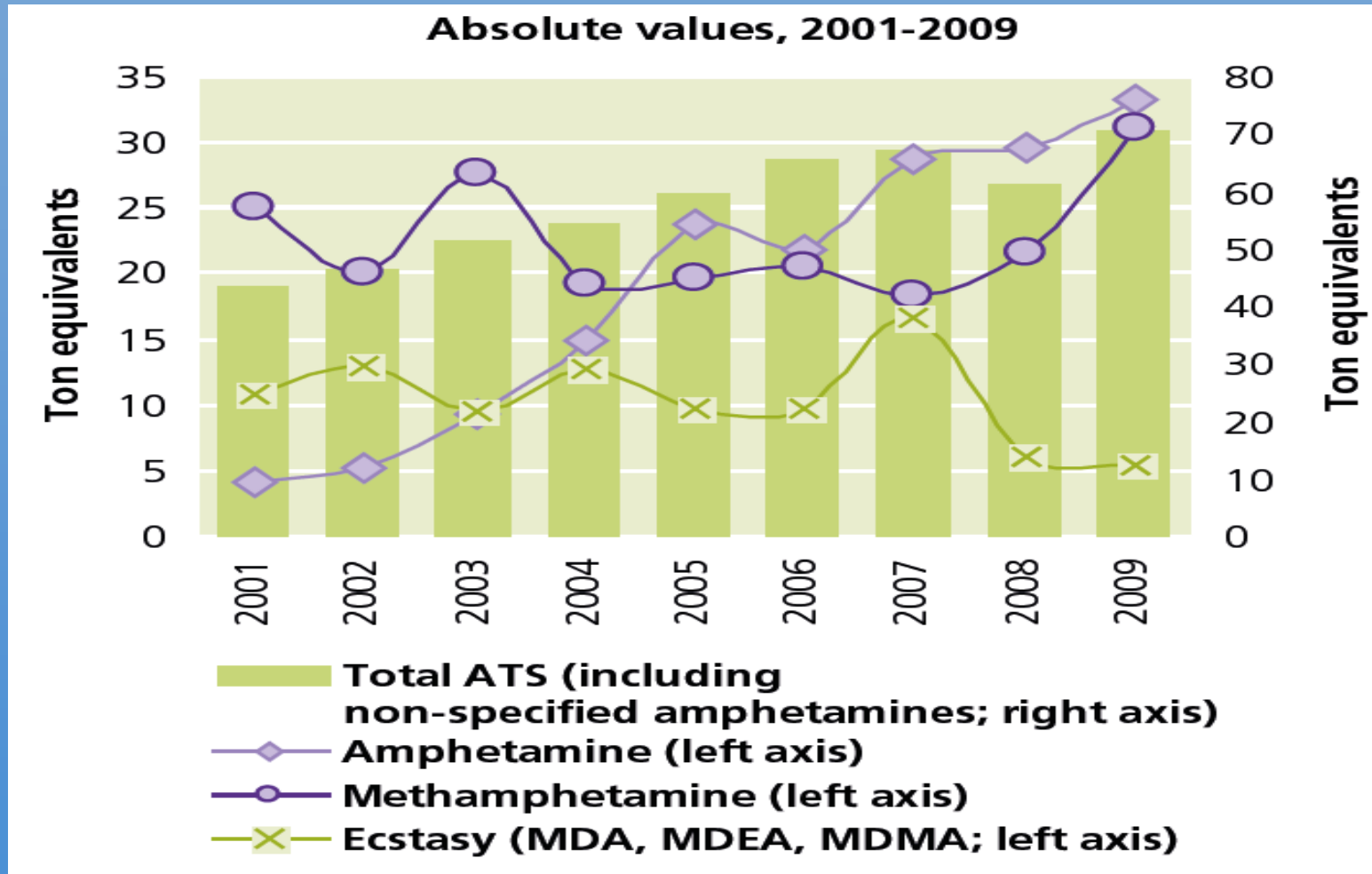


# Routes of ephedrine/pseudoephedrine diversion cases, 2008/10



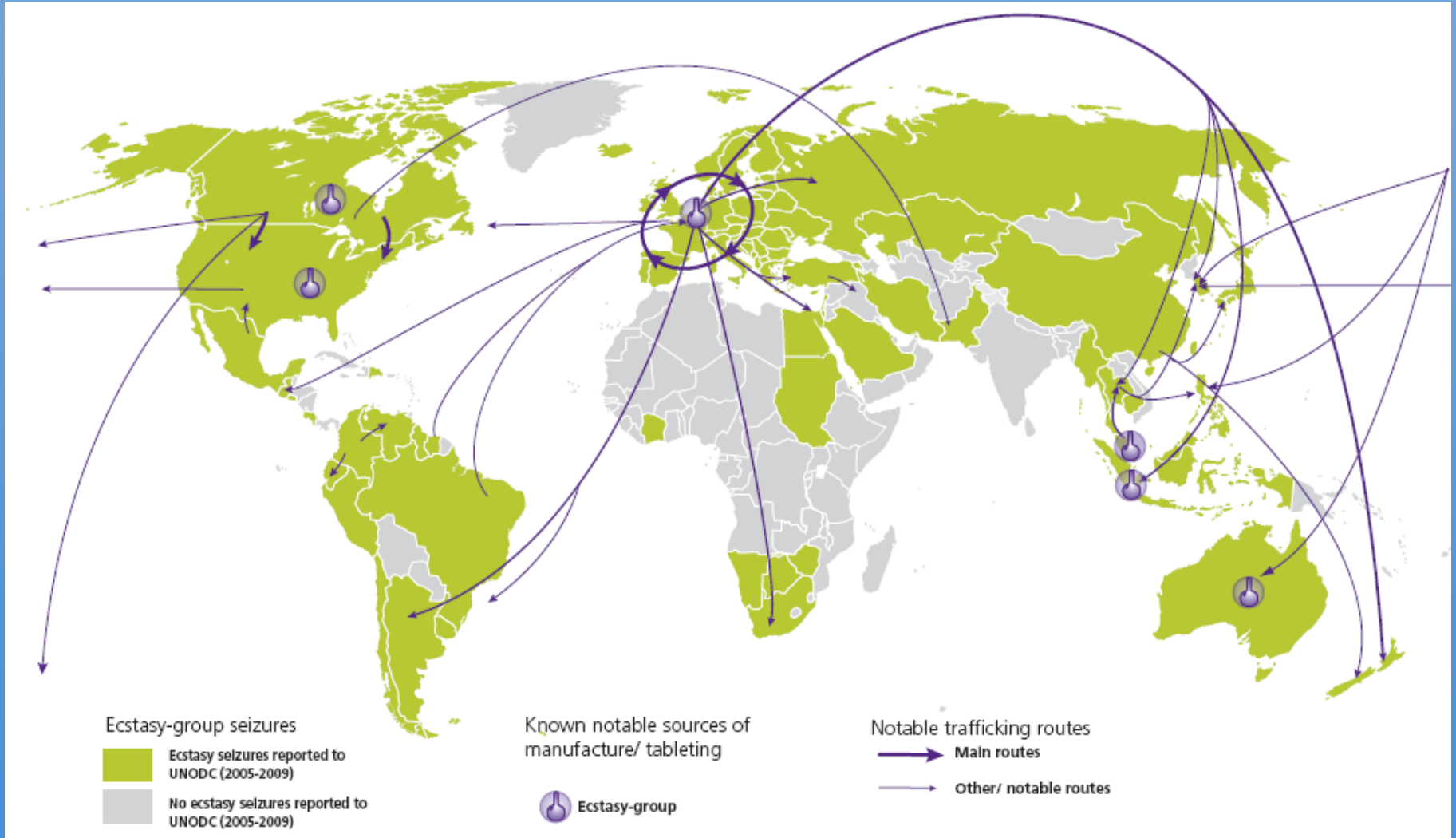


## ATS seizures, 1999-2009



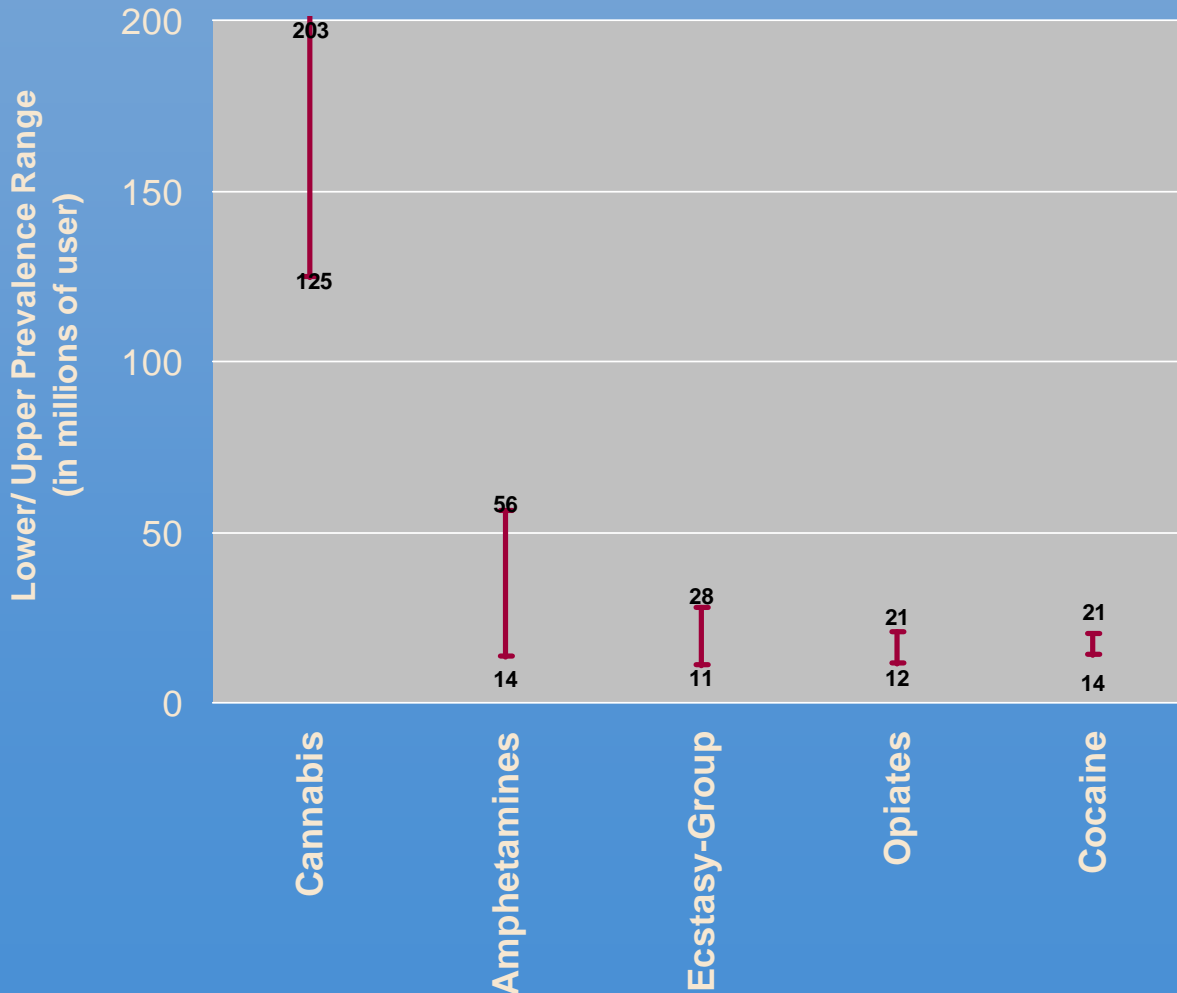
Source: UNODC, 2011 World Drug Report, June 2011

# Locations of ecstasy manufacture and main trafficking routes, 2005-2009





## Estimates of global illicit drug use (annual prevalence) among people aged 15-64 years, 2009/10



As a percentage of the  
population aged 15-64:

