

# **UNECE/UNESCAP Workshop on Electronic Trade Documents**

Ulaanbaatar, Mongolia,

October 2009

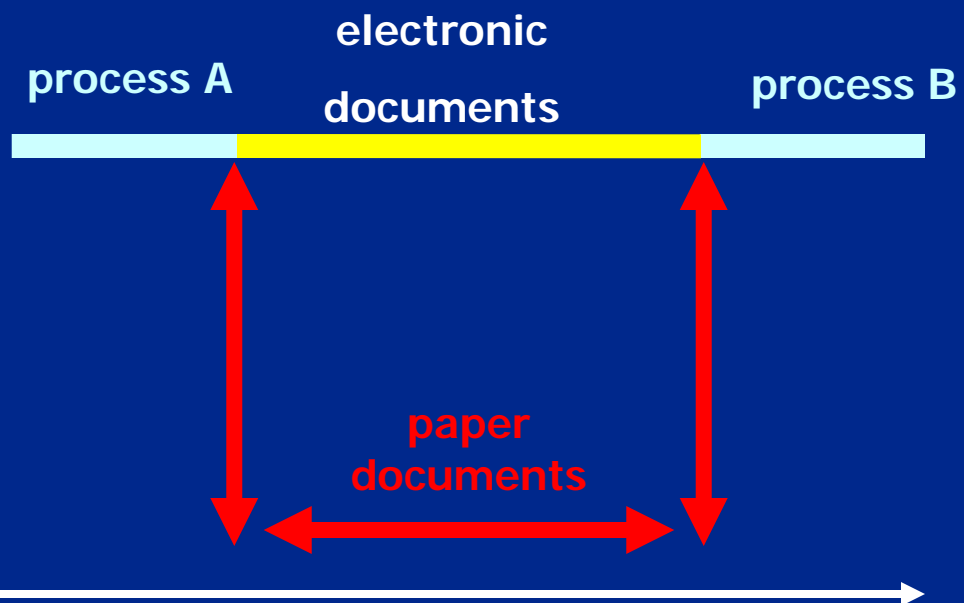


## Presentation

- ❑ Need for digital paper documents
- ❑ Developing Electronic documents for SW
- ❑ Using Digital Paper in Supply Chains
- ❑ Standards & tools to develop digital paper documents

# Information technology in supply chains...

Information  
Technology/  
Logistics









# Electronic Trade Documents: The "digital Paper" approach

## Moving from today's paper documents

Information exchange in global trade is based on paper documents

Trade processes and practice are based on paper documents

## To electronic documents:

Need the equivalent of a paper document in electronic format

Build on existing standards and int' agreements

Complement the paper standards with electronic standard components

Documents with fallback option to paper

*Digital Paper for Trade*



# Trade Documents

Document Standards 3300 BC



# DDocs



# ASEAN CEPT FORM D

1. Goods consigned from (Exporter's business name, address, country)			Reference No.		
2. Goods consigned to (Consignees name, address, country)			<p style="text-align: center;"> <b>ASEAN COMMON EFFECTIVE PREFERENTIAL TARIFF / ASEAN INDUSTRIAL COOPERATION SCHEME CERTIFICATE OF ORIGIN</b>  <small>(Combined Declaration and Certificate)</small>  <b>FORM D</b>  <b>Thailand [TH]</b>  Issued in _____  (Country)    See Notes Overleaf </p>		
3. Means of transport and route(as far as known)			4. For Official Use		
Departure date _____  Vessels Name/Aircraft ect. _____  Port of Discharge _____			<input checked="" type="checkbox"/> Preferential Treatment Given Under ASEAN Common Effective Preferential Tariff Scheme  <input type="checkbox"/> Preferential Treatment Given Under ASEAN Industrial Cooperation Scheme  <input type="checkbox"/> Preferential Treatment Not Given (Please state reasons/s) <div style="border: 1px solid black; height: 40px; width: 100%;"></div> Signature of Authorized Signatory of the Importing Country		
5. Item number	6. Marks and numbers on packages	7. Number and type of packages, description of goods (including quantity where appropriate and HS number of the importing country)	8. Origin criterion (see Notes overleaf)	9. Gross weight or other quantity and value (FOB)	10. Number and date of invoices



