

# **Trade Facilitation and Electronic Business**

## **Hangzhou Forum**

Closing Session

19 October 2018



**UN / CEFACT**



# Welcome Address

- Ms. Sue PROBERT
  - Chair, UN/CEFACT

# International Trade Procedures PDA

Ms. Estelle Igwe, Vice Chair

UN / CEFAC



# International Trade Procedures Domain

*Ms. Virginia Cram Martos, Domain Coordinator*

- Integrated Services for MSMEs in International Trade
  - *Mr. Dapeng (Max) Liu, Project Leaders*

The logo for UN / CEFACT, consisting of the text 'UN / CEFACT' in a bold, blue, sans-serif font. Above the text is a vertical bar composed of many thin, parallel lines in various colors (pink, green, blue, orange, grey, etc.). Below the text, the lines continue and curve downwards to form a network of interconnected nodes and lines, resembling a circuit board or a data network diagram.

# ITPD, results from Forum

International Trade Procedures Domain

Met on Thursday, 18 October

- Reviewed the draft text and comments on the White Paper being developed by the project “Integrated Services for MSMEs in International Trade (ISMIT)” and made good progress in defining several complex characteristics of an ISMIT.
- Agreed to continue working on the text over the coming months

# ITPD, what's next...

- Agreed to develop a project proposal for identifying gaps in materials for supporting implementation of the WTO Trade Facilitation Agreement (WTO TFA). The proposed project will include:
  - Identifying those WTO TFA articles where the most countries have requested assistance for implementation (i.e. articles classified as category C) and, therefore, the greatest focus should be given when developing new tools
  - Identifying gaps and weaknesses in the materials available to support countries' implementation of the WTO TFA agreement
  - Consulting countries on which articles they see as being the most problematic for implementation and where they would like to see additional support materials.
- Ms. Fatou Ndiaye will take the lead in developing this proposal in consultation with the WTO TFA focal point
- Two other areas for possible future projects were discussed. One of these was the identification of factors contributing to the uptake of UN/CEFACT deliverables and the other was training.

# Single Window Domain

*Mr. Aleksei Bondarenko, Domain Coordinator*

- Core Principles for the Operation of Single Window
  - *Mr. Richard Morton, Project Leader*
- Single Submission Portal
  - *Mr. Ibrahima Diagne and Mr. Kepeng Li, Project Leaders*
- Revision of Recommendation 33
  - *Mr. Ibrahima Diagne, Project Leader*



# SWD, results from Forum

- Recommendation 33 revision project
  - Fruitful discussion on the presented approaches to the updated definition.
  - Drafting the project according to the SW conference outputs and experts proposals.
  - Agreed on project progress timeline and schedule.
- Single Submission Portal
  - The SSP project currently in Public Review until 12 November
  - Worked on the questionnaire for repository of case studies
- Core Principles for the Operation of Single Window
  - Decided to remain a separate recommendation under the umbrella of SW recommendations.
  - Updating the time line to continue the project



# SWD, what's next...

- Ideas for future projects in the Programme of Work in 2019-2020
- Discussed 5 new initiatives related to SWD.
- Decided to include two new initiatives as priorities:
  - Intergrated Risk Management System for SW
  - Trade Facilitation Ecosystem.

Looking for volontiers...

# International Supply Chain PDA

Mr. Ian Watt, Vice Chair

Mr. Raffaele Fantetti, Vice Chair

The logo for UN / CEFAC, consisting of the text 'UN / CEFAC' in blue capital letters. Above the text is a vertical bar composed of many thin, parallel lines in various colors (pink, green, blue, orange, grey, etc.). Below the text, the lines curve downwards and connect to a network of white circular nodes, resembling a circuit board or a supply chain network.

# Transport and Logistics Domain

*Mr. David Roff, Domain Coordinator*

- Buy-Ship-Pay Reference Data Model
  - *Mr. Zisis Palaskas, Project Leader*
- IMO FAL Electronic Compendium Mapping
  - *Mr. Nico De Cauwer, Project Leader*
- Pipeline Data Carrier
  - *Mr. David Roff, Project Leader*
- Smart Containers
  - *Ms. Hanane Becha, Project Leader*
- Revision of Recommendation 16 (UN/LOCODE)
  - *Mr. Alper Keceli, Project Leader*



# T&L, results from Forum

## Mini Conference and Domain Meeting

- Demonstrated the links between all projects and the Transport MMT RDM and benefits of re-use.
- Positive feedback regarding the conference, such as *“clear the links between projects when showcased”, “now understand the value of the MMT RDM”*
- Discussion on better marketing of UN/CEFACT deliverables as well as promoting UN/CEFACT semantic standards as the framework for other standards organizations to adopt
- Good presentations on SCRDM and its relations to MMT
- Significant progress on the Smart Containers project
- Updates from experts’ related projects

