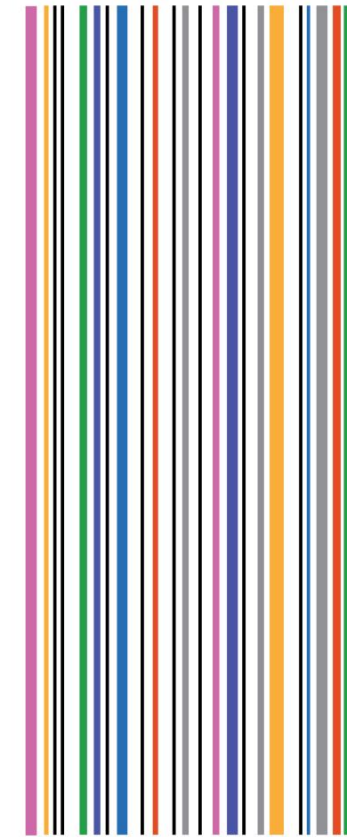
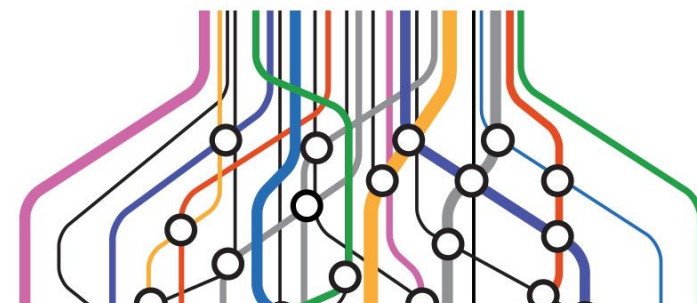


15 Years & Beyond: Building the Information Society of the Future

Markus Pikart
UNECE Trade Division
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UNECE
August 2020



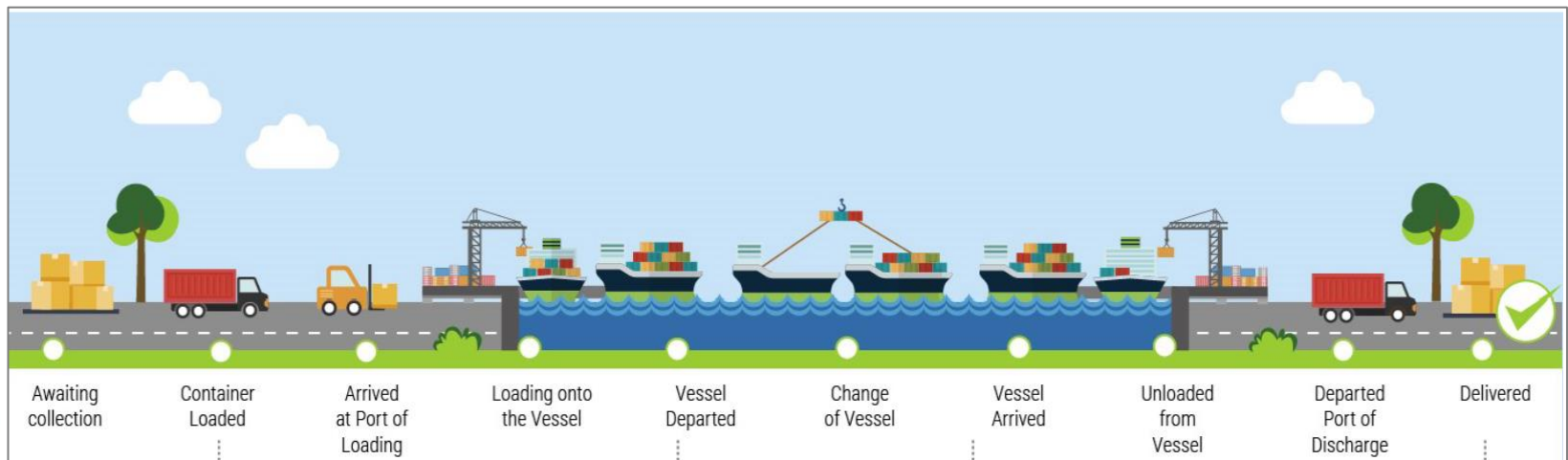
UN / CEFAC



UNECE Centre for Trade Facilitation and electronic Business (UN/CEFACT)