Cannabis: 2.8 – 4.5%

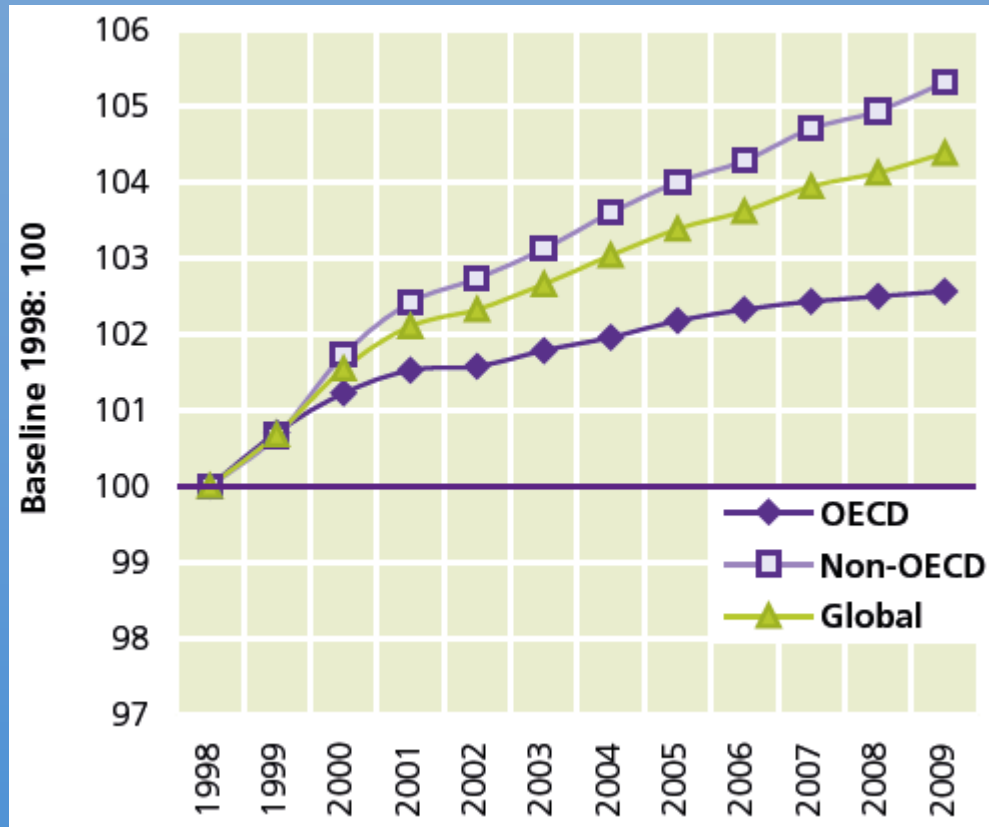
Amphetamines: 0.3 – 1.3%

Ecstasy-group: 0.2 – 0.6%

Opiates: 0.3 – 0.5%

Cocaine: 0.3 – 0.5%

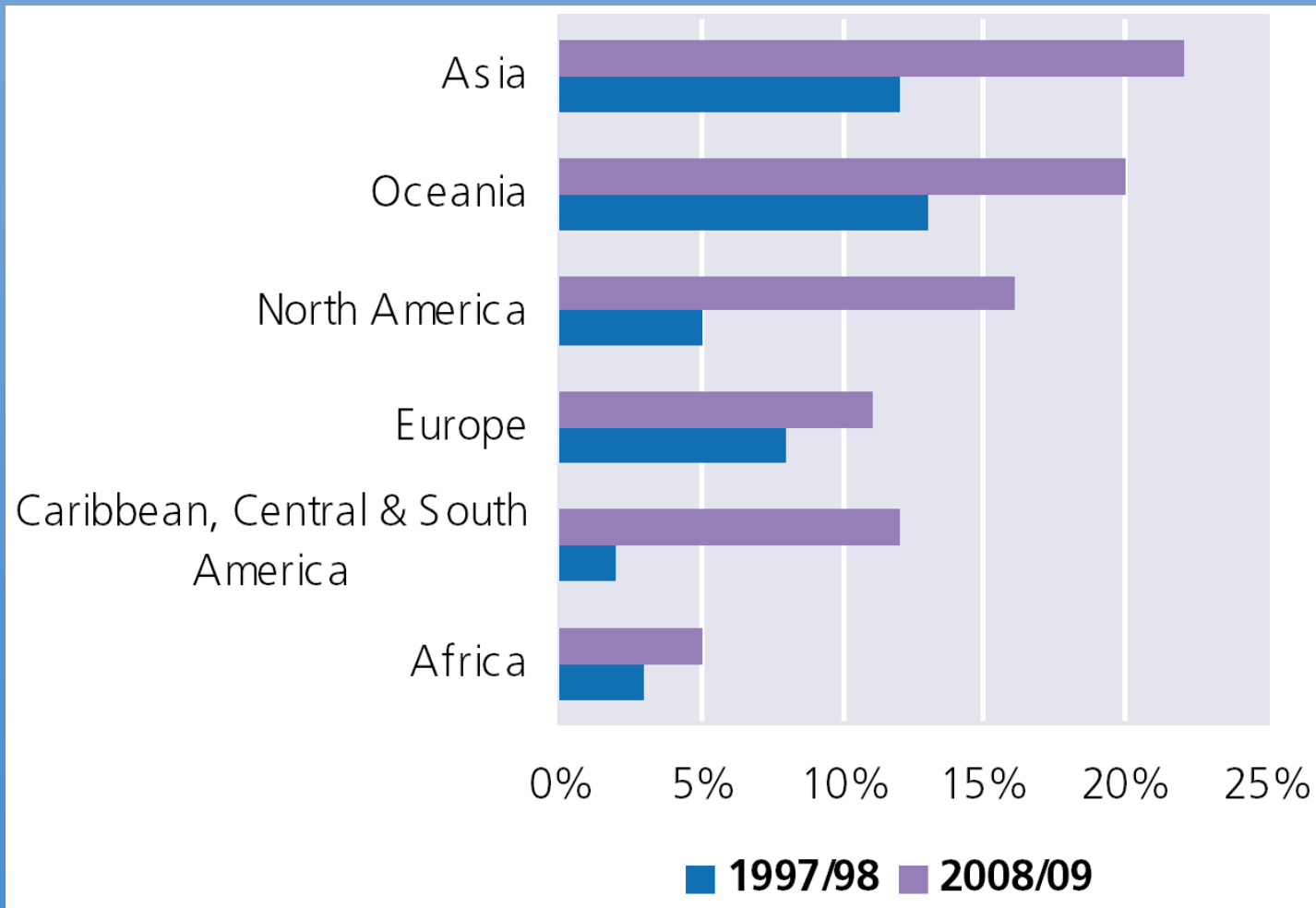
# Perceived ATS use trends (unweighted) by experts, 1999-2009



