

UNECE



Ulaanbaatar, Mongolia, September 2009

Standards and the United Nations

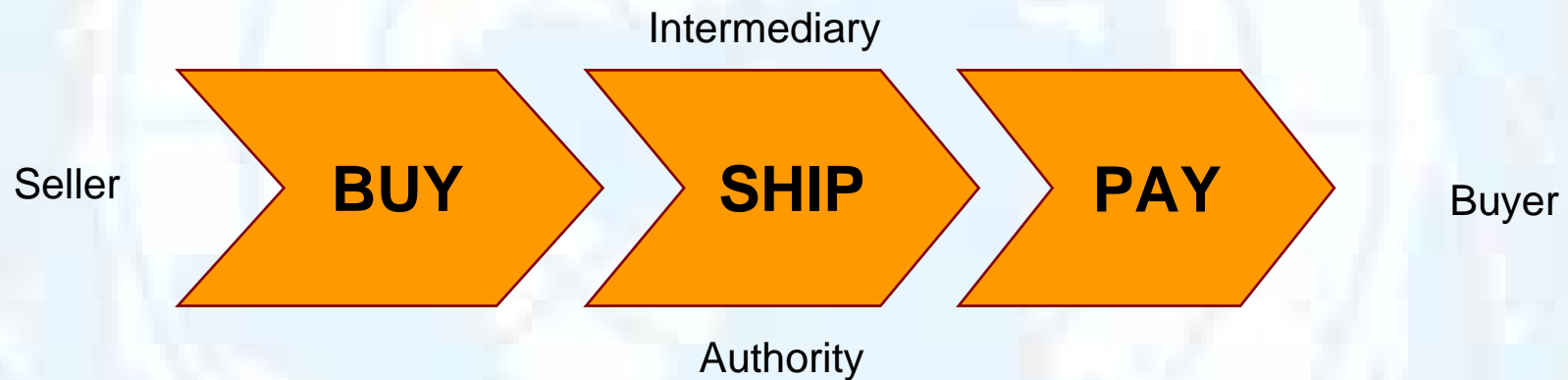
- **The United Nations promotes trade for its potential to foster economic development and eradicate poverty.**
- **UNECE develops trade-related recommendations, standards and tools**
- **UNECE standards are open, technology neutral and free**
- **Scope includes SMEs, developing and transition economies**

**UNITED NATIONS CENTRE
FOR
TRADE FACILITATION
AND
ELECTRONIC BUSINESS
(UNECE/CEFACT)**



**SIMPLE,
TRANSPARENT
AND
EFFECTIVE
PROCESSES
FOR
GLOBAL BUSINESS**

The International Trade Transaction Process



The International Trade Transaction Process consists of integrated and coordinated flows of information, goods & payments

The International Trade Transaction Process

BUY

**Establish
Business
Agreement**

**Request
Quotation**

Negotiate

**Agree
Contract**

Order



Commercial Procedures

- **Establish Contract**
- **Order Goods**
- **Advise On Delivery**
- **Payment Request**

The International Trade Transaction Process

SHIP

**Prepare for
Export**

Export

Transport

**Prepare for
Import**

Import



Regulatory Procedures

- Obtain Import/Export Licences etc
- Provide Customs Declarations
- Provide Cargo Declaration
- Apply Trade Security Procedures
- Clear Goods for Export/Import



Transport Procedures

- Establish Transport Contract
- Collect, Transport and Deliver Goods
- Provide Waybills, Goods Receipts Status reports etc.

