

UN/CEFACT Agri-food e-standards in the international supply chain

UNECE WP.7

Sustainable International e-trade for me(a)t

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Geneva

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Objectives

- Simple, transparent and effective processes for global business
- Efficient and automated exchange of information

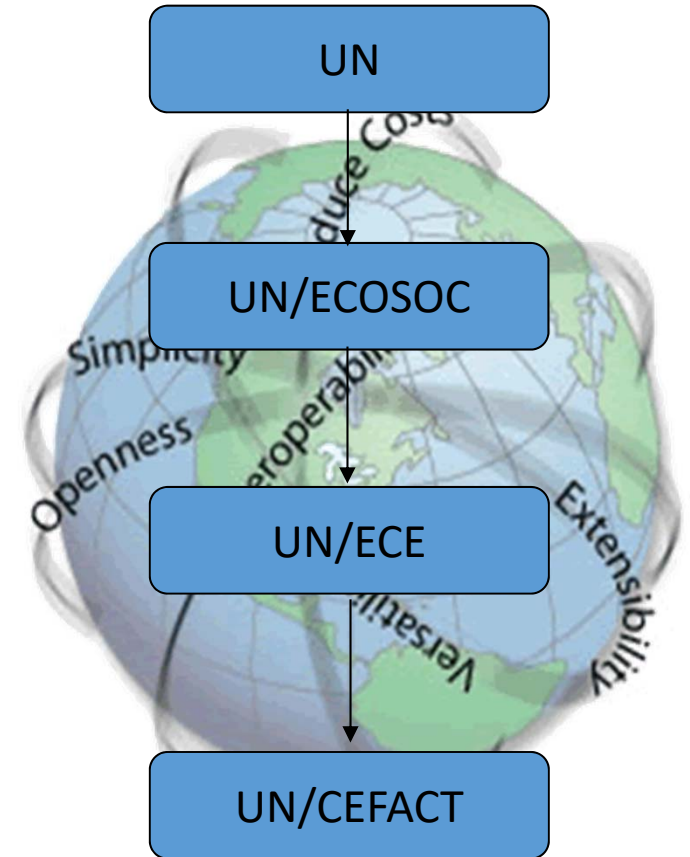
Outputs

- Global Trade Facilitation and Electronic Business Recommendations and Standards

Means

- Public Private Sector Partnership – over 400 experts from government and business
- Meet virtually every week plus two Forums per year

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Global Remit

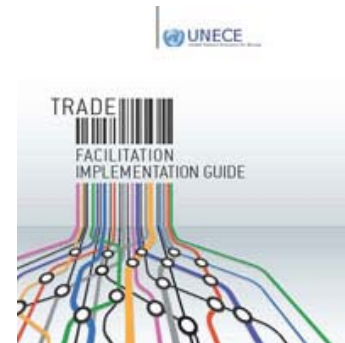
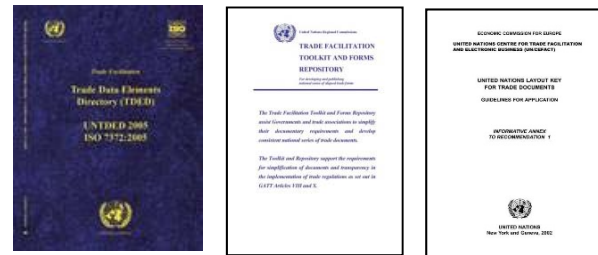
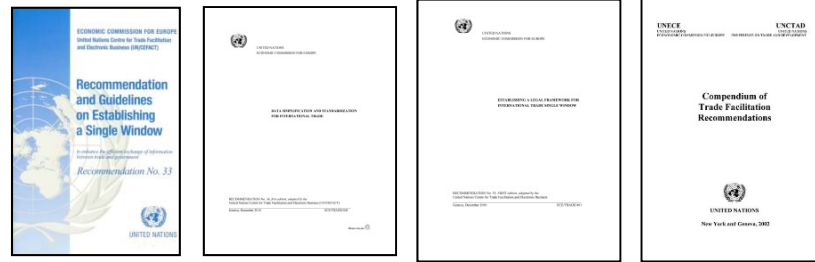


UN/CEFACT – Deliverables

40 TF Policy Recommendations

440 eBusiness Standards

Guidelines, Briefs, Case Studies



Capacity Building & Technical assistance

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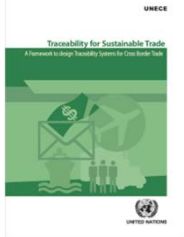
UN/CEFACT Agriculture / Fisheries / Agri-food Domain

Processes, practices and procedures and electronic information exchange involved in international trade transactions in **agriculture commodities, production processes** (animals and plants, including **fishery, forestry and hunting**), food production, and food safety.