# T&L, what's next...

- Project(s) timelines to be adjusted to suit the change in delivery
  - Data Pipelines; Smart Containers
- Domain pages to be reviewed to update content on CUE
- Consideration of Interim Meeting in Bilbao beginning of February
- Project work to continue development phase:
  - IMO/FAL; Data Pipelines; Smart Containers;
  - Buy Ship Pay RDM
- Liaise closer with the Orchestration Focal Point

# Supply Chain Management and Procurement Domain

*Mr. Edmund Grey, Domain Coordinator*

- Cross Industry Invoice BRS Repository project
  - *Mr. Rolf Wessel, Project Leader*

The logo for UN / CEFACT, featuring the text 'UN / CEFACT' in blue capital letters. The logo is positioned above a stylized network diagram of colored lines and nodes.

# SCM&P, results from Forum

## Work on projects:

- Scheduling Project (Consumption Report) considered issues solved.

## Work on new project proposals (first drafts):

- Cross-Industry Track and Trace process
- Despatch and Receive process
- (Non) Conformance Reporting Process

## Joint sessions with ISCO/T&L and Agri/SCM-P:

- Discussion about API (ISCO/T&L)
- Discussion about possible harmonization (Agri/SCM-P)

# Finance and Payment Domain

*Ms. Liliana Fratini Passi, Domain Coordinator*

- Purchase Order Financing Request
  - *Mr. Fabio Sorrentino, Project Leader*

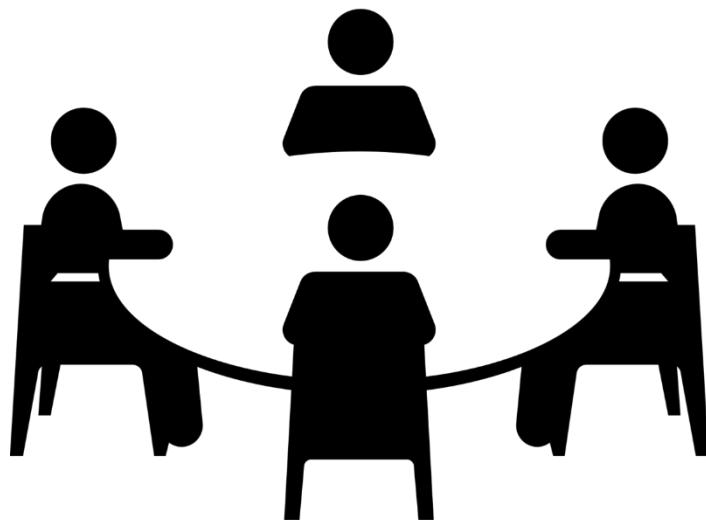
 UN / CEFAC



# F&P, results from Forum

During the meeting of Tuesday 16<sup>th</sup> October 2018  
the following items were analyzed and discussed:

---



- **Purchase Order Financing Request**  
status of the project and next steps for final publication;
- **Blockchain White Paper Finance Chapter**  
chapters, milestones and status of the project;
- **Liaison to ISO TC68**  
liaison category B activities update;
- **New project proposals**  
IoT, supply chain, credit management, KYC, international money transfers

# F&P, what's next...

New projects have been analyzed and will be proposed in the coming months. The Finance Domain will follow the projects developments and will support the members involved in the project proposal phases.

