

SDCE-RDM

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Project Details

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Bureau Decision #	#2101076, #2201059
Project Proposal Status	Official
Project Page	SDCE-RDM
Supporting VC	Benno Slot
Project Lead	Frans van Diepen
HoD Support	GR, IT, RU, SE, US, VN
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Project Purpose

Reference Data Models (RDMs) provide a comprehensive subset of the UN/CCL and its associated code lists with all the information pertinent to a sector of activity such as Buy-Ship-Pay (BSP RDM), Supply Chain Management (SCRDM), Cross-Border Management (CBMRDM) or Multi-Modal Transport (MMT RDM). Many government agencies already use data coming from these RDMs as well as other processes which are well documented in the UN/CCL.

This project aims to provide a Sustainable Development and Circular Economy Reference Data Model as a view on the top-level Buy/Ship/Pay Reference Data Model within the UN/CEFACT semantic library.

Project Scope

Improving sustainability including circularity has become one of the major objectives of most industries and sectors, in order to increase their ability to manage their supply chains more effectively and sustainably. As a view on the top-level UN/CEFACT Buy/Ship/Pay Reference Data Model, all stages of product life cycle will be considered from the point of view of sustainability and circular economy, including processes such as farming, cultivation, mining, hunting/fishing, forestry, manufacturing, transport/logistics and retail. All developments will be aligned to the UN/CCL and the project team will work with the relevant domains with respect to ABIE developments.

In preparatory work carried out in 2017 and 2018 by UNECE, it was recognized that UN/CEFACT's work and mandate could be instrumental in supporting the harmonization and better coordination of sustainability and circular economy related processes and help countries draw together their initiatives and approaches to enhance transparency for sustainable garment and footwear global value chains. In 2020 the proposed UN/CEFACT textile and leather business standard for traceability and transparency was developed as a potentially highly re-useable standard applicable for other industries and sectors. Therefore, a logical next step is the development of this proposed "Sustainable Development and Circular Economy Reference Data Model" for international & national trade in line with relevant SDGs of Agenda 2030 with the following objectives:

- The scope of the project is international, cross-border and cross-industry.
- The project will contribute to the UN Sustainable Development Agenda 2030, specifically on SDG12, which calls on responsible consumption and production patterns, as well as SDG8 on inclusive growth, and SDG 17 on rules based international trading system.
- Development of a high level BRS document (Business Requirements Specifications) in line with the high-level BRS of the Buy/Ship/Pay BRS.
- Development of the Reference Data Model, which will take the UN/CEFACT Textile and Leather Data Model as an important contribution.
- Development of the Reference Data Model will be based on the UN/CEFACT Buy-Ship-Pay model, harmonized with the other, related sub-RDMs, which will encourage interoperability between syntaxes for data exchange structures.

The business process-driven approach to be taken follows the principles enshrined in the UN Layout Key (Recommendation 1), the UNTDED, UN/EDIFACT and the UN/CEFACT CCL.

Project Deliverables

- Deliverable 1: A high-level RDM BRS (Business Requirement Specification)
- Deliverable 2: Core Component Business Master Document Assembly
- Deliverable 3: Entries/alignment to the Core Component Library
- Deliverable 4: A new RDM structure in the library

Exit Criteria

- Deliverable 1: Public Review logs demonstrating all comments have been satisfactorily resolved; Final document ready for publication
- Deliverable 2: Needed Entries to the Core Component Library ready for publication
- Deliverables 3 & 4: Final deliverable ready for publication

Geographical Focus

The geographical focus covers the globe.

Initial Contributions

- UN/CEFACT Core Components Library (CCL)
- UN/CEFACT Buy-Ship-Pay Model
- UN/CEFACT BRS Process & Data Model (Transparency & Traceability for Garment & Footwear)
- UN/CEFACT BRS TT Process and CCBDA Data Model
- UNECE Recommendations and Code Lists
- UNECE Framework to Design Traceability Systems for Cross-border Trade
- UNECE paper “Transparency in garment value chains in relation to the environmental, social, and human health impacts of parts, components and production processes”
- UN/CEFACT Conference reports on “Ethical and informed choices for sustainable clothing- Tracking and tracing garment supply chains” (30th and 31st UN/CEFACT Forum)
- UN/CEFACT Technical deliverables in the agriculture domain, such as for traceability of animals and products, e-crops, e-labs, e-cert, Fisheries Language for Universal eXchange (FLUX)

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.

Project Proposal Files

File	Modified
PDF File 210125-3x AGRI SDCE-RDM - SE HoD support.pdf	Jan 11, 2021 by Lance THOMPSON
PDF File 210125-3x AGRI SDCE-RDM - US HoD support.pdf	Jan 11, 2021 by Lance THOMPSON
PDF File 210125-3x AGRI SDCE-RDM - VN HoD support.pdf	Jan 11, 2021 by Lance THOMPSON
PDF File 210125-3x AGRI SDCE-RDM - GR HoD support.pdf	Jan 11, 2021 by Lance THOMPSON
PDF File 210125-3x AGRI SDCE-RDM - IT HoD support.pdf	Jan 11, 2021 by Lance THOMPSON
PDF File 210125-3x AGRI SDCE-RDM - RU HoD support.pdf	Jan 11, 2021 by Lance THOMPSON
PDF File 210104-3d AGRI SDCE-RDM proposal.pdf	Jan 11, 2021 by Lance THOMPSON

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