33rd UN/CEFACT Forum
Assembly Meeting

1 – 5 April 2019
Geneva, Palais des Nations
Opening remarks

• Ms. Maria Ceccarelli, ECTD Director-Officer-in-Charge, UNECE

• Ms. Sue Probert, Chair, UN/CEFACT
Reminder on UN/CEFACT participation

• All experts (and Bureau members) participate within UN/CEFACT in their own capacity and do not represent any organization or country (in accordance with the UN/CEFACT Code of Conduct).

• All participants within UN/CEFACT respect the relevant IPR policy.

• UN/CEFACT is a collaborative environment where public sector experts and private sector experts work together on trade facilitation and e-business standards for the global trading community.
International Trade Procedures Domain

ITP-PDA Vice Chair: Ms. Estelle Igwe
Domain Coordinator: Ms. Virginia Cram Martos
ITPD – recent activities

• Finalization of the Integrated Services for MSMEs in International Trade (ISMIT) project
  • Has developed explanations on eServices that can assist MSMEs to access international trading markets

• Conference on Monday, 1 April 2019 on "Expanding the Horizon for MSMEs in International Trade: Role of eServices"
ITPD – upcoming activities

• New project on "Readiness for emergency relief importation"
  • In partnership with the UN Office in Charge of Humanitarian Assistance (OCHA)
  • Looking at facilitating importation of relief consignments
Single Window Domain

ITP-PDA Vice Chair: Ms. Estelle Igwe
Domain Coordinator: Mr. Aleksei Bondarenko
Rec33 revision project leader: Mr. Ibrahima Diagne
Core Principles project leader: Mr. Richard Morton
SWD – recent activities

- Recently finalized a recommendation on Single Submission Portals and its use cases
  - Will be presented to the Plenary next week

- Progressed the revision of Recommendation 33 on Single Window
  - Main text should be finalized by this summer and out for Public review in the fall

- Project on Core Principles of Single Window Operation on hold
  - Work will resume once the Rec33 revision is finished
SWD – upcoming activities

• Finalization of Rec33 revision
• Finalization of Core Principles project

• Possible new project on Integrated Risk Management

• Events of related organizations
  • Portnet "5th Annual Conference on Single Window," Casablanca, 9 – 11 April 2019
Trade Facilitation Agreement Focal Point

ITP-PDA Vice Chair: Ms. Estelle Igwe
Focal Point: Mr. Yves Jobin
TFA-FP – recent activities

• Starting since August 2018
• Understanding of the UN/CEFACT environment
• Developing of a matrix of UN/CEFACT projects aligned with the TFA
  • Main TFA articles related with the UN/CEFACT work are
    • 10.1 “formalities and documentation requirements”
    • 10.3 “use of international standard”
    • 10.4 “single window”
    • 23.2 "National Committee on Trade Facilitation”
• Other articles were UN/CEFACT work can be used:
  • 5.1-5.3: for the notification on control, inspection and detention of goods (especially food related)
  • 7.2: “Electronic Payment”
  • 7.9: “Perishable Goods”
TFA-FP – upcoming activities

• Engagement with UNECE secretariat for
  • the update of the « Trade Facilitation Agreement and Implementing Instruments » matrix
  • The 2019 UNECE and others Regional Commissions survey on Digital and Sustainable Trade Facilitation 2019 to be presented on July 2019 at the WTO Aid for trade, including its online tool to visualize the results

• Support UN/CEFACT projects in relation with TFA; based on request by the UN/CEFACT members
Supply Chain Management / Procurement Domain

ISCO-PDA Vice Chair: Mr. Ian Watt
ISCO-PDA Vice Chair: Mr. Raffaele Fantetti
Domain Coordinator: Mr. Edmund Grey
CII-BRS Repository Project Lead: Mr. Rolf Wessel
Revised CI Delivery Project Lead: Mr. Rolf Wessel
CI S.C. Track/Trace Project Lead: Mr. Rolf Wessel
SCM+P – recent activities

• Finalization of a recommendation on Sustainable Procurement
  • This will be presented to the Plenary next week

• Cross Industry Invoice BRS repository
  • Currently on hold; will resume shortly

• Revised Cross Industry Delivery Project
  • Data requirements near finalization
  • Revised BRS to be finalized shortly
SCM+P – upcoming activities

• Launch of a new project on Cross Industry Supply Chain Track and Trace
  • Will propose a BRS and XML schema to track assets along the supply chain
  • Will be aligned with the Buy-Ship-Pay Reference Data Model (and the SCRDM and MMT-RDM)
Transport and Logistics Domain