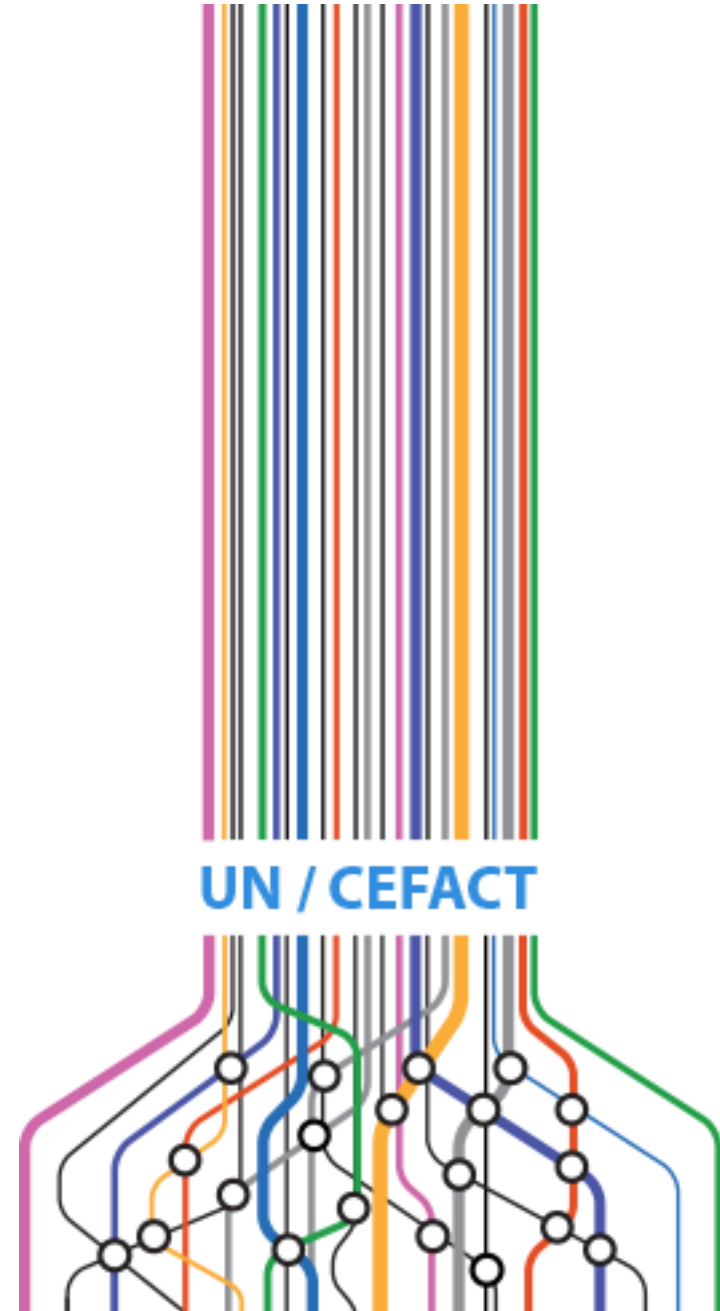
- 
- **IoT and Finance White Paper**  
(Preliminary analysis: by Q4 2018;  
possible project proposal: by Q1 2019);
  - **International Money Transfers through Blockchain**  
(Preliminary analysis: by Q4 2018).
  - **Blockchain in Supply Chain Finance**  
(Preliminary analysis: by Q1 2019);
  - **Blockchain in Credit Management, KYC, Customer Service processes**  
(Preliminary analysis: by Q1 2019);



# Accounting and Audit Domain

*Mr. Benoît Marchal and Mr. Eric Cohen,  
Domain Coordinators*

- Accounting and Audit Reference Data Model
  - *Mr. Eric Cohen, Project Leader*



# A&A, results from Forum

- Meeting heads of delegation for support of the A&A RDM project
- Discussions with UN/CEFACT Chair, Sue Probert
  - Tooling for RDM
  - Tooling for mapping XBRL, OECD SAF-T/SAF-P

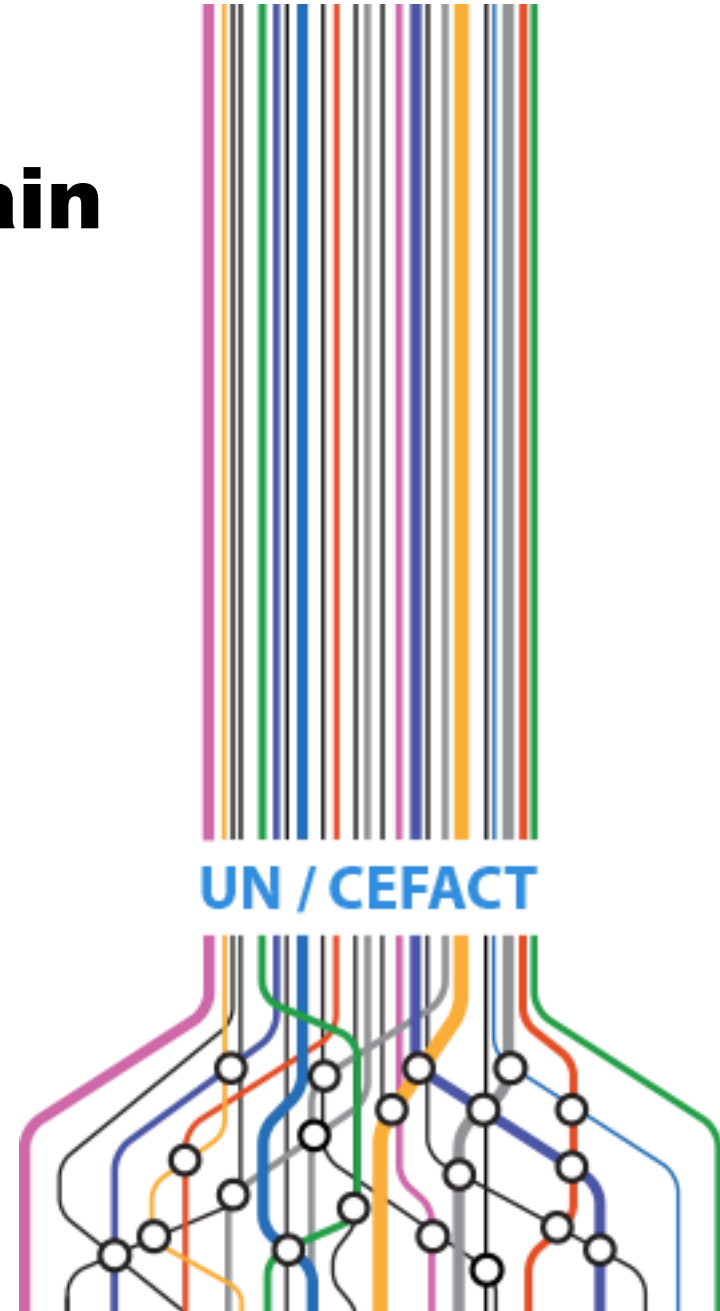
# A&A, what's next...