The International Trade Transaction Process

PAY

**Prepare for
Payment**

**Request
Payment**

**Initiate
Payment**

**Execute
Payment**

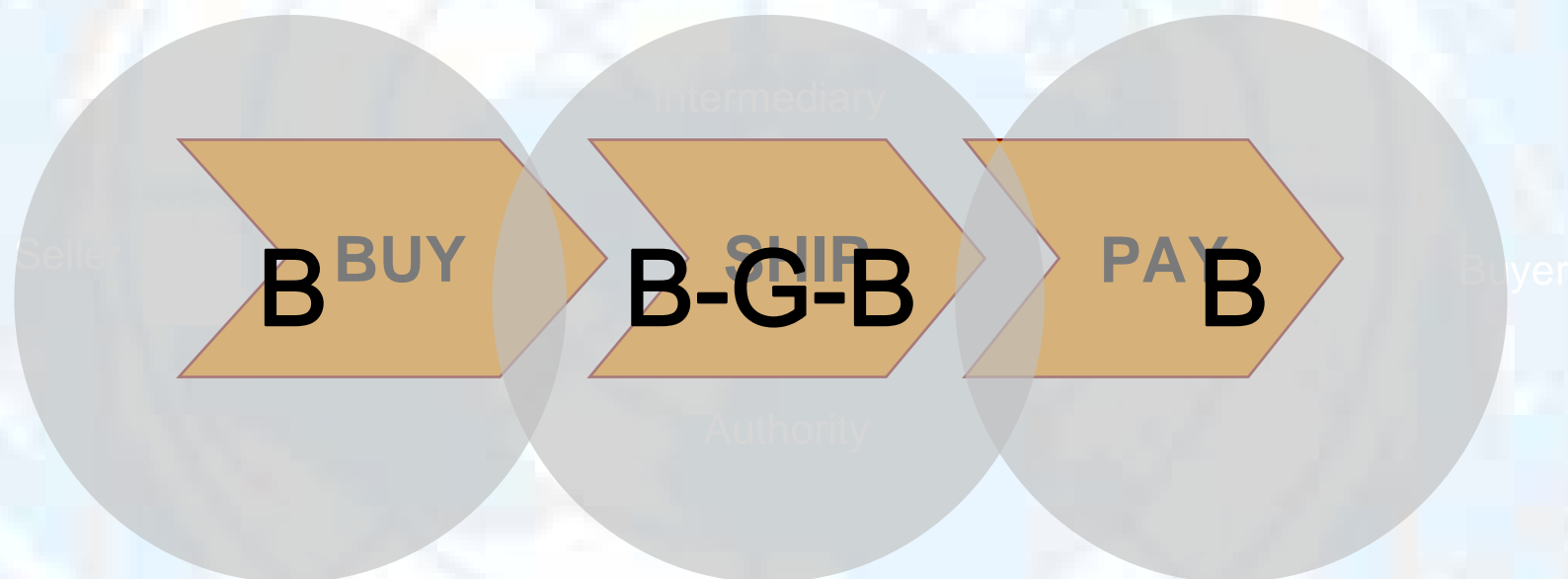
**Advise
Payment**



Financial Procedures

- **Provide Credit Rating**
- **Provide Insurance**
- **Provide Credit**
- **Execute Payment**
- **Issue Statements**

Data exchange in international supply chains covers Trade, Transport and Administrations



UNECE standards and data models cover B2B, B2G and G2G

UNECE Standards for Data Exchange and SW

- **Simplification of Trade documents**

United Nations Layout Key (Rec 1, UNLK)

- **Use of Codes for trade information**

United Nations Location Codes (Rec 16, UN/LOCODE)

- **Standardization and Simplification of trade data exchange**

UN/EDIFACT, Core Component Library (CCL)

- **Recommendation for establishing Single Window**

Single Window Recommendation (Rec 33)

Data Harmonization for Single Window (Rec 34; under development)

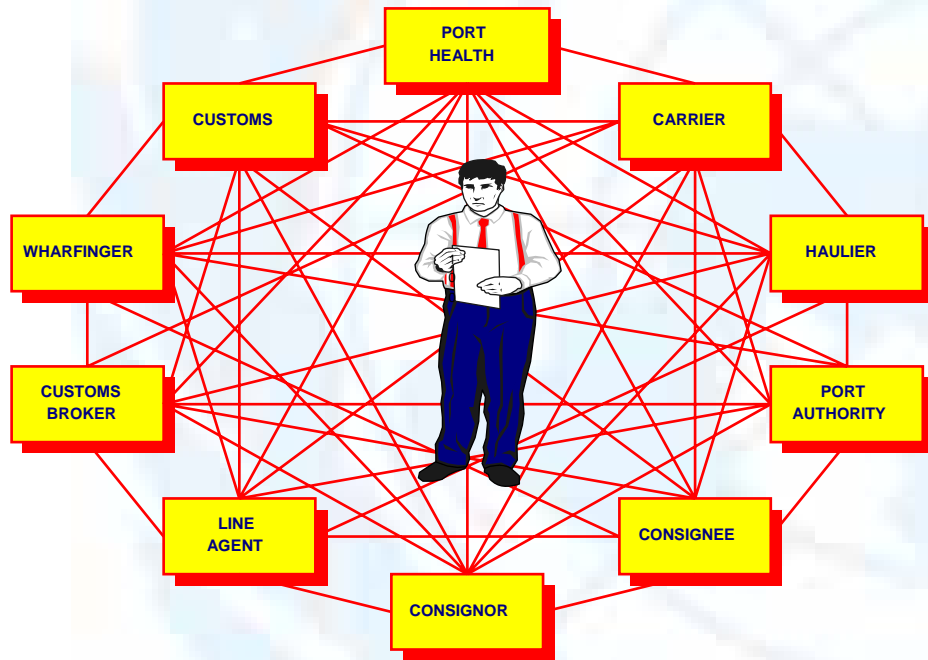
Legal Framework for Single Window (Rec 35; under development)



UN/CEFACT Recommendation on Establishing a Single Window (Rec. 33)

