

Cross border multimodal digital corridors for regulatory related movement of consignment data and consignment status information for trade facilitation

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otherProject Details

Domain	Cross-Border Management Domain
Project Identifier	P1105
Bureau Decision #	#2109026, #2206085, #2212017, #2309067, #2312002, #2402014
Project Proposal Status	Official
Project Page	Cross-border multimodal digital corridors for regulatory related movement of consignment data and consignment status information for trade facilitation
Supporting VC	Hanane Becha
Project Lead	Charles Edwards
HoD Support	N/A
Status	In development
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Project Purpose

A multimodal corridor in international trade comprises three base elements relating to cargo moving from place A to B: (1) change of mode of transport; (2) crossing international borders; (3) change of international modal convention (e.g. CIM to SGMS). This project will concentrate on the related regulatory aspects.

Movement of cargo through International (air/ocean/land) borders is delayed due to lengthy and complex regulatory clearances. In reality, several research projects have shown large amount of data reusability between origin and destination e.g. customs declarations, carrier manifests etc. If re-usability of data is established and information on cargo status is exchanged between origin and destination then it removes non-tariff barriers to trade between countries and their respective land/sea ports and airports.

Several countries, land/sea ports and airports are exploring the possibility of establishing such data and logistics corridors but do not find any standard guidance material on the same.

The purpose of this project is to create regulatory-related guidance material on multimodal corridor set ups and further build on the existing data pipeline model to create Linkage and establish appropriate standards for exchange of information between ports and airports of two countries.

Project Scope

The projects will build on the existing data pipeline model and the future CBM-RDM model to create a white paper and guidance material for exchange of data through multimodal digital corridors.

The scope of the project focuses on the regulatory aspects, including:

- Study of the need of multimodal digital corridors for air/sea/land modes of transport with focus on regulatory authorities
- Study of reusability of information between origin and destination stakeholders
- Study of existing similar initiatives

- Study the potential of integrating with Single Window facilities
- Study of other factors that delay cargo processing at air/sea/land borders that could be addressed through multimodal corridors
- Consider the common data elements with respect to the CBM-RDM
- Identify the regulatory aspects of key steps in setting up the air/sea/land multimodal corridors
- Study the possible regulatory challenges in setting up of multimodal digital corridors
- Identify technologies that can facilitate the creation of regulatory-related multimodal digital corridors

Project Deliverables

Deliverable 1 - A white paper on digital multimodal corridors, their implementation methodologies, benefits and case studies of existing cross border digital multimodal corridors implementations

Exit Criteria

Exit Criteria for Deliv. 1: Draft white paper ready for publication

Project Team Membership and Required Functional Expertise

Membership is open to UN/CEFACT experts with broad knowledge in the area of: Digital IT systems, customs, and others that have prior experience in similar domain.

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

Geographical Focus

The geographical focus of the project is global.

Initial Contributions

Initial contributions include existing descriptions and technical specifications for the UN/CEFACT:

- Core Components Library (CCL);
- Data Pipeline project
- CBM RDM
- Supply Chain Cross-Industry Track and Trace project
- Transport Modal project

Resource Requirements

n.a

Project Proposal Files

File	Modified
PDF File eDATA-DigitalCorridorProposal.pdf	Sep 10, 2021 by Aruna VIVEKANANTHAM