Traceability Framework

Traceability Framework

other

Submitted date	Last Update Date	Version	Project Proposal Status	Project Page
2016-05-25	2016-07-13	3	Official	Traceability Framework

Project Purpose
The project's purpose is to provide project managers with a recommended framework to develop the high level design for traceability systems for regulated goods in international trade.
The framework shall help stakeholders to develop the description of the planned traceability system including the definition of the traceable asset, the policy claim system will support, the starting and end point of the traced supply chain, and the rules and the audit mechanisms for the governance of the system.

Project Scope
Traceability provides new means for Governments and trade to use modern information technology and collaborative tools to improve trade and to produce and deliver goods in a more efficient, secure and sustainable manner.
The UN/CEFACT agriculture expert group has already developed an international technical standard for electronic exchange of traceability information. This standard is currently available to trace important business processes of the animal and fish supply chain. Further information on UN /CEFACT traceability is provided at in a briefing note to the Plenary .
The UN/CEFACT traceability standard covers the technical aspects of exchanging eBusiness message for traceability purposes.
Governments and trade are now increasingly looking on traceability standards to assert that the production, transport and distribution of goods and services is in conformity with high level policy objectives and values of the civil society. These policy objectives are directly and indirectly related to the UN Sustainable Development Goals.
When designing cross border traceability projects were Government agencies are involved the decision makers are facing a number of challenges:

• For example traceability projects typically have many different stakeholders whose diverse interests need to be reconciled. Solutions need to be found to integrate the needs of smallholders, SME and developing countries in a traceability solution.
• Cross border information exchange on traceability events may require agreements between Government agencies and audit of conformity of business processes.
• In addition traceability system that involves Government agencies will also require appropriate Governance and management structures.

The purpose of the traceability framework is to provide a structured approach to describe a traceability system from a functional (stakeholder) point of view which – in a later step - can be implemented in a technical traceability solution. The framework will be used in the early phase of a project lifecycle. It will help stakeholders to describe and discuss the major functional components of a traceability solution and to reach consensus on the high level description of the project.
The main focus of the recommendation will be complex use cases, i.e. use cases were goods are traded across borders and many stakeholders including government agencies participate in a traceability system as these situations will most benefit from a structured planning instrument.
The traceability framework is technology and industry neutral. The Framework can be applied for any traceable asset and any part of the supply chain. It may also be applied on the entire supply chain ("farm to fork") or on segments of the supply chain.
The framework will build on exiting standards and recommendation of UN/CEFACT. In particular with will complement the existing project deliverable on Traceability with a recommendation that helps decision makers to implement the solution.
The project team will work with the UN/CEFACT transport expert group for application of the traceability framework in this sector for example on the potential relevance of the framework for the Basel convention on controlling transboundary movements of hazardous wastes and their disposal.

Project Deliverables
The project deliverables are as follows:
- Trade Facilitation recommendation on an Framework to design traceability systems for Cross Border Trade
- Guideline that explains the framework for use of decision makers.

Exit Criteria
- Recommendation text ready for publishing
- Guideline text ready for publishing
- Internal and external review logs showing that all serious comments have been considered

Project Team Membership and Required Functional Expertise
Membership is open to experts with broad knowledge in one or more areas of preparing, planning, implementing and managing traceability systems in different areas of international trade, in particular but not limited to international transport, logistics and supply chain management, Phytosanitary control, agriculture trade and risk management.
In addition, Heads of Delegations may invite technical experts from their constituency to participate in the work. Experts are expected to contribute to the work based solely on their expertise and to comply with the UN/CEFACT Code of Conduct and Ethics and the policy on Intellectual Property Rights.

Head of Delegation Support
1. Germany
2. Netherlands
3. Nigeria

Geographical Focus
The geographical focus of the project is global.

Initial Contributions
Background paper on traceability for cross border trade developed by the UN/CEFACT Agriculture Expert Group (attached)

Resource Requirements
Participants in the project shall provide resources for their own participation. The existence and functioning of the project shall not require any additional resources from the UNECE secretariat. The project will be prepared in between Forums, in face-to-face meetings, if feasible, and using conference call facilities (provided by the UNECE secretariat).

Project Leadership
Project Leader: Frans van Diepen
Lead Editor: Markus Pikart
Editor: Richard Morton
Editor: Heiner Lehr

Milestones

DELIVERABLE NAME	Project Inception	Expected Completion Date	Requirements Gathering	Expected Completion Date	Draft Development	Expected Completion Date	Public Review	Expected Completion Date	Project Exit	Expected Completion Date	Publication	Expected Completion Date	Maintenance	Expected Completion Date
Recommendation and Guidelines	YES	2016-06-30	YES	2016-06-30	YES	2017-01-31	YES	2017-03-31	YES	2017-03-31	YES		NO	

Project Proposal Files

File	Modified
PDF File 160718-3b Traceability Framework v3.pdf	Nov 11, 2016 by Gianguglielmo