

Training of Trainers Workshop on Trade Facilitation and Paperless Systems for Agrifood Products

Bangkok, Thailand, 15-17 December 2014



Module 2.2: Trade Data & Document Harmonization

Somnuk Keretho, PhD
Director, Institute for IT Innovation 
Kasetsart University, Bangkok

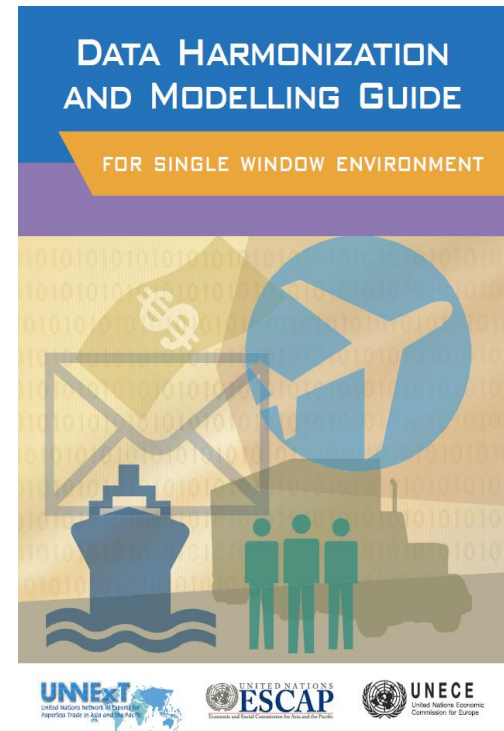
Regional Training of Trainer Workshop
Trade Facilitation & Paperless Systems for Agrifood Products
organized by UNESCAP

15-17 December 2014
United Nations Conference Centre, Bangkok



Objectives of this module

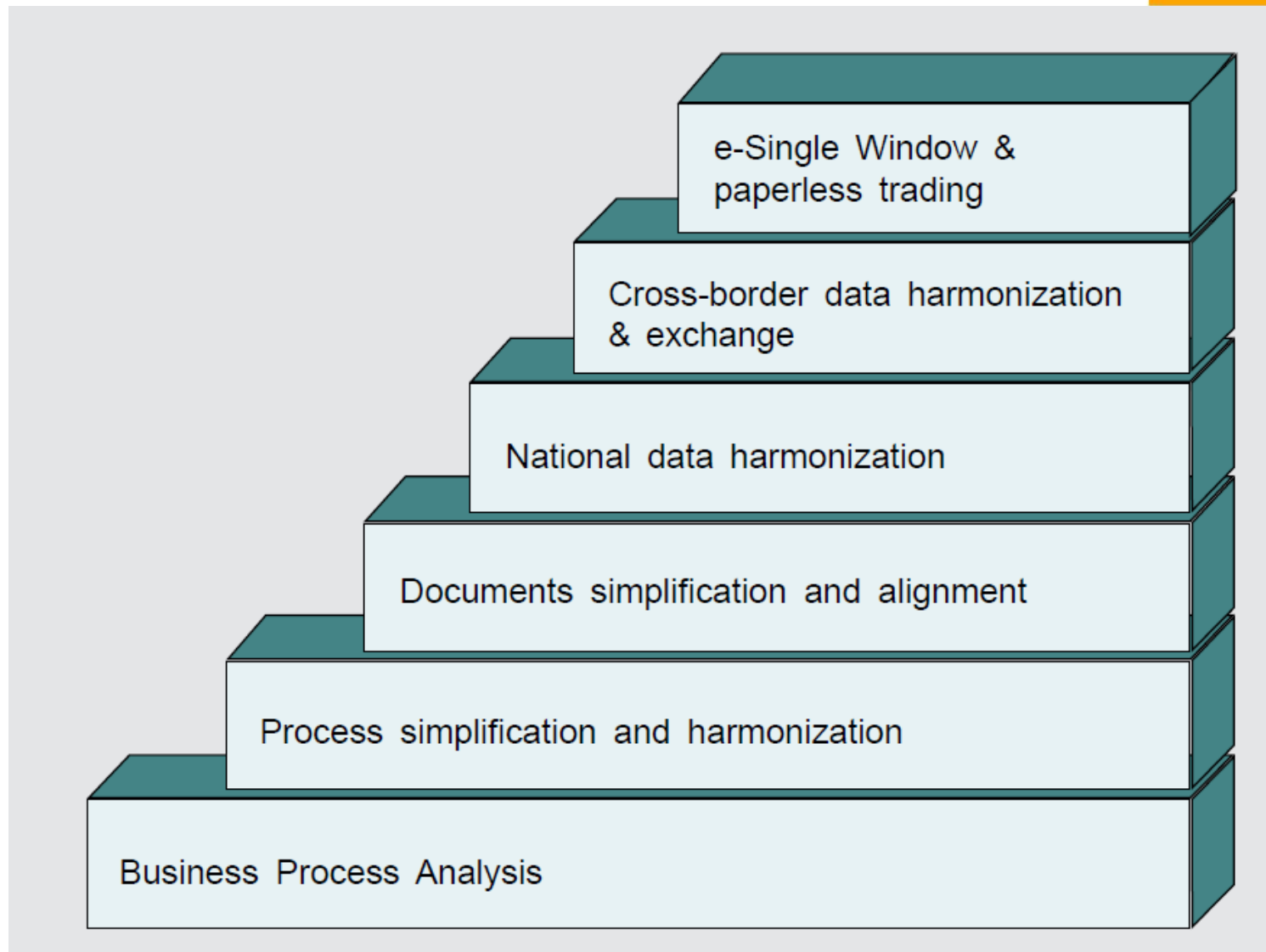
- To briefly introduce **how to conduct trade data analysis and document harmonization** for international trade improvement [based on the UNNExT Data Harmonization and Modeling Guide for SW Environment].
- To discuss some **DH case studies**.