Streamlining trade information: The Single Window Concept

FROM

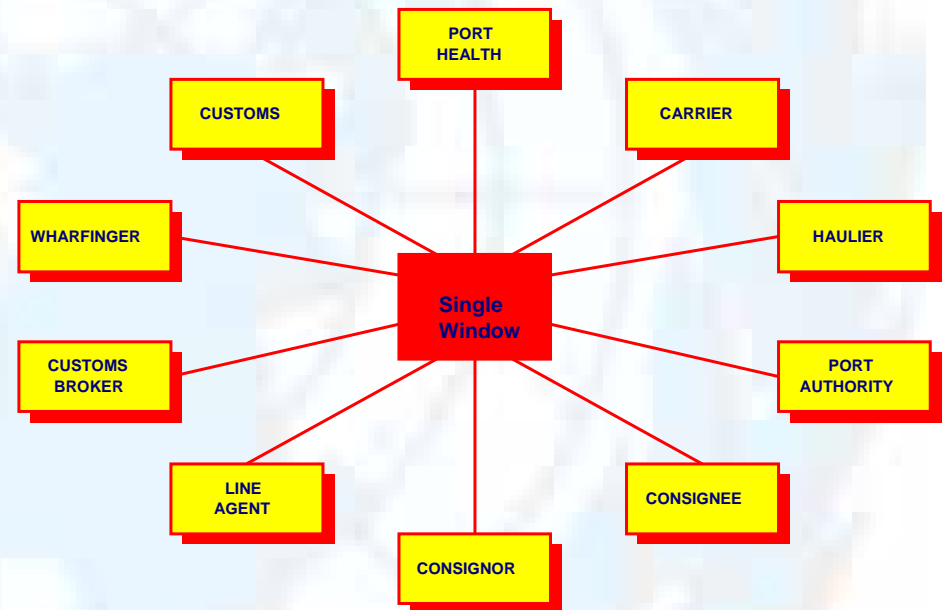


Mountains of paper

30% mistakes

Weeks for clearance

TO



**Customs, export, import, etc.
processes together**

Many documents filed together

Appr. 1 hour for clearance **UNECE**

UNECE Definition of a Single Window

“A Single Window is a facility that allows parties involved in trade and transport to lodge standardized information and documents with a single entry point to fulfill all import, export, and transit-related regulatory requirements.

If information is electronic, then individual data elements should only be submitted once”.

UN/CEFACT Recommendation 33

UN CEFACT Recommendation 33

Features of a Single Window:

- ❑ *Single entry point* to lodge data and documents
- ❑ *Standardization* of data and documents
- ❑ *One time* submission of data
- ❑ *Co-ordination* of regulatory controls
- ❑ Access to trade related *government information*

Single Window Agendas ..

Single Window national project concept to:

- ❑ Increase competitiveness of the national economy
- ❑ Simplify processes for trade
- ❑ Simplify and automate data exchange
- ❑ Collaboration between government agencies
- ❑ Information exchange across borders
- ❑ Information exchange on international standards

Step by Step Path to Paperless Trade and Single Window

Single Window

>> Rec 33 & 35

(Cross) Border Data Exchange

>> Core Component Library ,

WCO Data Model

Document Simplification and Standardization

>> UNLK, TF Toolkit and Form Repository

National Data Rationalization and Harmonization

>> UNTDED, WCO Data Set

Process Simplification and Harmonization

>> Rec 4 & 18, Process Analysis Handbook

Process Analysis

>> ECE/ESCAP Process Analysis Handbpook

Diversity of SW models

Financing

- ❑ By the State (Finland, Sweden, United States),
- ❑ By the private sector (e.g. Guatemala, Germany)
- ❑ Public-private partnership (e.g. Ghana, Mauritius, Senegal, Singapore)

The use of Single Window

- ❑ Compulsory (Finland, Guatemala, Mauritius, Senegal)
- ❑ Voluntary (Germany, Malaysia, Sweden, United States)

Fees

- ❑ Free (Finland, Sweden, United States)
- ❑ Paid based on various payment schemes (Guatemala, Germany, Malaysia, Mauritius, Senegal, Singapore)

Survey on Single Window

- UNECE conducted comprehensive Survey after publication of its Single Window Recommendation
- Focus on services, technologies, promotion, judicial aspects, standards, benefits, experiences made
- Published at http://www.unece.org/cefact/single_window/welcome.htm

The background of the slide features a large, faded, light blue version of the United Nations emblem. The emblem consists of a world map centered on the North Pole, surrounded by a laurel wreath.

Trade Information Crossing Borders

Trade standards and landlocked Countries

Mongolia can implement SW for efficient information exchange among government agencies and trade (B2G2B data exchange)

..but is this sufficient?

The efficiency of the Mongolia trade depends also crucially on efficient trade data exchange between Mongolia and its transit neighbours

$$E_{MO} = MO(B2G2B) \times CN(B2G2B) \dots$$

Mongolia Single Window

How can Mongolia increase the efficiency of its own processes and information exchange?

Which standards and agreements should it adopt?

How can Mongolia collaborate with its transit countries to adopt compatible standards and procedures?

Summary

- ❑ UNECE has over 40 years of expertise in setting the standards for global supply chains
- ❑ Data exchange in global supply chains requires an integrated set of standards for common data formats and semantic definitions
- ❑ Single Windows is a holistic framework based on electronic data exchange and process simplification
- ❑ Implementation of SW is a stepwise approach
- ❑ The diversity of Single Window implementations reflect the diversity of issues and needs in global trade



THANK YOU

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