UNODC SUBSTANTIVE APPLICATIONS - DRUG CONTROL
MR. GERT EIDHERR, UNODC
UNODC Substantive Applications - Drug Control

- NDS (National Drug Control System)
- PEN Online (automated online system for the exchange of pre-export notifications)
- IDS (International Drug Control System)
- NDS SPA (Statistic Processing & Analysis)
- NDSWEB (online data collection for import, export, endorsements and annual statistics)
Why NDS? How NDS helps?

• Supports conventions on Narcotic Drugs 1961, Psychotropic Substances 1971 and Precursor Chemicals 1988

• Prevents diversion of substances into illicit channels

• Ensures countries obtain the quantities they need for medical, scientific and other licit purposes

• NDS program suite helps achieve these tasks by managing domestic distribution and international trade

• INCB is judicial body for 212 member states who have to comply to the conventions and are required to submit transaction reporting (precursor exports), quarterly and annual statistics
Why NDS? How NDS helps?

- A Management Information System (MIS) for national and international drug control
- Automates range of day-to-day drug control activities (import/export permits, licensing of companies, domestic transactions, company management)
- Automates compliance with drug control conventions on narcotic drugs, psychotropic substances and precursor chemicals
- Enables exchange of data electronically on national and international levels and fosters interoperability between different systems using XML standard -PEN system
- Available in English, French, Spanish and Russian (customizable to any language without programming effort)
- NDS is an open system, extensions can be built without modifying the NDS source
Who Should Use NDS?

- Drug control authorities regulating narcotic drugs, psychotropic substances, precursor chemicals
- Drug control authorities that deal with sufficient numbers of transactions per year
- Drug control authorities that have the technical infrastructure and commitment to sustain the use of NDS

OR

Who can partner with other bodies which provide regional services over the Internet
NDS customization examples – Mexico, Canada

No. IPO-2369-2005

Fecha de Salida: Mexico, D.F.

Importador:
Laboratorios FLEA, S.A. DE C.V.
Col. Zona Industrial
C.P. 1308, Drug. Hermosillo
Est. Hermosillo

Exportador:
Patrones 85
Fax Doc.: THE UNITED STATES PHARMACEUTICAL CONVENTION, INC. 12095 TWINBROOK PARKWAY, ROCKVILLE, MARYLAND 20852, U.S.A.

ADUANA DE ENTRADA:
Aduana Internacional “Hdeto Juarez” de la Ciudad de México.

Materia prima a importar:

<table>
<thead>
<tr>
<th>Descripción</th>
<th>Cantidad</th>
<th>Unidad</th>
</tr>
</thead>
<tbody>
<tr>
<td>Diclofenac</td>
<td>40</td>
<td>g</td>
</tr>
</tbody>
</table>

Destinado para:

Esta autorización es válida por 180 días y su expiración puede ser solicitada por el importador.

Atentamente,
El Director Ejecutivo de Regulación de Estupefacientes, Psicotrópicos y Sustancias Químicas

M. E. C. VÍCTOR M. LUNA VILLARREAL

Con fundamento en el artículo 21, párrafo tercer del Reglamento de la Comisión Federal para la Protección contra Riesgos Sanitarios.
NDS has set standards / uses standards

- Drug Codes, HS (Harmonized System), CAS (Chemical Abstracts Services), EAN (European Article Numbering)
- Exchange of company and pharmaceutical preparations
- Receive estimate / assessment updates from INCB’s website
- Pen Online linkage with NDS and to INCB
- Send statistical reports electronically as XML files
- Preparation of statistical reports for quarterly statistics reduced from weeks to minutes, annual from months work to 1 week
- Online data collection from companies
- Regional cooperation (CA countries, OAS, Caribbean)
NDS Statistics - Facts

- 50 countries working with/requested NDS
- 46 countries in production by end 2011
- 60 target countries (end 2014)
- Receive positive feedback from countries as statements
- Countries request more features
- Countries praise NDS at UGM (User Group Meetings) – 2009 Mexico
- Cooperation projects – CA countries
- Partnerships – OAS (Organization of American States)
- SLA (Service level agreements) with key users
- 84 % Opium production and 54 % Codeine production covered by countries using NDS
Why NDS?

- NDS is a standard system that is now recognized worldwide
- NDS can be used via the Internet
- NDS combines the control of narcotics, psychotropic substances and precursor chemicals in one system
- NDS combines national and international drug control in one system
- NDS permits data exchange from/to INCB and between member states using XML (e.g. assessment/estimates from IDS, PEN Online)
Thank You!

Gert Eidherr
Global Project Manager, ITS
Information Technology Service
United Nations Office on Drugs and Crime
NDS / NDSWEB infrastructure example