Trade Data & Document Harmonization

- **Simplification and harmonization** of trade data and documentary requirements can contribute significantly to the reduction of time and costs for international trade transactions.
- Harmonizing data used in trade documents and aligning them with **international standards** ensure **data interoperability** among the **various parties** engaged in a trade transaction.

Step-by-step approach to the development of electronic Single Window and paperless trading



What is Data Harmonization?

- There is always a possibility that each of us interprets each data element differently, e.g.
 - For a buyer, a delivery date can be “date and optionally time when goods are *requested* to be delivered.”
 - For a seller, a delivery date can be “date and optionally time when goods are *estimated* to be delivered.”
- We need a precise and commonly understood data definitions and meaning for each data element used in any forms or documents during trade transactions and communications among concern parties.

What is Data Harmonization?

Form: A data carrier designed to carry a visible record of data entries



**Field heading
or Data Element Name**

A field identifier expressed in plain language, in full or abbr.

Data Field

An area designated for a specified data entry

1. Goods consigned from (Exporter's business name, address, country)	Reference No. ASEAN TRADE IN GOODS AGREEMENT/ ASEAN INDUSTRIAL COOPERATION SCHEME CERTIFICATE OF ORIGIN (Combined Declaration and Certificate) FORM D Issued in _____ (Country) See Overleaf Notes
2. Goods consigned to (Consignee's name, address, country)	
3. Means of transport and route (as far as known) Departure date Vessel's name/ Aircraft etc. Port of Discharge	4. For Official Use <input type="checkbox"/> Preferential Treatment Given Under ASEAN Trade in Goods Agreement <input type="checkbox"/> Preferential Treatment Given Under ASEAN Industrial Cooperation Scheme <input type="checkbox"/> Preferential Treatment Not Given (Please state reason/s) Signature of Authorised Signatory of the Importing Country

The objectives of DH

- The objective of data harmonization, in the context of trade facilitation, is to **eliminate redundancies and duplication** in international trade data.
- Data harmonization **enables data interoperability** among individual information systems in the international supply chain, including Single Windows, by producing **a set of harmonized core data elements with common semantic meanings**.

预览已结束，完整报告链接和二维码如下：

https://www.yunbaogao.cn/report/index/report?reportId=5_4746