## DDocs

## ASEAN CEPT FORM D

<p>1. Goods consigned from (Exporter's business name, address, country)</p> <p>1 Bangbuatong Ladbualuang Rd., Nontaburi 11150 Thailand</p>			<p>Reference No.</p> <p>-----</p> <p>ASEAN COMMON EFFECTIVE PREFERENTIAL TARIFF / ASEAN INDUSTRIAL COOPERATION SCHEME CERTIFICATE OF ORIGIN (Combined Declaration and Certificate) FORM D</p> <p>Issued in Thailand [TH] </p> <p>(Country)</p> <p>See Notes Overleaf</p>			
<p>2. Goods consigned to (Consignees name, address, country)</p> <p>Power Sirich Groupm, INC. 1211 RM, 411 Dagupan Street, TONDO Metro Manila Philippines</p>			<p>4. For Official Use</p> <p><input checked="" type="checkbox"/> Preferential Treatment Given Under ASEAN Common Effective Preferential Tariff Scheme</p> <p><input type="checkbox"/> Preferential Treatment Given Under ASEAN Industrial Cooperation Scheme</p> <p><input type="checkbox"/> Preferential Treatment Not Given (Please state reasons/s)</p> <p></p> <p>Signature of Authorized Signatory of the Importing Country</p>			
<p>3. Means of transport and route(as far as known)</p> <p>Departure date 29052006</p> <p>Vessels Name/Aircraft ect. HYUNDAI CONCORD</p> <p>Port of Discharge North Manila</p>	<p>5. Item number</p>	<p>6. Marks and numbers on packages</p>	<p>7. Number and type of packages, description of goods (including quantity where appropriate and HS number of the importing country)</p>	<p>8. Origin criterion (see Notes overleaf)</p>	<p>9. Gross weight or other quantity and value (FOB)</p>	<p>10. Number and date of invoices</p>

## DDocs

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2. Goods consigned to (Consignees name, address, country)		<p>Brunei Darussalam [BN] Cambodia [KH] Indonesia [ID] Lao People's Democratic Malaysia [MY] Myanmar [MM] Philippines [PH] Singapore [SG] Thailand [TH]</p>			
Power Sirich Groupm, INC. 1211 RM, 411 Dagupan Street, TONDO Metro Manila Philippines					
3. Means of transport and route(as far as known)		4. For Official Use			
Departure date 29052006		<input checked="" type="checkbox"/> Preferential Treatment Common Effect			
Vessels Name/Aircraft ect. HYUNDAI CONCORD		<input type="checkbox"/> Preferential Treatment Industrial Coope			
Port of Discharge North Manila		<input type="checkbox"/> Preferential Treatment Not Given (Please state reasons/s)			
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    <CityName languageID="">Nontaburi 11150</CityName>
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</ConsignorParty>
- <ConsigneeParty>
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  - <SpecifiedAddress>
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    <CityName languageID="">Metro Manila</CityName>
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</MainCarriageTransportMovement>
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# Paper or electronic document?