ISCO-PDA Vice Chair: Mr. Ian Watt
ISCO-PDA Vice Chair: Mr. Raffaele Fantetti
Domain Coordinator: Mr. David Roff
BSP-RDM Project Leader: Mr. Zisis Palaskas
IMO-FAL mapping Project Leader: Mr. Nico Decauwer
Smart Container Project Leader: Ms. Hanane Becha
Data Pipeline Project Leader: Mr. David Roff
Revision Rec16 Project Leader: Mr. Alper Keçeli
T+L – recent activities

• Publication of the Multi-Modal Transport Reference Data Model (MMT-RDM) BRS & schema
  • Proposed as a model for EU DG MOVE work on the subject

• Updated code list annex of Recommendation 28 (Codes for types of means of transport)

• Smart Container for supply chain excellence
  • Finalization of the White Paper
  • Near completion of the BRS; started work on the schema

• Near completion of the Buy-Ship-Pay Reference Data Model BRS & schema
T+L – upcoming activities

• Finalization of the revision of Rec 16 (UN/LOCODE) planned this summer
• Launch of a possible eCMR Phase 2 project
• Multi Modal Transport Reference Data Model
  • Continuing to integrate needs of various modes of transport
• eIMO FAL project should finalize in the coming months
• Pipeline Data Carrier should finalize the BRS and XML schema in the coming months
• Participation in the blockchain inter-ledger project
• Studying potential new projects
Finance and Payment Domain

ISCO-PDA Vice Chair: Mr. Ian Watt
ISCO-PDA Vice Chair: Mr. Raffaele Fantetti
Domain Coordinator: Ms. Liliana Fratini Passi
PO Financing Project Lead: Mr. Fabio Sorrentino
The Finance domain has analyzed the outcomes of the last UN/CEFACT forum, identifying the IoT and Blockchain themes as a priority for possible initiatives to be undertaken with a finance perspective, also considering the current market trends. Furthermore, the theme of Open Banking, which is developing rapidly in Europe with regulatory impulses (i.e. PSD2), could provide important insights to address in the Finance domain.

**Ongoing Projects**

- **Purchase Order Financing Request:**
  - After the completion of the BRS (Business Requirements Specification), by following the Bureau’s guidelines, the project team started the analysis to define the RSM (Requirements Specification Mapping)

**Prospect Projects**

*Blockchain:*

- The domain has agreed to launch new project involving finance experts with the aim of providing operational guidelines following the work carried out in the Blockchain Whitepaper project
F+P – upcoming activities

• **Purchase Order Financing Request:**
  - Drafting of the RSM (or an equivalent CCBDA document)

• **Blockchain & Internet of Things:**
  - Start of the analysis and gathering of the requirements to define project proposals and the term of reference at the basis of the project team, which must include participation from market operators, on the supply chain finance topic
  - IoT Whitepaper draft with possible collaboration activities with other domains that are following similar activities (e.g. E-Government Domain)

• **Open Banking for Trade Facilitation:**
  - Prosecution of the analysis on the topic of Open Banking’s role in trade facilitation
Accounting and Audit Domain

ISCO-PDA Vice Chair: Mr. Ian Watt
ISCO-PDA Vice Chair: Mr. Raffaele Fantetti
Domain Coordinator: Mr. Eric Cohen
A+A RDM Project Lead: Mr. Eric Cohen
A+A – recent and upcoming activities

• Accounting and Audit Reference Data Model
  • Project planning and setup
    • [https://uncefact.unece.org/display/uncefactpublic/Accounting+and+Audit+Reference+Data+Model](https://uncefact.unece.org/display/uncefactpublic/Accounting+and+Audit+Reference+Data+Model)
  • Participant outreach and support

• Interoperability and outreach
  • Comments provided to ISO/PC 295 as Class A Liaison
  • Communication to complementary and competing efforts leading to conference later this week
A+A – during the 33rd Forum

• Thursday working session (all day)
  • Carrying out the activities of the Accounting And Audit Reference Data Model Project

• Friday morning conference
  • "Impact of new technologies on Accounting and Audit: Harmonizing Interoperability of Standards and Specifications“
    • Presentations by developers and users of detailed accounting and audit data and process specifications
    • Role of accounting and audit data standardization and collaboration in the era of Blockchain, AI, IoT, advanced data analytics and other emerging trends
Insurance Domain

ISCO-PDA Vice Chair: Mr. Ian Watt
ISCO-PDA Vice Chair: Mr. Raffaele Fantetti
Domain Coordinator: Mr. Michel Bormans
INS – recent activities

• Active Projects:
  • Reimbursement of Healthcare Claims
    • Seeking three Head of Delegation support

• Recent activities (ongoing since 31\textsuperscript{st} Forum)
  • Several meetings by phone, web and F2F to adjust with CEN TC 445 (Digital Information Interchange in the Insurance Industry)
    • UN/CEFACT outcomes are the base for European work with CEN TC 445
    • Adjustment with CEN TC 443 and Cross Industry Invoice
  • Continued follow-up with Council of Bureaux (COB)
    • digitalisation of the paper “Green Card” = “motor liability insurance certificate”.
INS – upcoming activities

• Reimbursement of Healthcare Claims
  • To be continued or not?
  • Potential of the CII in these matters?