SCOPE

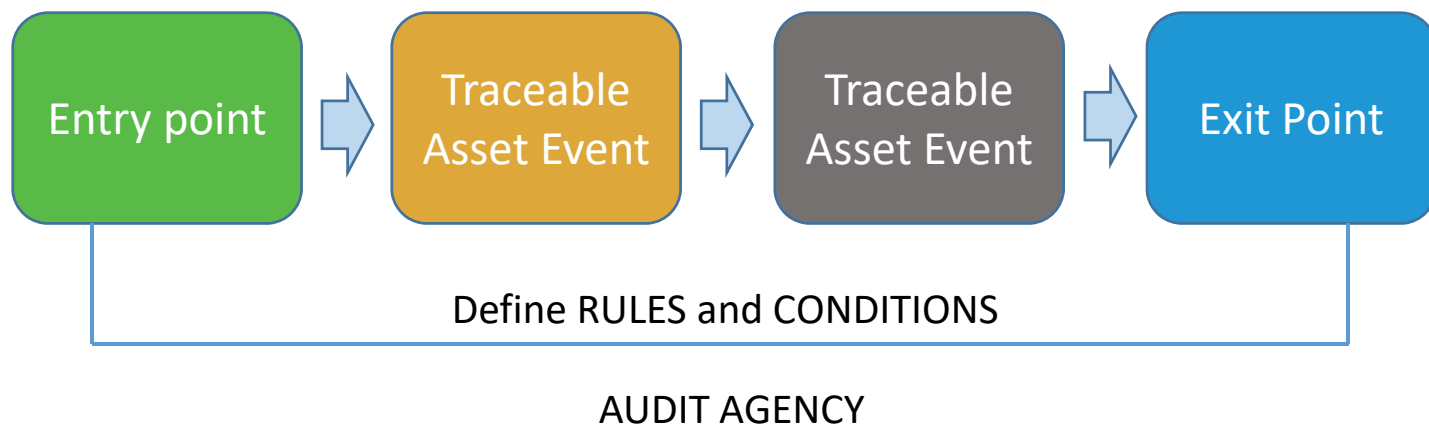
- Sanitary issues related to agriculture products and production
- Exchange information about marine fishing (monitoring, logging, reporting)
- Track and trace of animals, animal products, plants and plant products
- Animal feed and human food safety issues
- Exchange information to support agricultural processes (advice, monitoring, product information, certification)