Source: UNODC, *2011 World Drug Report*, June 2011

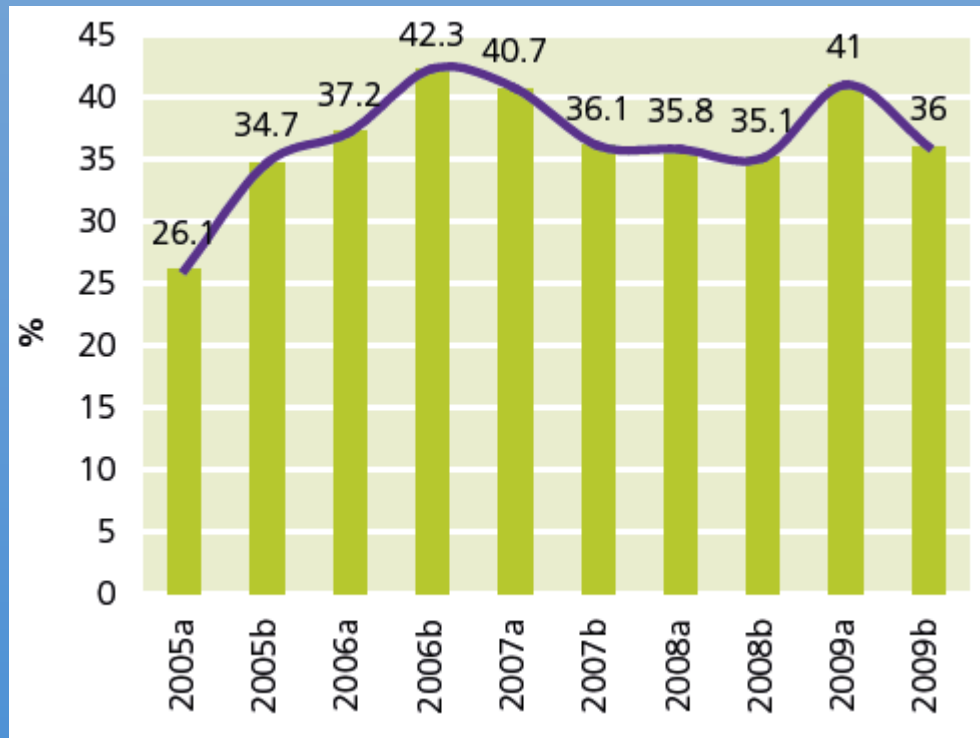


## ATS related treatment demand in % of all treatment demand, 1998 – 2009



Source: UNODC, *2010 World Drug Report*, June 2010

# Cape Town, South Africa: methamphetamine as primary substance in overall drug treatment, 2005-2009



Source: South Africa Community Epidemiology Network on Drug Use.

a= Jan to Jun, b= Jul- Dec

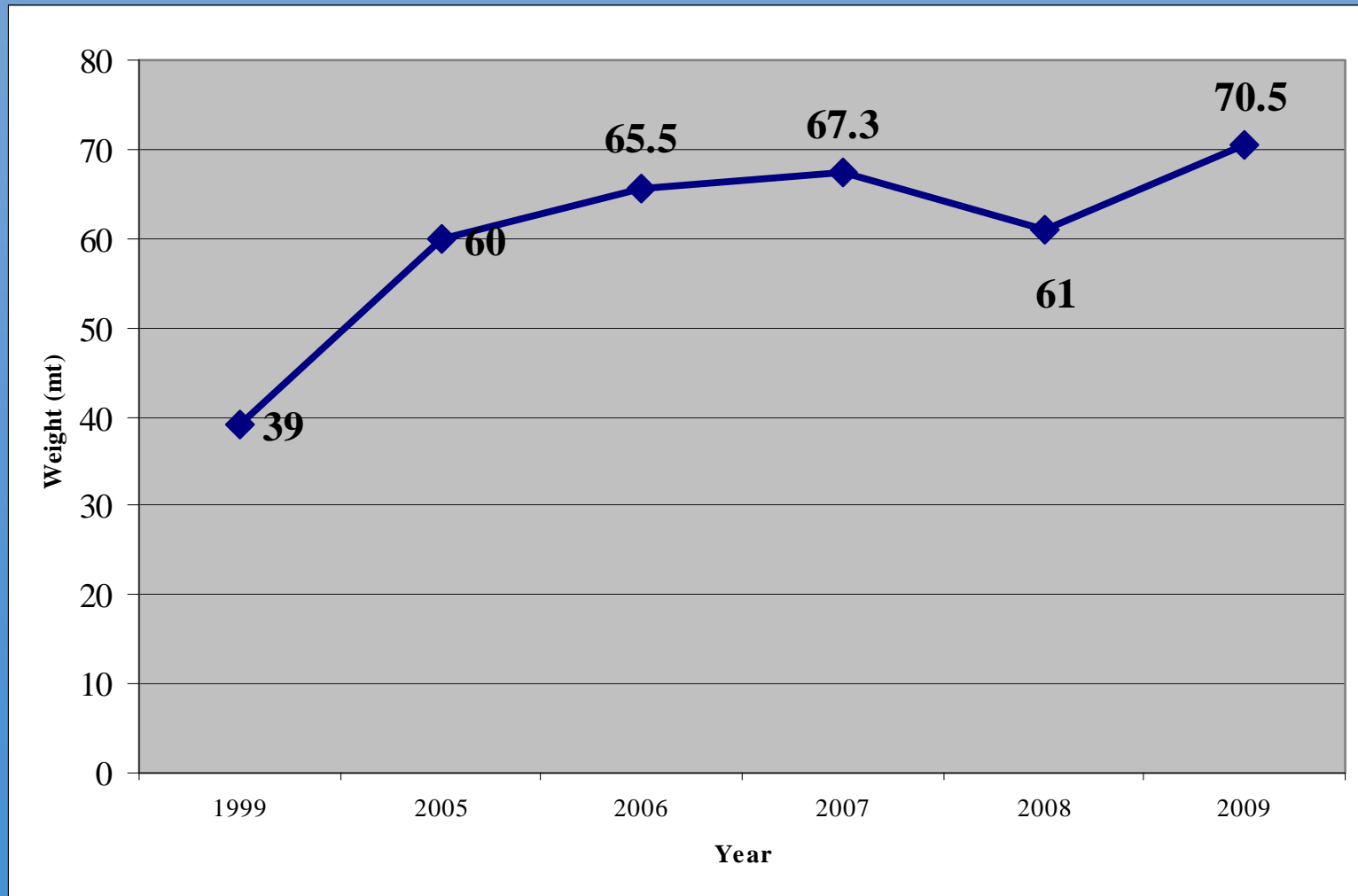
# The challenge

- **Manufacture:** Reported in more than 60 countries.
- **Trafficking:**
  - Global ATS seizures have almost doubled over the past decade
  - 39 mt (1999), 70.5 mt (2009)
  - Precursors trafficked globally
- **Use:**
  - More users of ATS than cocaine and heroin