EDIFACT/XML

Spreadsheet & proprietary formats

Internet forms

PDF

Fax

Scanned Document

Photocopy

Printed copy of original

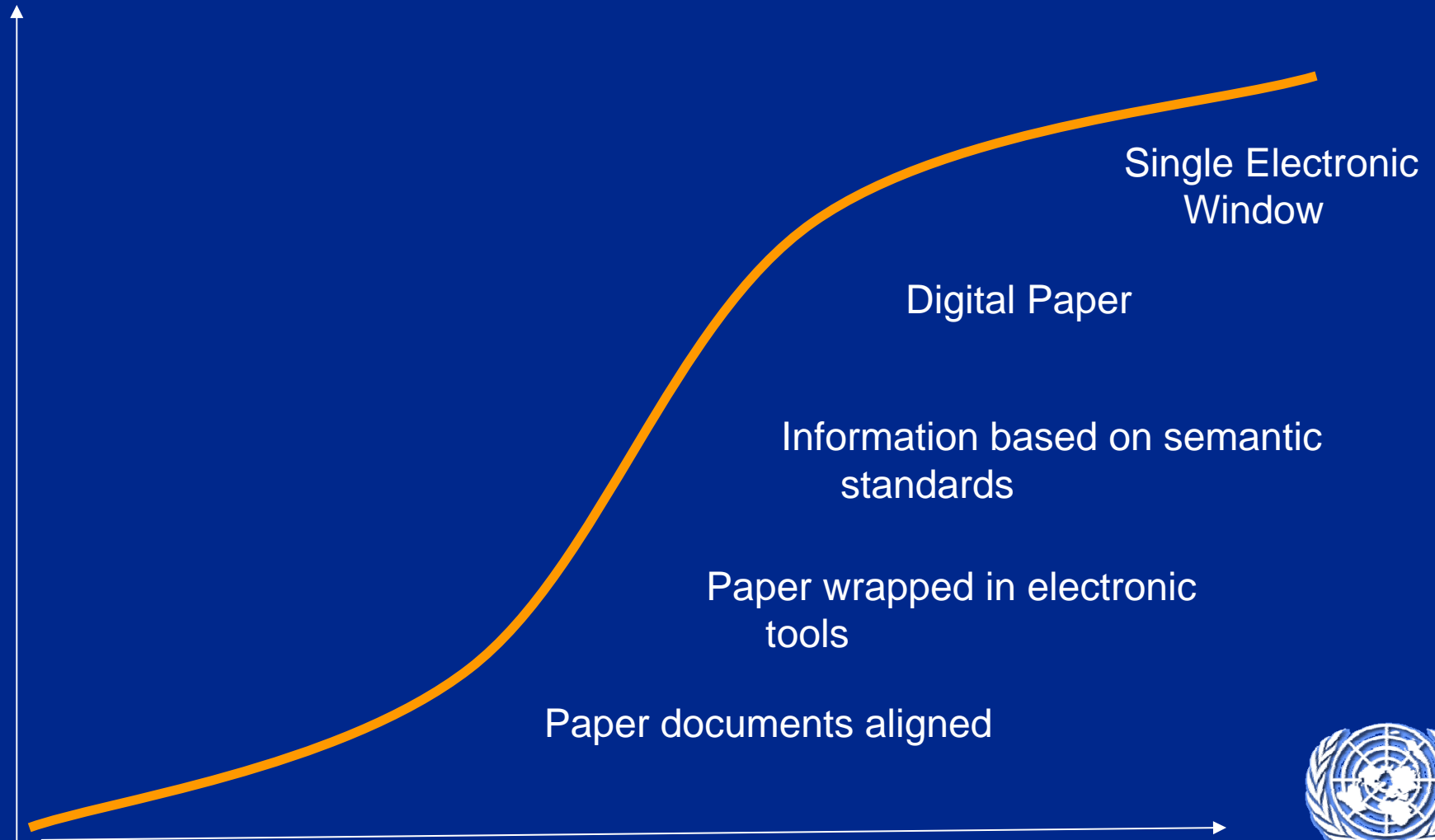
Paper original



# Classifying trade documents

## Different levels of standardization & automation

**Automation**

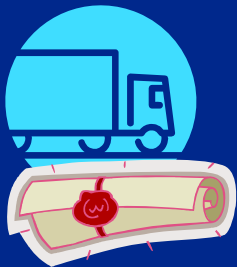


**Standardization**



# DDocs Scenario I: Aligned Paper Documents; Documents travel with Goods..

Paper documents were aligned to int' standards  
Paper documents shipped with the goods (truck)



**Improvement:** Better documents, less documents  
less risk, efficient procedures,



## DDocs Scenario II: Advance notice with paper original

Trader generates a PDF document which is emailed to Customs

A printout of the PDF document travels as original with the truck



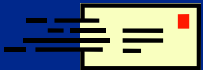
**Improvement:** advance information, faster Customs processing.