UN/CEFACT Agriculture / Fisheries / Agri-food Domain

The Framework - Traceability for Cross-Border Trade



Example: Shark Traceability in Costa Rica

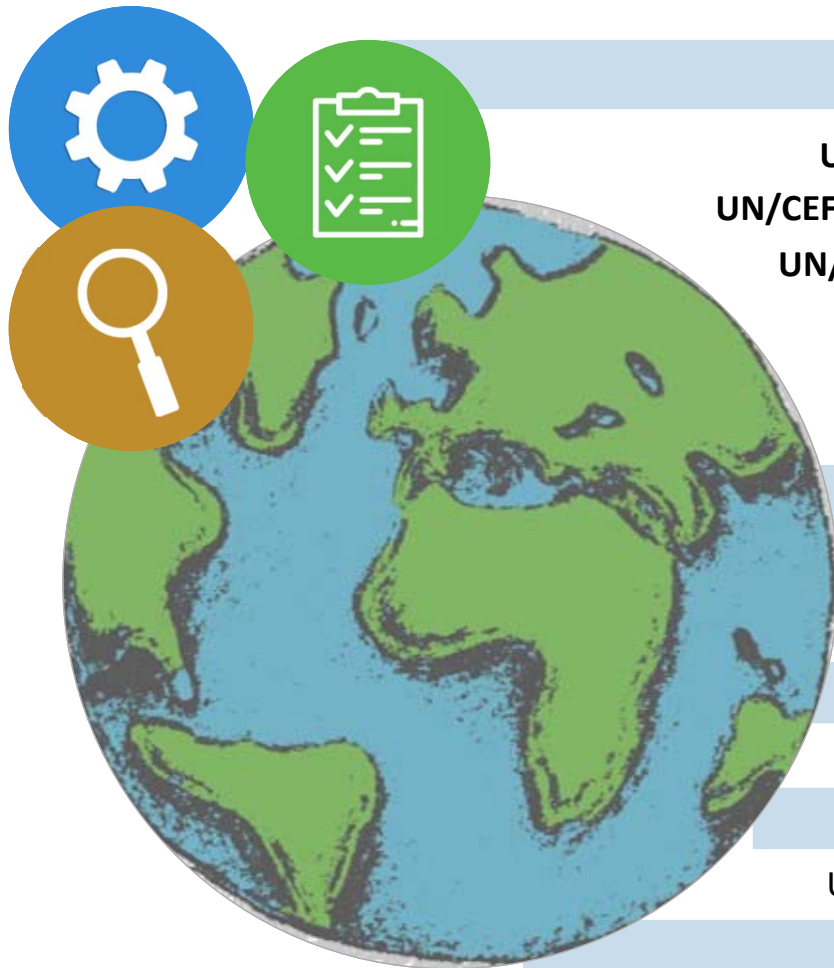




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UN/CEFACT Agri / Agri-food standards



STANDARD MESSAGES

UN/CEFACT e-CERT (Phyto and veterinarian sanitary certificate)

UN/CEFACT FLUX (Info exchange for sustainable fisheries management)

UN/CEFACTe-Daplos, e-CROP (agri-product information message)

UN/CEFACT RASFF (rapid alerts for food and feed)

UN/CEFACT e-LAB (laboratory observations report)

UN/CEFACT e-Animal passport (and Animal identification)

INTEGRATION OF DOMAINS

CITES e-permits

CODING

BUSINESS REQUIREMENT SPECIFICATIONS

Animal and Product Traceability Data Exchange

FRAMEWORKS

UNECE Traceability System Design for Cross-Border Trade

IMPLEMENTATION GUIDELINES

Implementing UN/CEFACT e-Business standards in agricultural trade



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UN/CEFACT future work on Agri / Agri-food standards

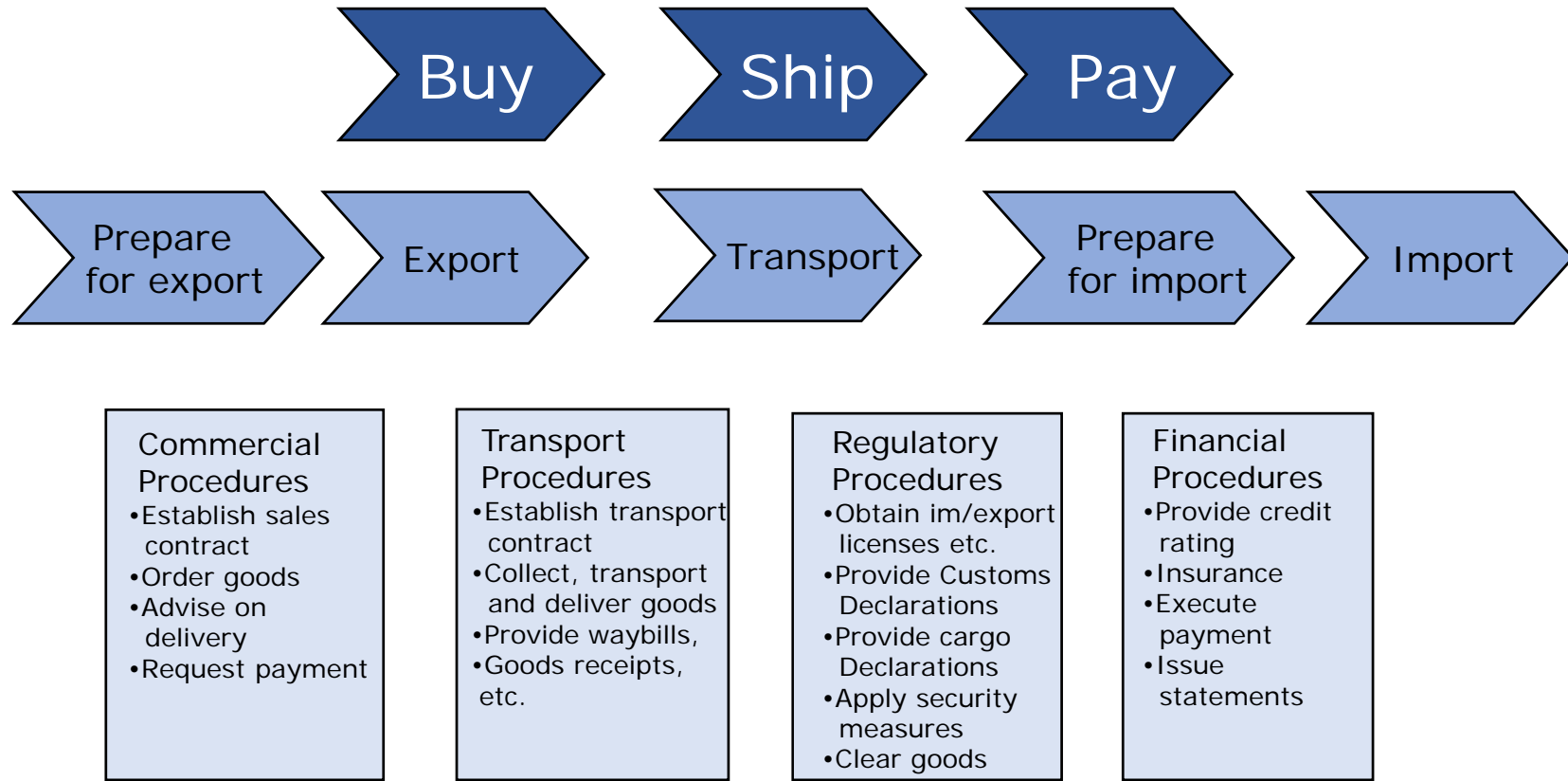
- **eQuality**
 - standard to attest to the commercial quality and origin of fresh fruit and vegetables;