**“Tip of the iceberg” = Significant information gaps exist**



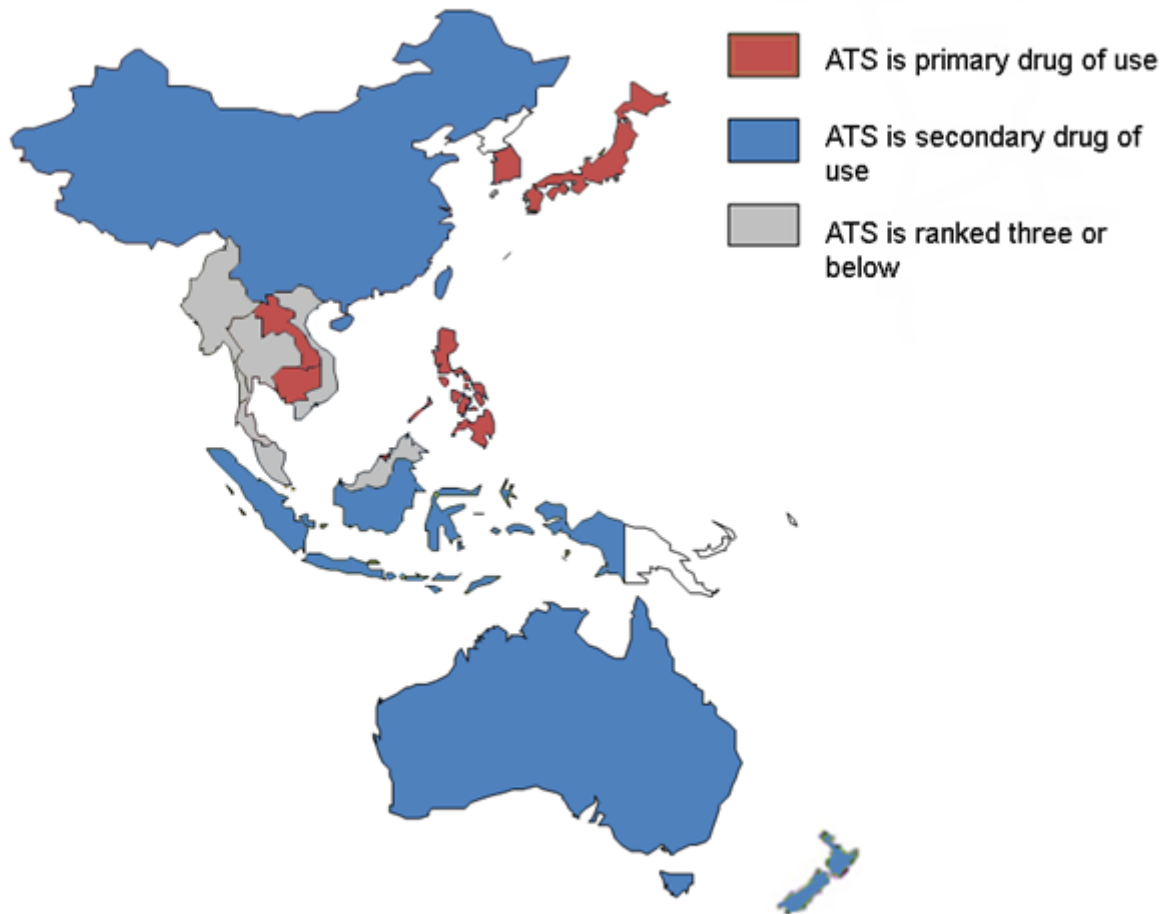
## Global ATS seizures 1999, 2005-2009





# Asia and the ATS challenge

## ATS use patterns



The boundaries and names shown on this map do not imply official endorsement or acceptance by the UN.



# ATS risk highest in East Asia

- ATS one of the major human security threats throughout the region (Myanmar)
- Emerging health issue = half of the world's ATS users are in East Asia
- ATS primary drug of concern (Brunei Darussalam, Cambodia, Indonesia, Japan, Republic of Korea, Lao PDR, Philippines)
- Indicators point to continuing increase in manufacture, trafficking and use of ATS
- Significant knowledge gaps exist



# Structure of presentation

- Existing knowledge- Global ATS
- Filling the knowledge gaps- Global SMART
- Status of Global SMART

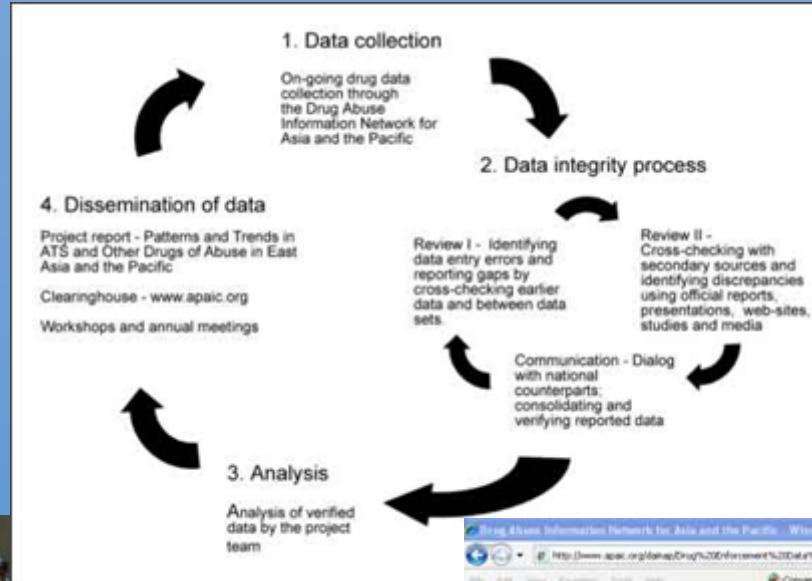


# Global SMART (Synthetics Monitoring: Analyses, Reporting and Trends) Programme

- **Objective:** Generate and manage information on synthetic and other drugs.

# SMART Investments in Capacity

- Regional and national capacity building
- National trainings and review sessions
- On-line data collection
- Data verification and quality assurance
- Country situation reports
- Regional assessments



Drug Abuse Information Network for Asia and the Pacific - Windows Internet Explorer

<http://www.apaic.org/ViewDrug%20Information%20Data%2001.php>

Drug Abuse Information Network for Asia and the Pacific

## DAINAP

DRUG ABUSE INFORMATION NETWORK FOR ASIA AND THE PACIFIC

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**Illicit drug seizures**

Country: Lao PDR  
Year: 2009

Data covers total number of reported cases and the quantities seized for each drug type.