Simplification and automation of international trade procedures

- eBusiness standards
 - Code used in international trade
 - UN/EDIFACT & Core Component Library (ISO 15000)
 - Semantics & data models
- Policy recommendations on best practices





Cooperation / Collaboration



MoU on electronic business between IEC, ISO, ITU and UN/ECE

[YOU ARE HERE](#) [HOME](#) > [ITU-T](#) > [E-BUSINESS](#) > [MOU ON ELECTRONIC BUSINESS BETWEEN IEC, ISO, ITU, AND UN/ECE](#)

Advancing public-private partnerships for e-business standards

Project M.3 of Global Information Infrastructures

Memorandum of Understanding

Business Object Summit

The International Telecommunication Union signed on 24 March 2000 a Memorandum of Understanding on electronic business, joining three leading international standards-setting organizations already party to the MoU, namely the International Electrotechnical Commission (IEC), the International Organization for Standardization (ISO), the United Nations Economic Commission for Europe (UN/ECE). In addition to the four signatories, the MoU is open to other international, regional, governmental, industry and consumer organizations whose core mission involves standards-setting, as registered international user groups. CALS¹ International and NATO CALS were the initial user group participants. [More...]

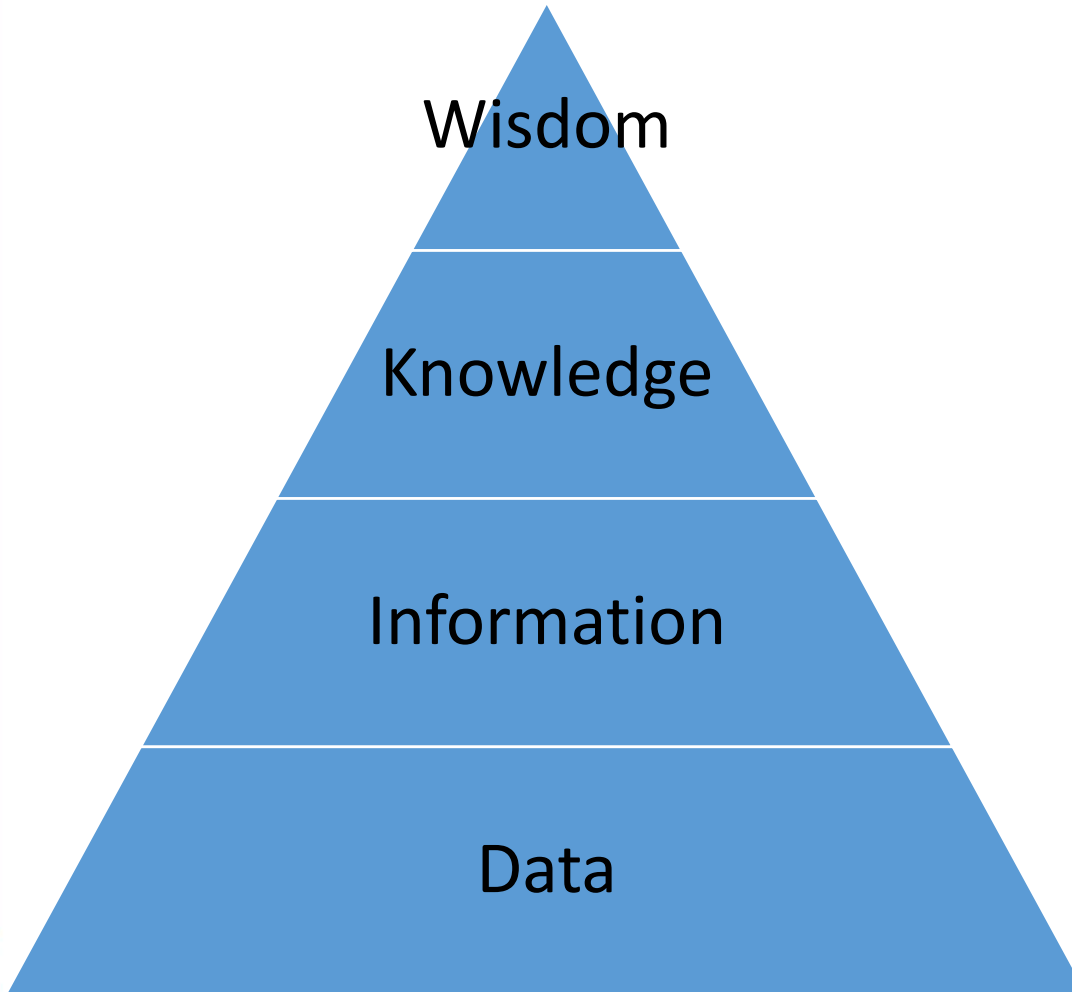


WORLD TRADE ORGANIZATION



UN / CEFACT

From Data to Wisdom



UN / CEFACT

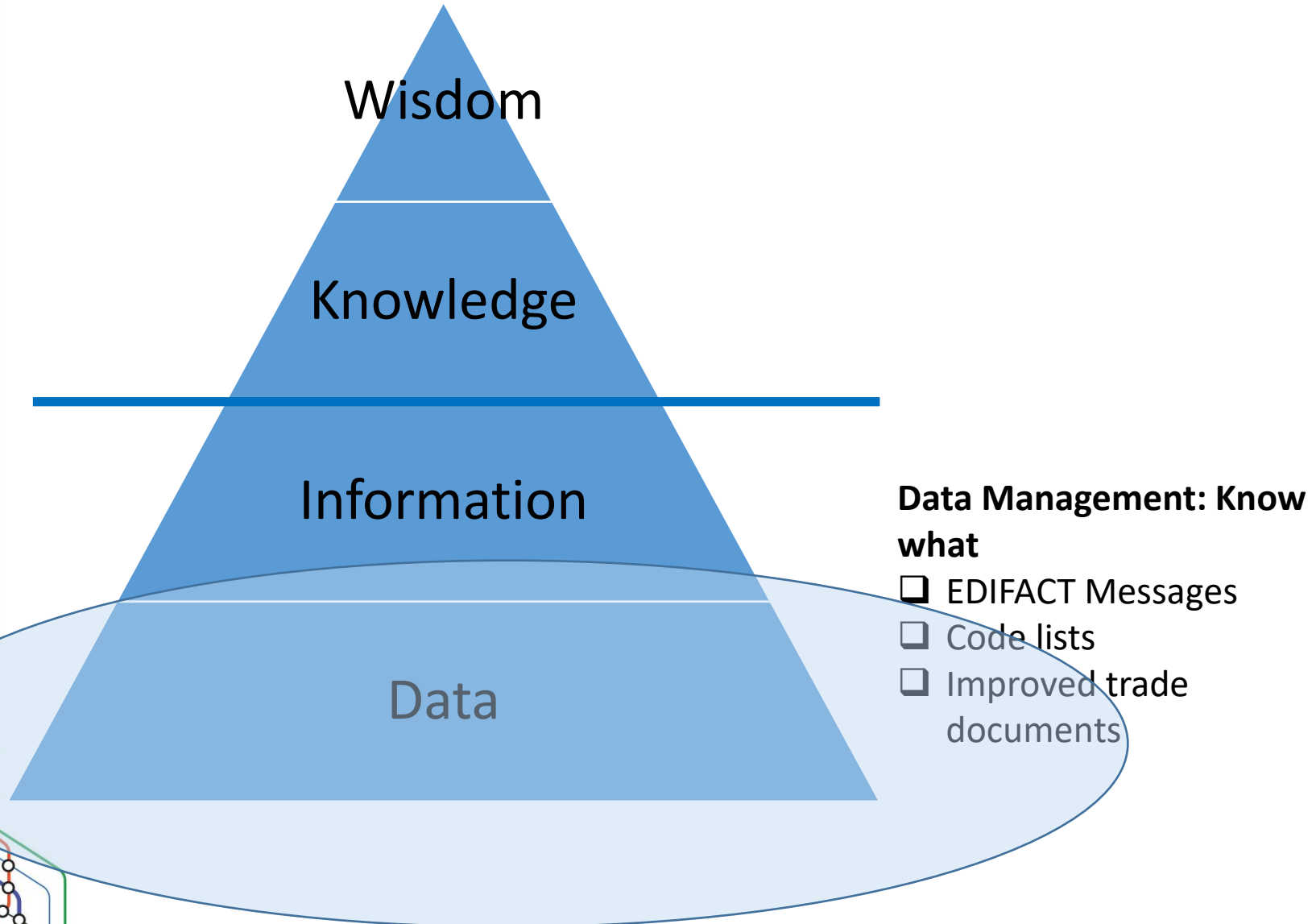
Insight and smart decision making: *Storage facilities in the next port are not sufficient*