Business process stays the same (paper based)

## DDocs Scenario III

### Electronic PDF Document with signature

Trader generates a PDF documents with digital signature



**Improvement:** PDF document has replaced paper;  
Documentary checks before truck arrives; reduced  
risk for authorities and trader

## DDocs Scenario IV

### Paperless trade

Trader generates a PDF document with XML component

Customs processes XML information



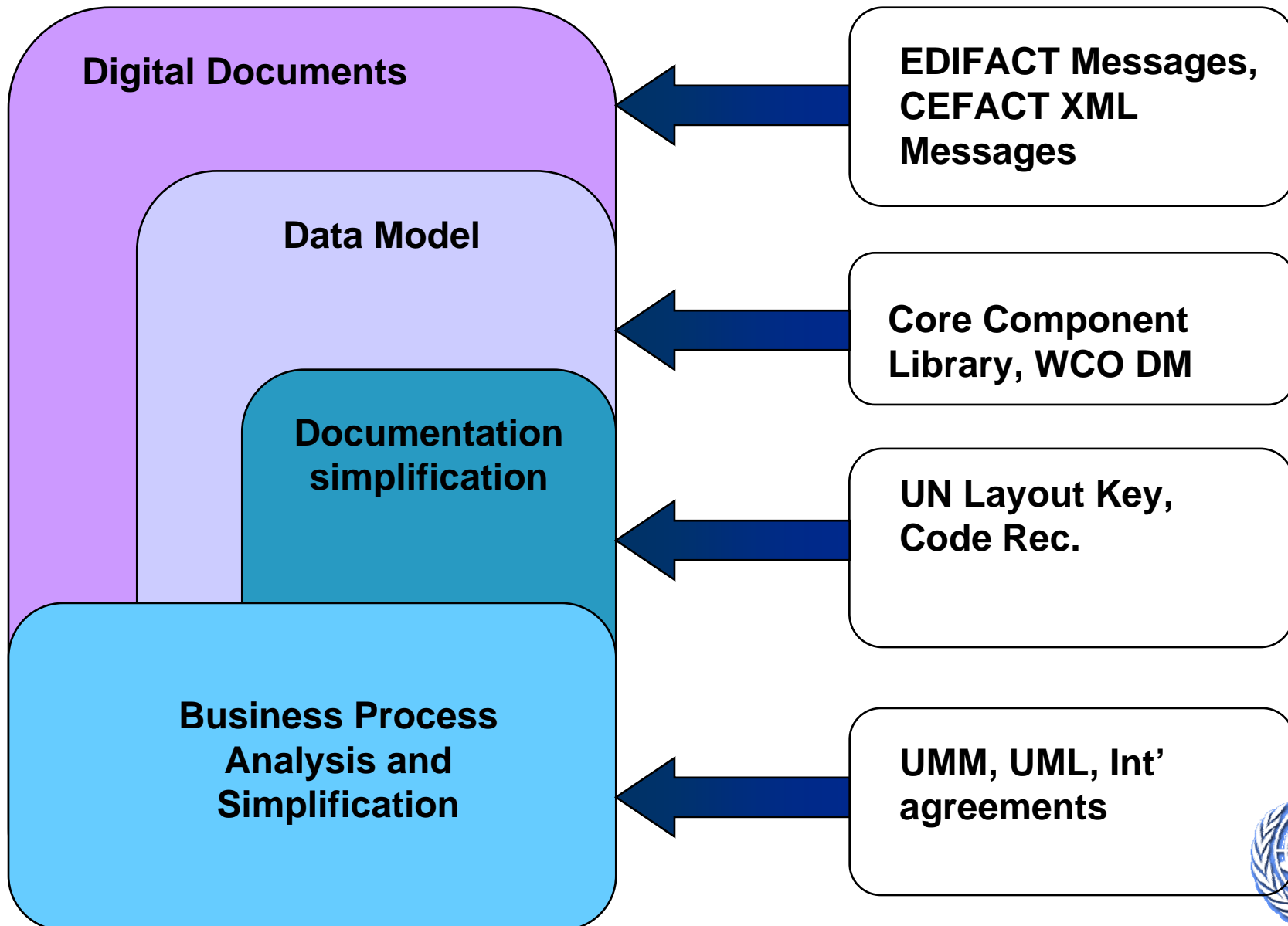
**Improvement:** Paper replaced by PDF/XML;  
fully automated B2G eBusiness process