*Note: The following data covers Quarter 1 and 2.*

Drug Type	Reported cases	Quantity seized	Unit of measurement
Cannabis herb	6	186.90	kilogram
Opioids (raw & prepared)	6	9.45	kilogram
Heroin	3	7.59	kilogram
Methamphetamine (pills/tablets)	61	137,400.00	tablet

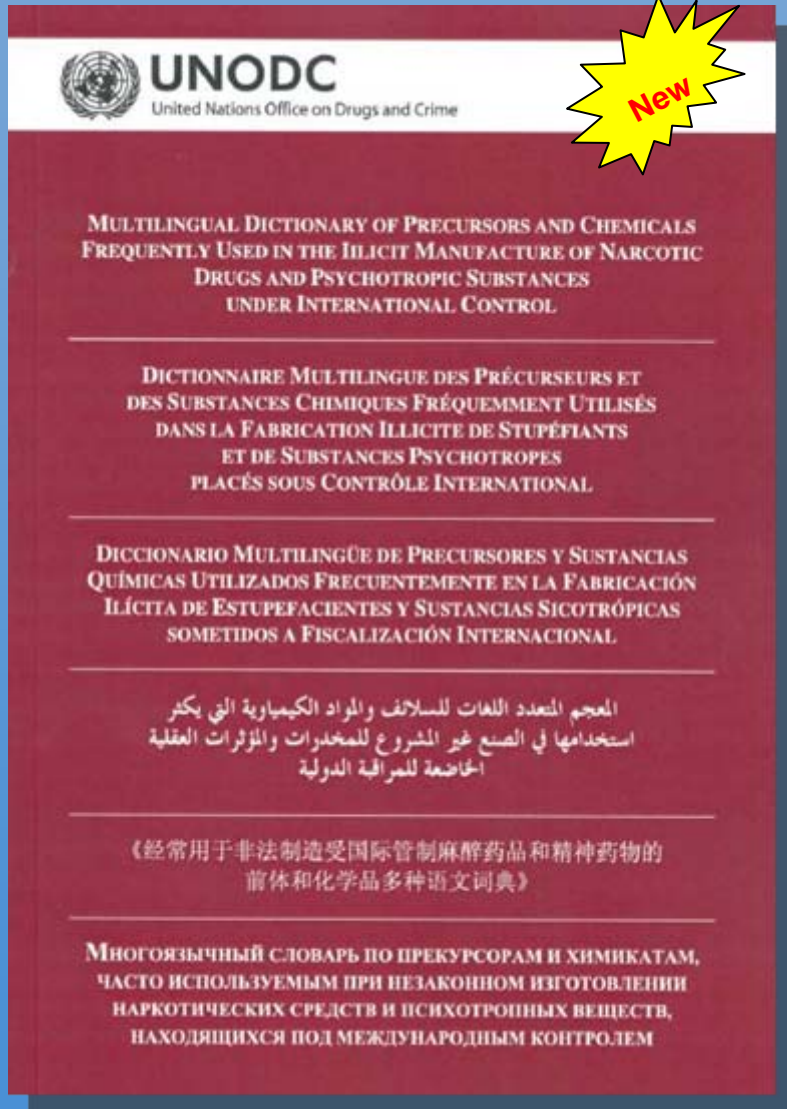
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SUPPORT/ICT: For more information please contact [ict@unodc.org](mailto:ict@unodc.org)

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# Supported by UNODC forensic science programme



**New**



- Field detection kits
  - precursor chemicals
  - synthetic drugs



- Computer-based training material

- New multi-lingual precursor dictionary



# Global SMART (Synthetics Monitoring: Analyses, Reporting and Trends) Programme

- **Analyse** and report drug information at national, regional and global level.



# Global SMART – accomplishments to date

2008/9

- Global ATS Assessment, September 2008
- Global SMART Update v1, March 2009
- SMART Advisory Group Meeting, March 2009
- **Global SMART programme fully staffed, July 2009**
- Regional East and South-East Asia workshop, July 2009
- National workshops (Cambodia, Myanmar Philippines), December 2009; Malaysia, June 2010
- Global SMART Update v2, October 2009
- East and South-East Asia Regional Report, November 2009
- Global SMART at SYNDEC4 Conference, November 2009



# Global SMART – accomplishments to date

## 2010/2011

- Global SMART Update v3, March 2010
- Commission on Narcotic Drug 53rd session, Global SMART side-event, March 2010
- SMART Advisory Group Meeting, March 2010
- National workshops (Cambodia, Myanmar Philippines, Malaysia)
- Global SMART at Pacific Drug and Alcohol Research Network, July 2010
- Regional East and South-East Asia workshop, July 2010
- Global SMART Update v4, October 2010
- East and South-East Asia Regional Report, November 2010
- Global SMART in the Americas, January 2011
- Global SMART Update v5, March 2011
- Commission on Narcotic Drug 54th session, Global SMART side-event, March 2011
- SMART Advisory Group Meeting, March 2011
- Global SMART at the EMCDDA, First Forum on New Drugs, May 2011



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# Global level ATS reporting