• COB “motor liability insurance certificate”
  • Depending on maturity/consensus within the COB itself

• Non-actual “INS-projects”
  • Continued CEN TC/445 observation and involvement
  • Continued M&T - Lib. Maint. Involvement
  • Continued evaluation of potential work/input into/from
    • ITPD / ISCO / SCMP
International Supply Chain Orchestration Domain

ISCO-PDA Vice Chair: Mr. Ian Watt
ISCO-PDA Vice Chair: Mr. Raffaele Fantetti
Domain Coordinator: Mr. Rajiv Garg
Canonical Model Project Lead: Mr. Steve Capell
ISCO – recent activities

• Establish new ISCO Domain & engage experts in the team

• 6+ conf calls combination of monthly & bi-weekly. High level of participation with 14+ attendees in some calls.

• Welcome new experts who joined UN/CEFACT to participate in ISCO Domain activities.

• Canonical Model Project: Work package Progress
  • RDM2API - A methodology to develop RESTful Web APIs based on Open API 3.0 standards
  • "BSP API" - Publish current Buy-Ship-Pay(BSP) RDM as suite of API specifications
  • Resource Discovery - A protocol that facilitates discovery of API resources given a key identifier
ISCO – upcoming activities

• Engaged with other domains (T&L, SCM&P and M&T) to collaborate, assist and leverage expertise with ISCO work in API
  • IATA One Record and Air discussion
  • eCMR possible Phase 2, B2G scope and Road discussion
  • Smart containers: Data elements to API
  • SMDG: API effort – Vessel Schedule Pilot

• Tools
  • Studying tools for generating API

• Liaise with T&L/SCM&P/M&T and other Domains
• Develop framework for program of work to present in next forum
• Promote Technical discussion on slack and schedule conf calls for updates
eGovernment Domain

REG-PDA Vice Chair: Mr. Tahseen Khan
Domain Coordinator: Mr. Kaushik Srinivasan
Blockchain Project Lead: Ms. Virginia Cram Martos
IoT Project Lead: Ms. Virginia Cram Martos
Inter-Ledger Project Lead: Mr. Steve Capell
eGOV – recent activities

- Blockchain whitepaper project
  - Version 1 of the Blockchain Whitepaper published
  - Most chapters edited and sent for review by Secretariat/Bureau
  - Some chapters and use cases which require additional external input being edited

- IoT Whitepaper project
  - Two whitepapers proposed
  - Use of UN/CEFACT standards in IoT applications
  - Use of IoT in Trade Facilitation
  - Scope of topics to be covered include
    - Introduction to IoT and elements of an IoT ecosystem
    - Challenges in Use of IoT (including cyber security)
    - Use of Blockchain/AI with IoT
    - IoT Application Areas
    - Technology trends redefining IoT – 5G, Autonomous Things
    - Use Cases and Case Studies

- New Project on Cross border inter-ledger exchange for Preferential CoO using Blockchain
  - Exchange of preferential Certificate of Origins over a cross border distributed ledger platform such as Blockchain
  - Project approved by Bureau pending three Head of Delegation support
  - Project Core Team
    - Lead – Steve Capell, Australia
    - Co-lead – Dr Wang Xiang, China, Hardeep Batra, India
eGOV – upcoming activities

• New project on Digital Id for Trade proposed to be submitted
  • Focus on understanding digital ID systems (for ex: GLEIF etc) in enabling trade facilitation
  • Proposed Project Core Team
    • Lead – Vijay Kumar
    • Co-lead – Chris Gough

• Other focus areas
  • Artificial Intelligence/Big Data
  • Data Retention
  • Timestamping
  • ePayment Systems
  • Impact of emerging technologies such as Quantum Computing on trade facilitation
Environnement Domain

REG-PDA Vice Chair: Mr. Tahseen Khan
Domain Coordinator: Mr. Norbert Pfaffinger
Waste Mgmt Project Lead: Mr. Norbert Pfaffinger
ENV – recent and upcoming activities

• Review of implementation of "Transboundary Movements of Waste" deliverable

• Progress on Waste Management Project

• Study possibility of Executive Guide or White Paper on the subject
Agriculture, Fisheries and Agri-Food Domain