Information is linked to logic events in the supply chain: *Goods arrived in port and are ready to be cleared.*

Interpretation of data: *Who, What, When, Where, How many?*

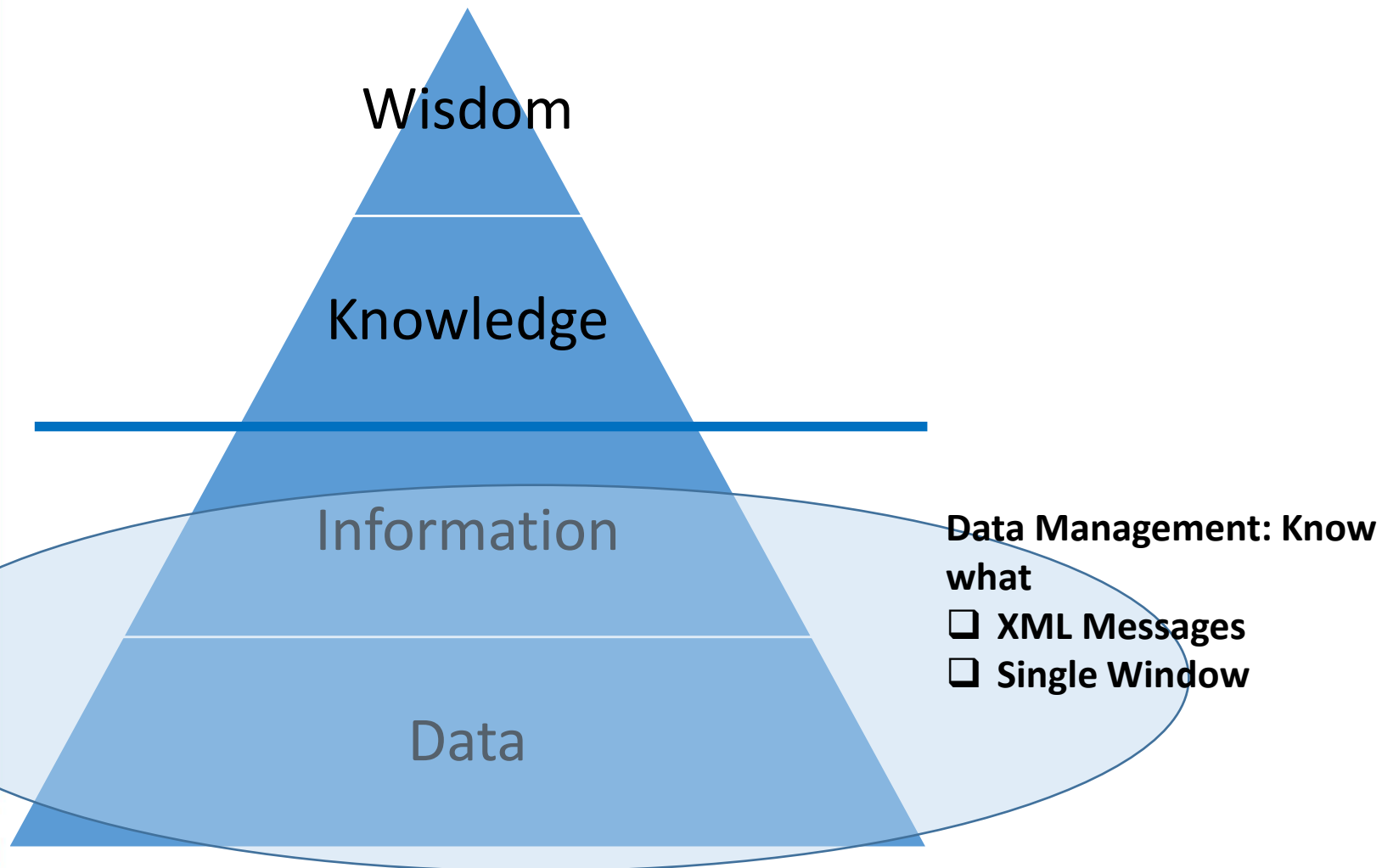
Facts are recorded in structured data: *DeliveryDate*