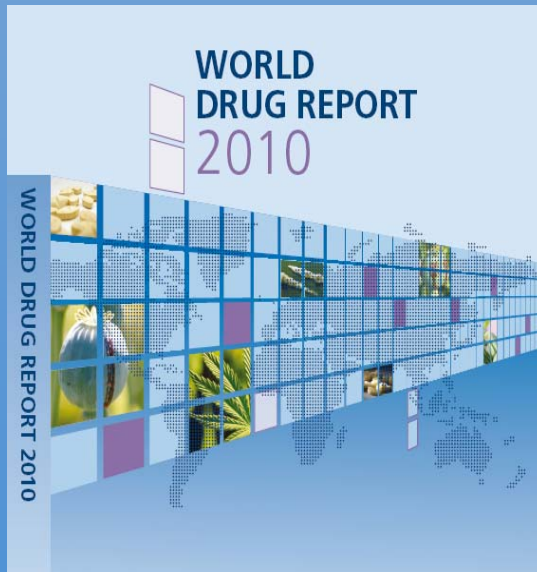


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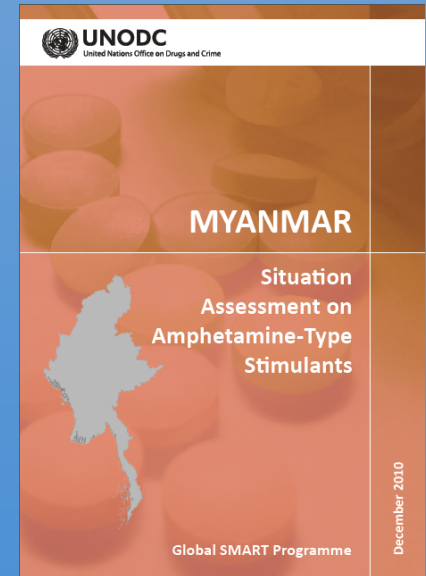
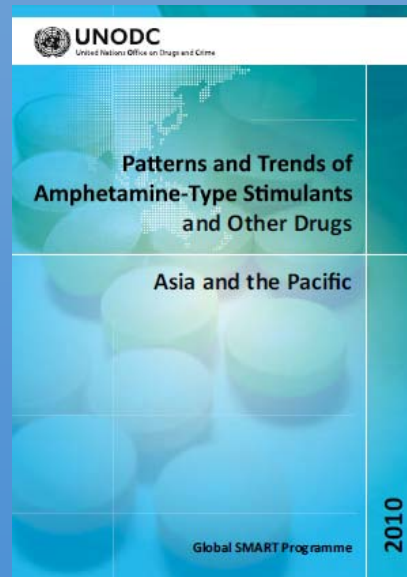
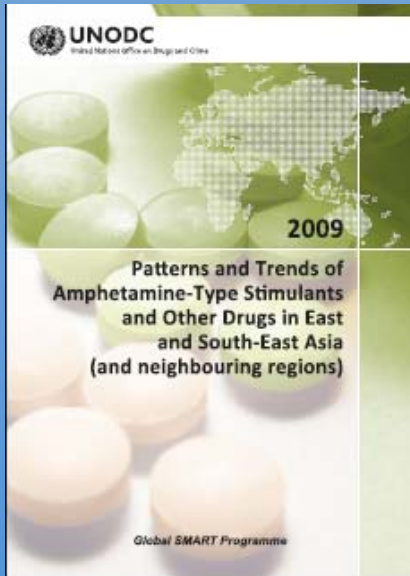
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# Global level ATS reporting



# Regional and national ATS reporting

## Patterns and Trends of ATS in East and South-East Asia 2009, 2010 (South Asia, Pacific)



## Myanmar: Situation Assessment on ATS



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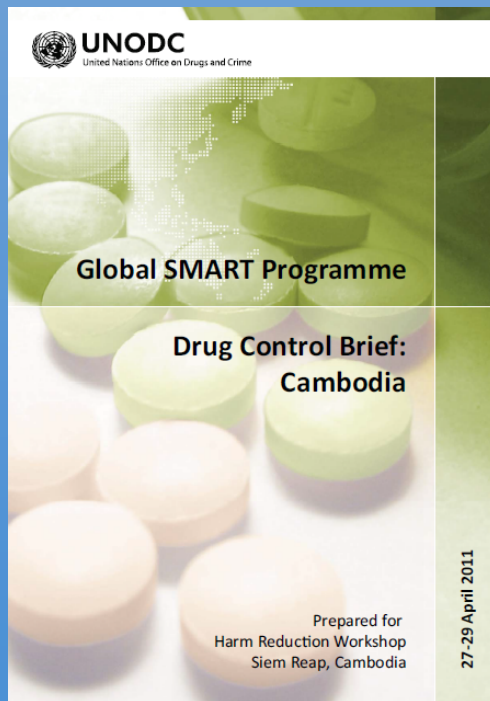


# Global SMART (Synthetics Monitoring: Analyses, Reporting and Trends) Programme

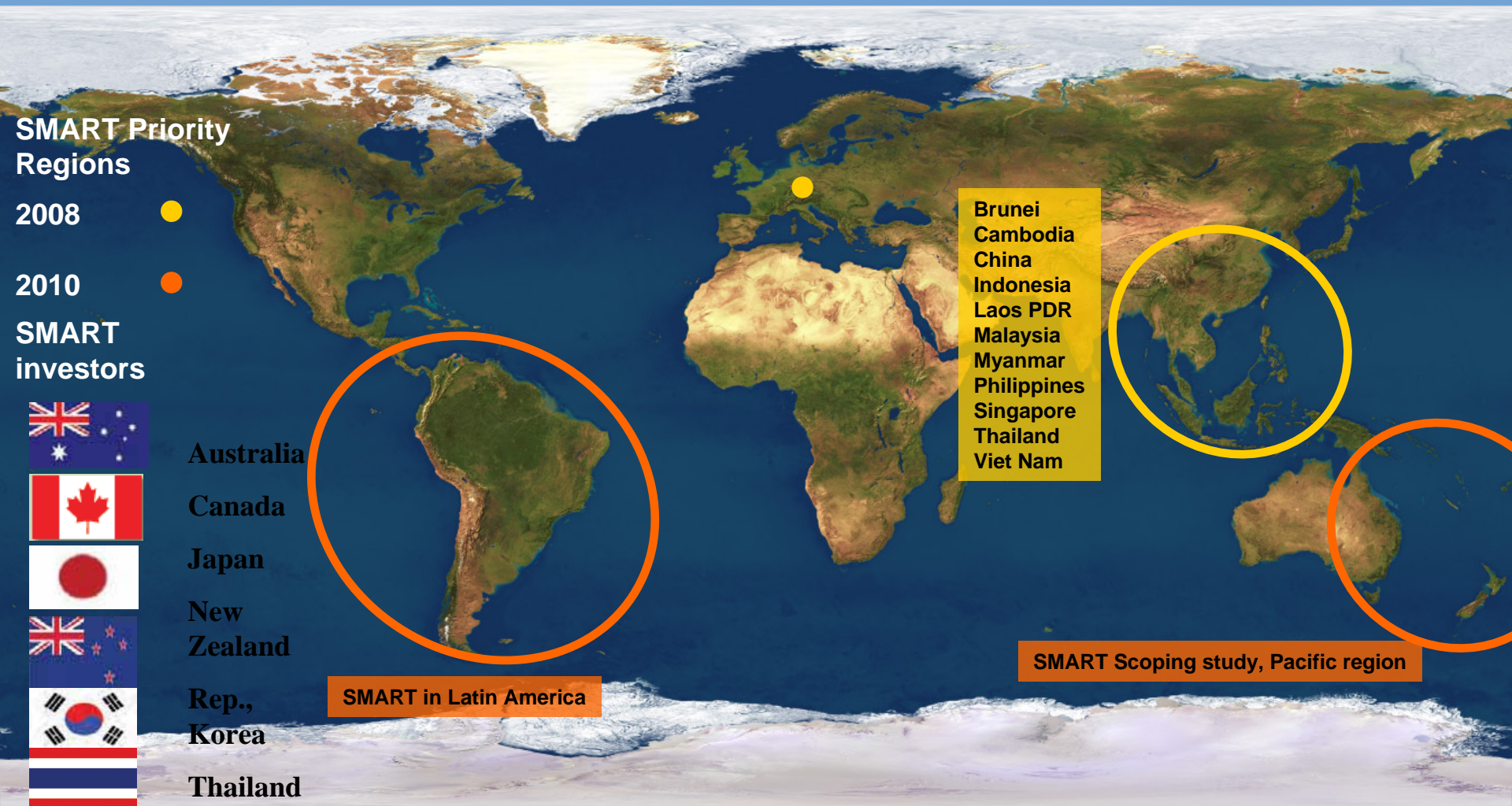
- **Objective:** Drug information is used by countries for evidence-based policy and strategic/ tactical interventions.