SEC-PDA Vice Chair: Mr. Harm Jan van Burg
Domain Coordinator: Mr. Frans van Diepen
eQuality Cert. Project Lead: Mr. Johan den Engelse
Textile Trace Project Lead: Ms. Maria-Teresa Pisani
AGRI – recent activities

• Completion of the eQuality Certificate project

• Progress in the Team of Specialists on Sustainable Fisheries

• Progress in the Sustainable textile and leather traceability project
AGRI – upcoming activities

• Looking at possible updates of existing standards and/or implementation guidelines
  • RASFF
  • eLAB
  • eCROP
  • eCERT

• Possible new project on Animal health and drug treatment reporting

• Possible new project on an Agriculture Reference Data Model
Travel and Tourism Domain

SEC-PDA Vice Chair: Mr. Harm Jan van Burg
Domain Coordinator: Mr. Akio Suzuki
Sustainable Tourism / Experience Program Project Lead: Mr. Sachin Mehta
Destination Travel Info Project Lead: tbd
T+T – recent activities

- Completion of the Green Paper on Sustainable Tourism – Experience Programs
  - Paper and related Use Cases on the Agenda of next week’s Plenary meeting
- Destination Travel Information
- Contributions to the Blockchain White Paper – tourism section
T+T – upcoming activities

• Draft Project Proposal on Business Standards for Experience Programs (EPs)
  • Developing the work for the possible electronic messages (BRS & schema)
  • Further gathering use cases of Eps

• Leadership of the Destination Travel information (DTI)

• Looking at new technologies (blockchain, etc.)

• Interim Meeting planned in June 2019
Utilities Domain

SEC-PDA Vice Chair: Mr. Harm Jan van Burg
Domain Coordinator: Mr. Kees Spaareboom
Specifications Domain

M+T-PDA Vice Chair: Mr. Anders Grangård
Domain Coordinator: Mr. Hisanao Sugamata
Head/Envelope Project Lead: Mr. Anders Grangård
Head/Envelope Project Lead: Mr. Kenneth Bengtsson
Library Publication Project Lead: Mr Christian Huemer
SPEC – activities

- Header - Envelope Document Exchange Project
  - Reminder: joint project with OASIS
  - Technical Specification ready for publication
  - Migration guideline being developed

- Library Publication Format Project
  - Future of project under discussion

- Message Construction Guideline Project
  - Kick-off Thursday
Library, Syntax and Validation Focal Points

M+T-PDA Vice Chair: Mr. Anders Grangård
Library Focal Point: Ms. Mary Kay Blantz
Syntax Focal Point: Mr. Gait Boxman
Validation Focal Point: Mr. Hidekazu Enjo
UN/EDIFACT

• Processed 50 DMRs:
  • 40 approved
  • 8 approved with modifications
  • 0 postponed
  • 0 rejected
  • 2 withdrawn

UNCEFACT/XML

• Based on CCL C19A
• Ready for publication: 124 messages
Library Maintenance – since the last Forum

CCL D18B (based on CCTS 2.01)

- Produced/validated/published CCL, including updates for
  - Agriculture: Track & Trace
  - Transport & Logistics: Multi Modal Transport
  - Supply Chain:
    - Scheduling
    - SCRDM (Supply Chain Reference Data Model)
    - Asia updates

- CCs: 7,824
- BIEs: 12,398
- qDTs: 161

- Published D18B schema
Library Maintenance – this Forum

CCL D19A (based on CCTS 2.01)

• Produced/validated CCL, including updates for
  • Agriculture
    • FLUX
    • eQuality
  • Transport & Logistics: Multi Modal Transport
  • Supply Chain:
    • SCRDM (Supply Chain Reference Data Model)
    • Asia updates

• CCs: 7,906
• BIEs: 12,784
• qDTs: 160

Note: Schema production/validation expected this week
Validation – recent activities

• Validation

• To validate following outputs:
  • UN/EDIFACT Directory 18B

• Starting validation following outputs:
  • CCL 19A (based on CCTS 2.01)
Validation – upcoming activities

• Validation

• CCL 19A
  • XML Schemas 19A

• Discussion for future validated outputs of UN/CEFACT
• General information on lunch and coffee
• Secretariat support in office E.3009
• All presentations during the Forum need to be submitted to the secretariat
  • All slides including this one will be on the website
• Please fill in and return attendance list for Domain meeting groups
• Please ensure meeting rooms are locked when not used or leaving in the evening
• Please do not use thumbtacks on the walls/doors
Housekeeping

• Any changes will be notified on the bulletin board in front of office E.3009

• Social dinner: registration and payment is mandatory

• Evaluation questionnaire after the Forum

• Next Forum:
Thank you