Moving up the pyramid: WSIS Geneva 2003



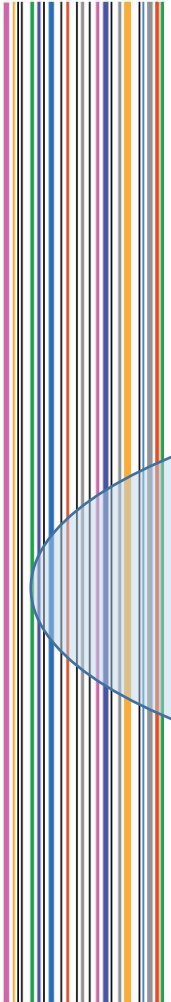
UN/CEFACT

Moving up the pyramid: WSIS Tunis 2005

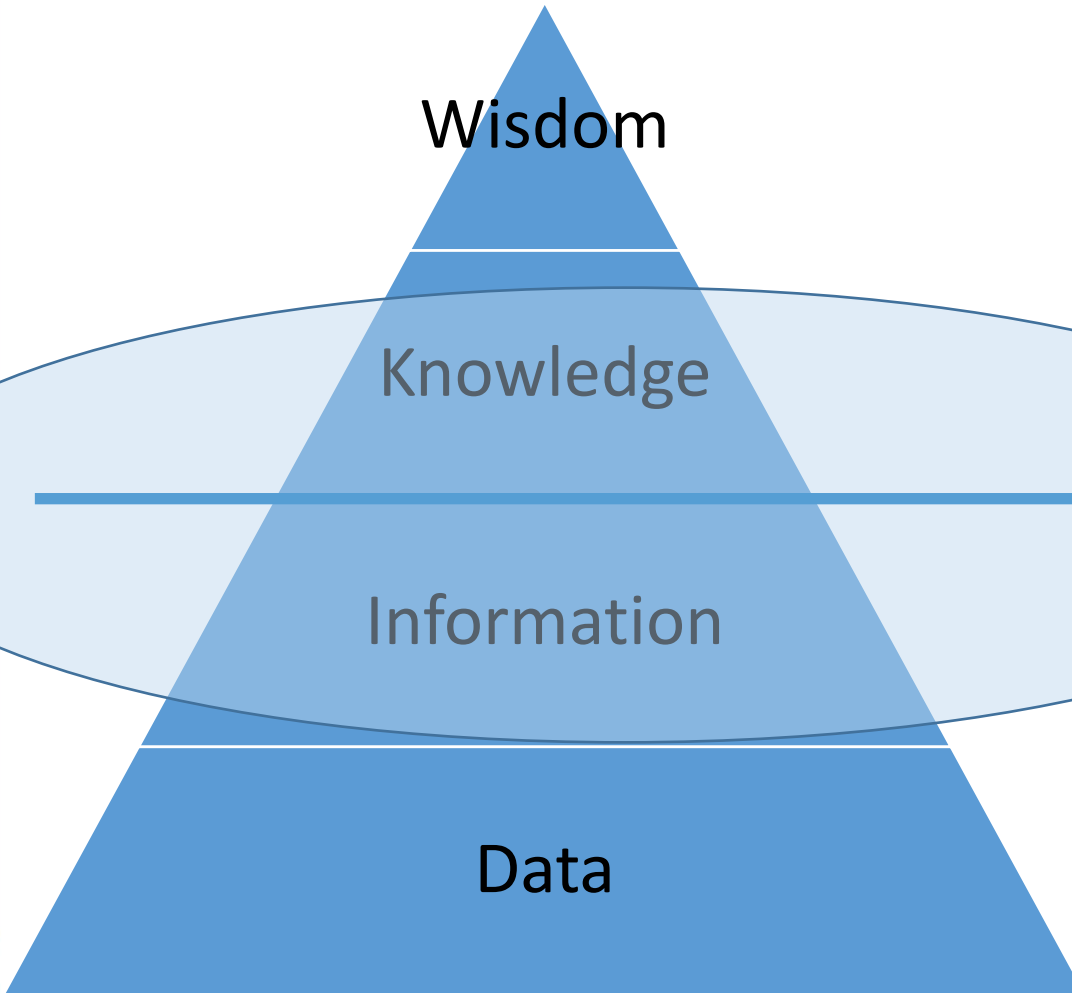


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Moving up the pyramid: WSIS+10