# Drug Control Briefs



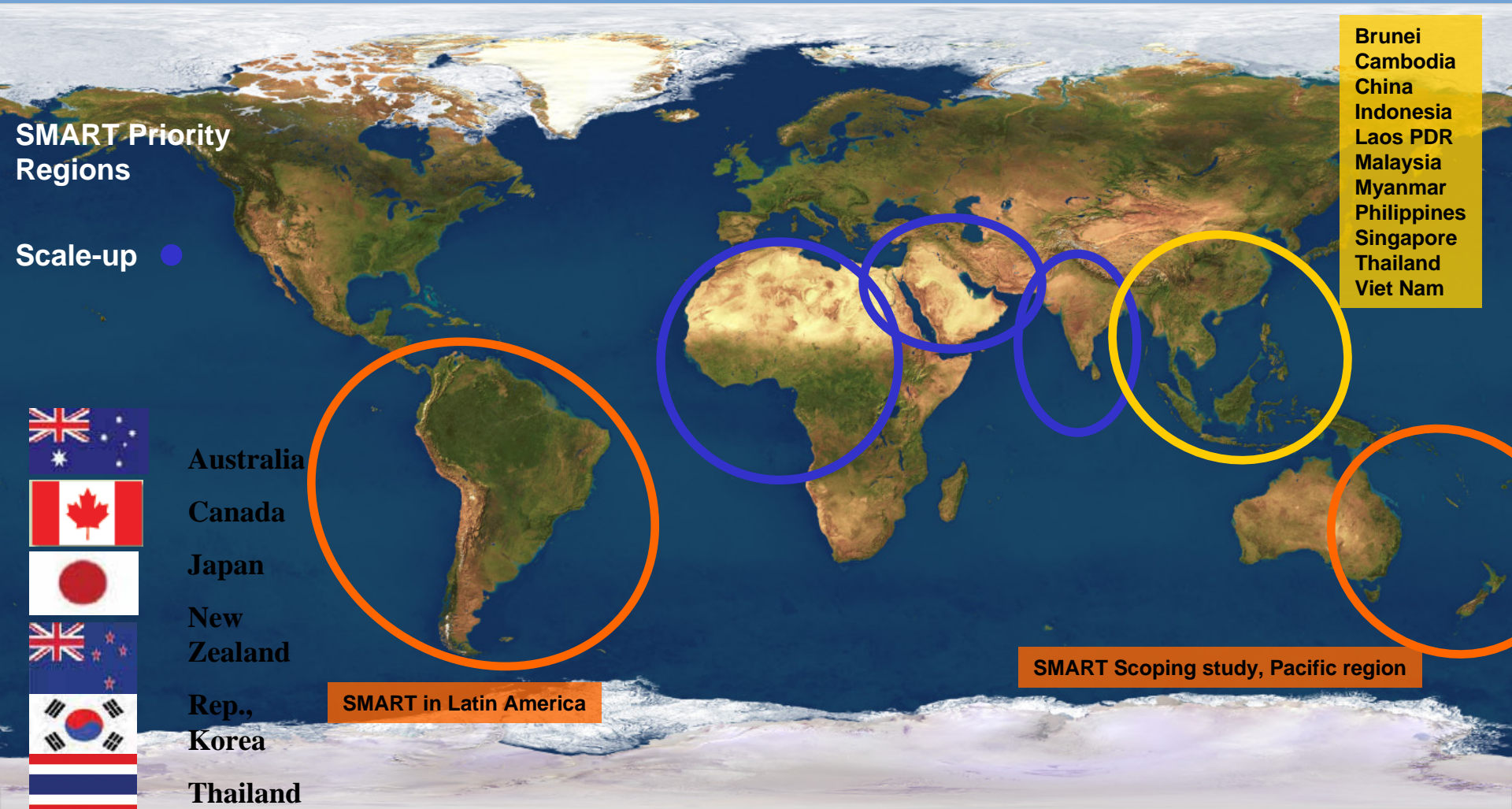
# SMART currently operates in East and South-East Asia and Latin America



## SMART in Latin America

- Global SMART Update, Volumes 3 and 4 (Spanish)
- Operational since January 2011
- Implemented in close cooperation CICAD/OAS
- Initial two-day technical workshop in March 2011 (Argentina, Chile and Uruguay)
  - agreement achieved on need to develop adequate monitoring tools to review the ATS phenomenon
  - share data using a questionnaire similar to DAINAP

# Further ATS “hotspots”- SMART potentials







# ATS “hotspots” - directly affecting East and South-East Asia

- **West Africa**
  - Methamphetamine trafficking to East Asia (Rep. of Korea, Japan, Indonesia, Malaysia)
  - Methamphetamine manufacturing facility (June 2011)
- **Near and Middle East**
  - Methamphetamine trafficking from Islamic Republic of Iran (to Rep. of Korea, Indonesia, Thailand, Malaysia, Australia, New Zealand, Japan, Philippines)
- **South Asia**
  - Ketamine manufacture and trafficking (e.g. Hong Kong, SAR)
  - Trafficking of precursors – ephedrine and pseudoephedrine pharmaceutical preparations



# Global SMART – the way forward

- Global ATS assessment, September 2011
- East and South-East Asia Regional Report, Fall 2011
- Regional Workshop, SMART Latin America, 4<sup>th</sup> quarter 2011
- Global SMART Update v6, October 2011
  
- Commission on Narcotic Drugs 55<sup>th</sup> session, Global SMART side-event, March 2012
- SMART Advisory Group Meeting, March 2012



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Thank you for your attention

**globalsmart@unodc.org**

More sources for ATS information

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[www.apaic.org](http://www.apaic.org)