STAMP OF APPROVAL



In International trade, Agriculture formalities are one link in a global supply chain





UN/CEFACT standards relevant to Agriculture data exchanges

- **UN/EDIFACT**
- Cross-Industry Invoice (**UN/CEFACT-CII**)
- Core Component Library (**UN/CEFACT-CCL**)
- Reference Data Models

- Data Pipeline
- Internet of Things
- Blockchain

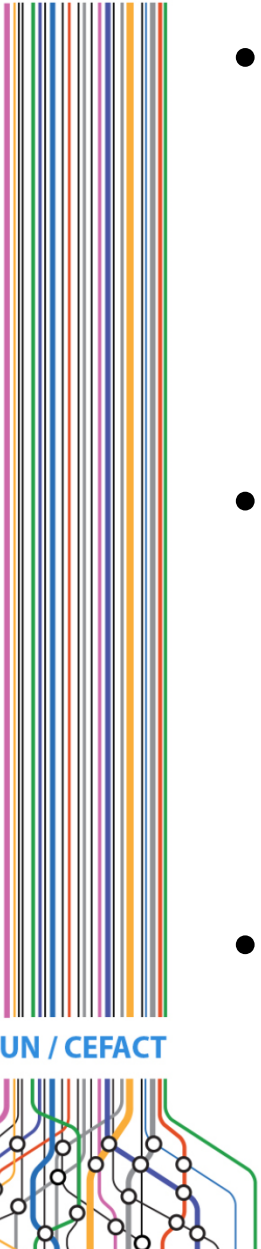
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Blockchain and Agriculture

- Transparency
 - Privacy
 - Competition
 - Sensitive data
 - Open data / shared data
- Traceability
 - Tracking boxes (transport , logistics)
 - Recording events
 - Retreiving information
 - Product and proces specifications / documentation
- Compliance
 - Industry / retail demands
 - Regulations
 - Certification





Blockchain and Agriculture

- Track and Trace
- Certification process
- Certification usage

Compliance

- Sensors and IoT
- Transport

Event recording

- Process
- Transactions
- Workflow

Improvements



UN/CEFACT next meetings

- Hangzhou Forum
 - 14-19 October 2018, Hangzhou, CN
- 2nd UN/LOCODE Advisory Group Meeting
 - tbc (China in October, parallel to the Forum)
- 2nd Sustainable Fisheries Team of Specialists
 - tbc (tentatively November, Geneva CH)
- 33rd UN/CEFACT Forum
 - tbc (1-5 April 2019, Geneva CH)
- 25th UN/CEFACT Plenary
 - tbc (8-9 April 2019, Geneva CH)

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Where to find more...

<https://tfig.unece.org>



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<http://www.unece.org/cefact>



UN/CEFACT – Join us

- Participation is open to all experts from both the public and private sector
- Participation is free of charge (but experts must fund their own participation)
- <https://uncefact.unece.org/display/uncefactpublic/UNCEFACT+Expert+Registration>

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Thank you!

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