UN / CEFACT



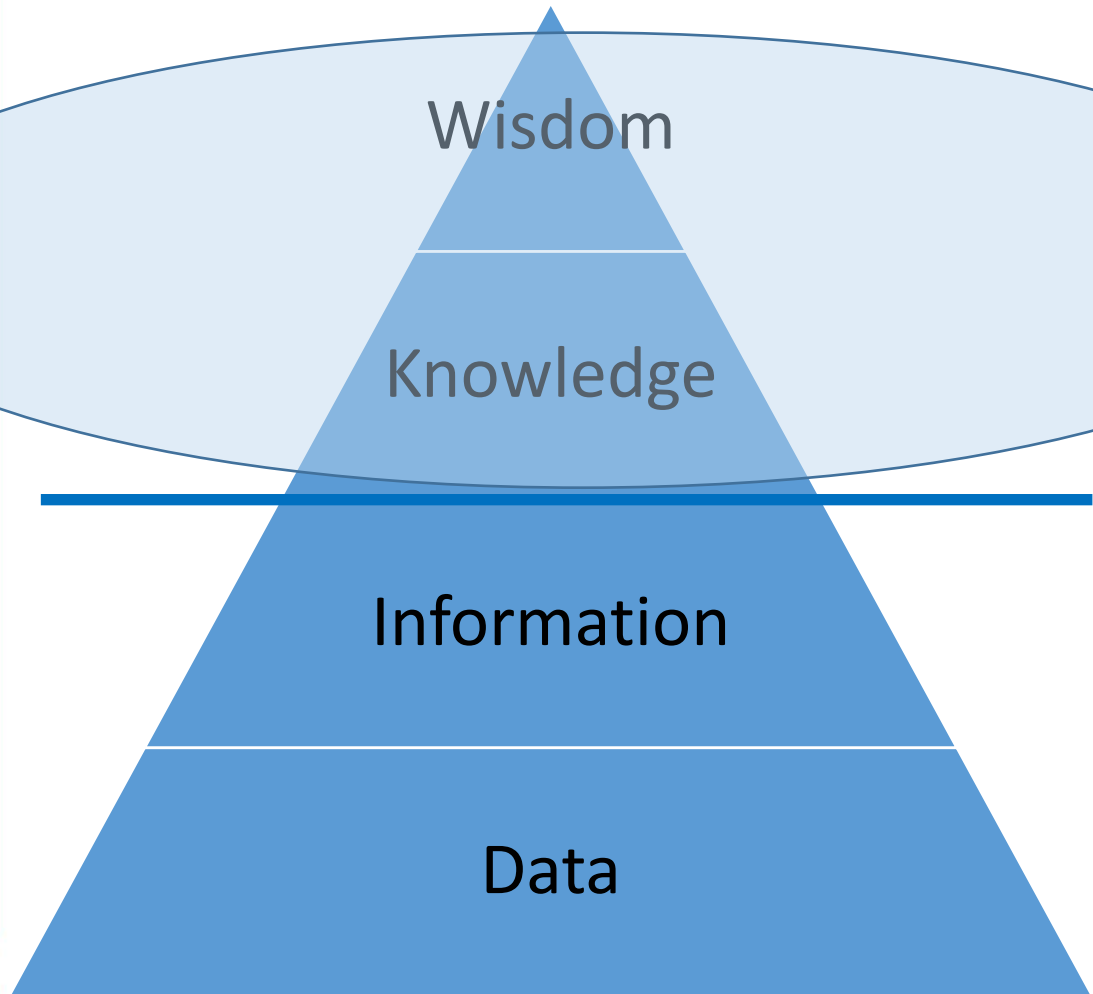
Knowledge Management: Why and how

- Data Models
- Shift from syntax to semantics
- Collaborative Platforms

Data Management: Know what

- XML Messages
- Single Window
- EDIFACT Messages
- Code lists

Trade Information Management in 2020: Where are we now?