UNECE

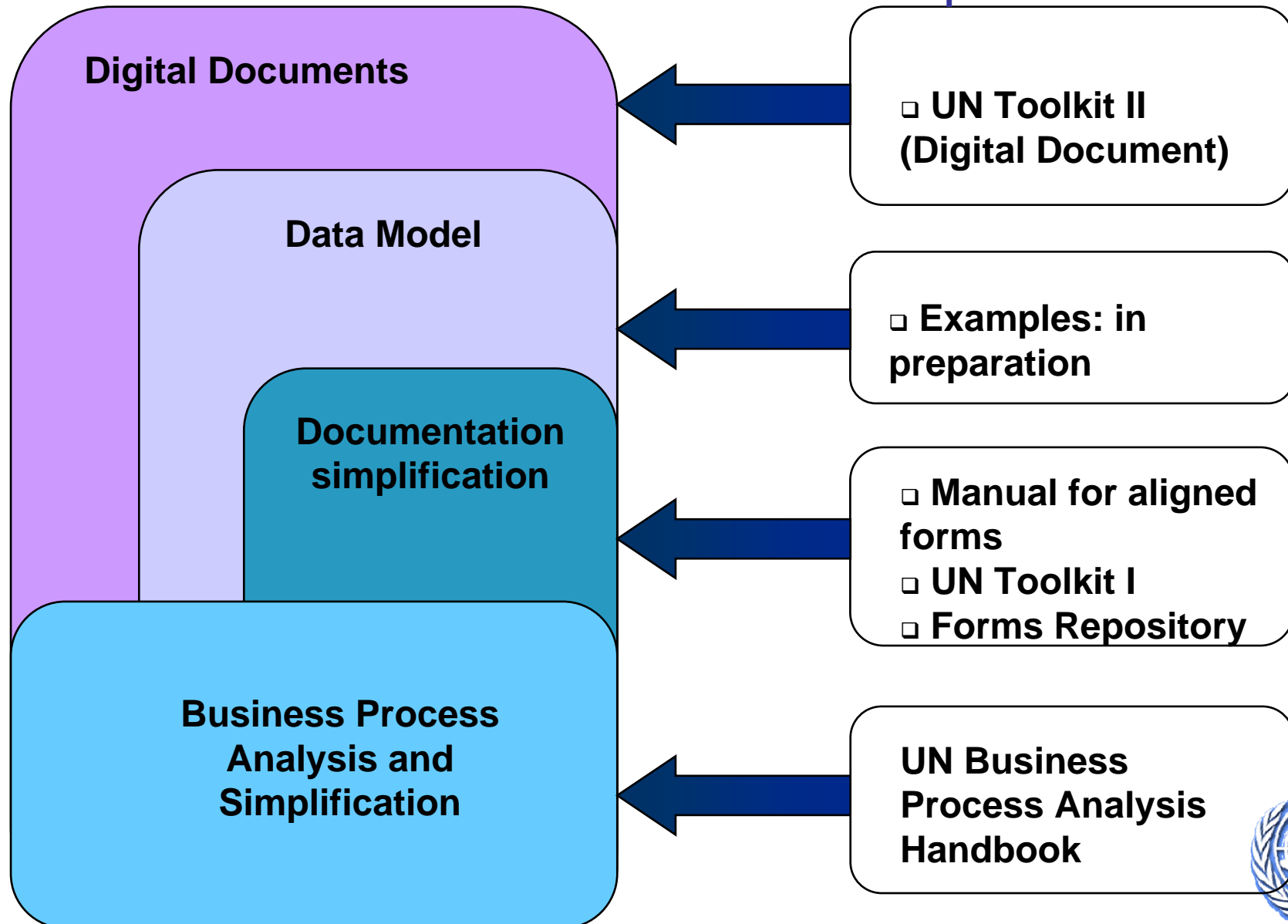
## Digital Documents for Single Window: Steps

## Internat' Standards



## Digital Documents for Single Window: Steps

## Tools provided by the United Nations Network of Experts – UN NEXt



## Summary

- ❑ Standards and concepts for the migration from paper to electronic documents are now becoming available
- ❑ Simplification of processes and documents is the first step towards automation
- ❑ Trade Facilitation Solution = use of a standard + adaptation to the specific user requirements
- ❑ UNECE and UNESCAP can provide tools to support the implementation of paperless trade





Thank You

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