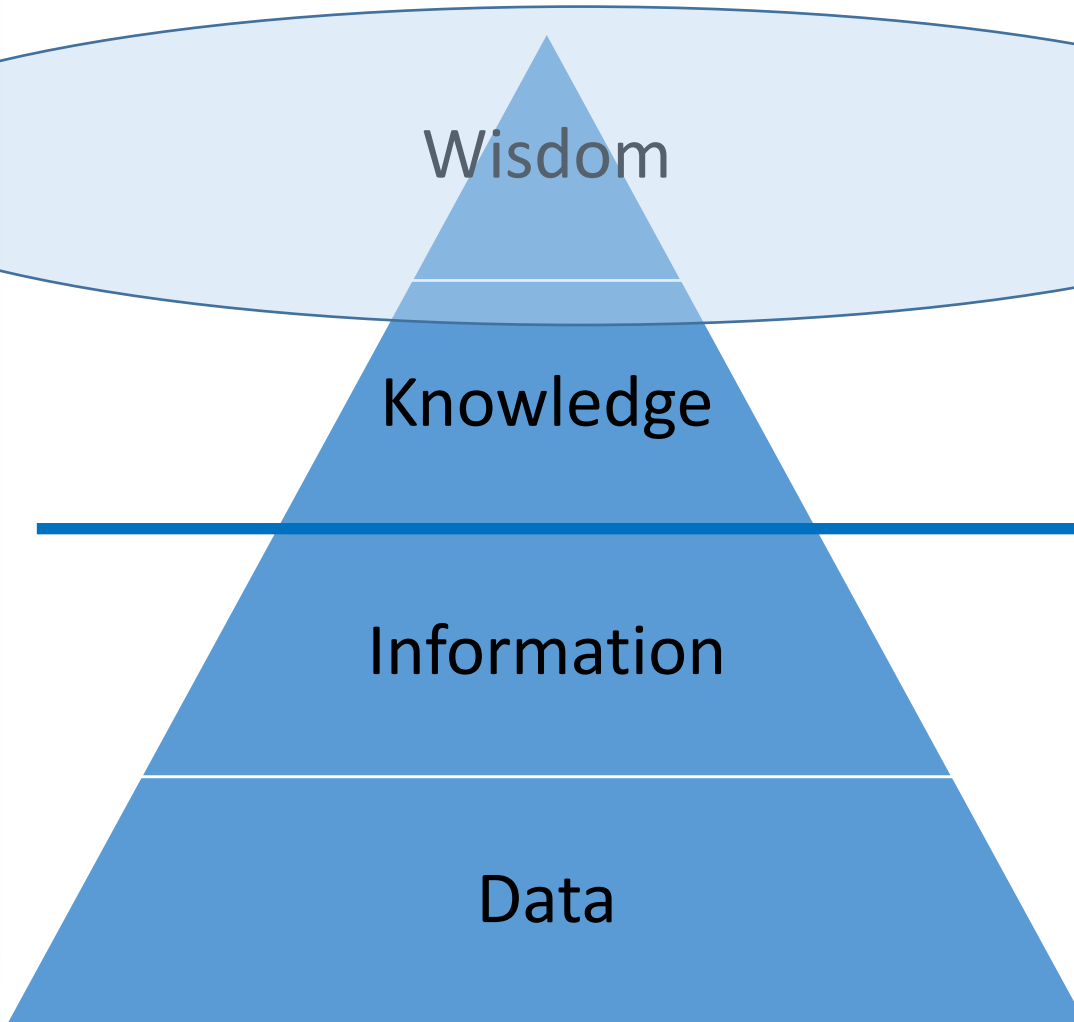
Knowledge Management: Why and how

- Shared management of information and supply chain processes
- Authentication and access to data

Data Management: Know what

- XML Messages
- Single Window
- EDIFACT Messages
- Code lists

Information economy Covid-19 and beyond



Knowledge Management: Why and how

- Building global collaborative networks
- Resilient, adaptive supply chains
- Circular economy

Data Management: Know what

- XML Messages
- Single Window
- EDIFACT Messages
- Code lists

UN / CEFACT

UNECE current R&D projects

- Real Time Smart Container (IoT)
- Traceability for sustainable textile industry (BC)
- Digital Transport Corridors (BC, IoT)
- Zero Food Loss (Collaborative Platforms)
- Control of international trade in wildlife (Cloud, Risk Management)
- Fisheries information exchange to fight IUU fishing (Geolocation, Big Data)

Thank you

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UNECE

August 2020