- Launch of the A&A RDM project once project approved by HoDs
- Conference calls on RDM

# International Supply Chain Orchestration Domain

*Mr. Rajiv Garg, Domain Coordinator*

- Canonical Models project
  - *Mr. Steve Cappel, Project Leader*



# ISCO, results from Forum

- Held Conference – UN/CEFACT for web developers
  - AU Gov – Mapping Resource Discovery to REST APIs
  - GS1 – Standards for maritime ports
- Engaged with other domains (T&L, SCM&P, eGov, M&T, AAA)
  - All are facing demands for RESTful APIs
  - There is good consensus on a way forward.
- Developed a framework for future program of work
  - Leveraging work from AU Gov, IBM/Maersk, and other industry practitioners.

# ISCO, what's next...

- Launched new work packages – all for delivery by the next forum:
  - “RDM2API” – A methodology to deliver RESTful Web APIs based on Open API 3.0 standard from UN/CEFACT Reference Data Models (RDMs).
  - “BSP API” – Publishing the current Buy Ship Pay (BSP) RDM as a suite of API specifications.
  - “Resource Discovery” – A protocol that facilitates discovery of API resources given a key identifier (e.g. a Container BIC) – providing some essential “glue” between document exchange and API paradigms.
- Supported by a green paper that provides a business value perspective.



# Regulatory PDA

Mr. Tahseen Khan, Vice Chair

The logo for UN / CEFAC, featuring the text 'UN / CEFAC' in blue capital letters. The logo is positioned below a vertical bar of colorful lines and above a network diagram of interconnected nodes and lines.

# eGovernment Domain

*Mr. Kaushik Srinivasan, Domain Coordinator*

- Blockchain project
  - *Ms. Virginia Cram Martos, Project Leader*
- Internet of Things project
  - *Ms. Virginia Cram Martos, Project Leader*

The logo for UN / CEFAC, featuring the text 'UN / CEFAC' in blue capital letters. The logo is positioned below a vertical bar of multi-colored lines that transition into a network diagram at the bottom of the page.

# eGOV, results from Forum

## Two successful conferences on Monday

- Internet of Things conference on use cases and implementation examples
- Blockchain conference – Looking toward implementation

## eGov Domain Meeting

- Discussions on International Convention – Mutual Recognition
  - UNCITRAL focusses more on legal aspects while there are a lot of technical aspects that need to be laid out for a Mutual Recognition framework which will be proposed as UN/CEFACT's focus
  - Working Group agreed that we will work with UNCITRAL to identify how to complement each other's work.
- IoT Whitepaper Project
  - Will be driven in a format similar to the Blockchain project
- Digital ID for Trade
  - Lot of interest in this topic. Mutual recognition aspects to be considered
  - Working Group agreed that this should be pursued as a UN/CEFACT project to study inventory of existing ID systems
- Data Retention
  - Study existing work done by International Librarian Association, International Council on Archives on best practices as part of UN/CEFACT project
- Artificial Intelligence for Trade Facilitation
  - To try and study this first in the context of IoT Whitepaper project and explore this subject in the context of our work.

## eGov Domain Meeting (continued)

- Privacy Laws (GDPR) and its implications on current projects
  - Extensively debated and interesting topic given its applicability to existing projects such as IoT, Blockchain
  - Working Group felt this required extensive study and could be prioritized after we make progress on other topics
- Blockchain Project Meeting
  - Discussion Blockchain Standards Whitepaper
    - Report made on progress in incorporating >200 public comments and finalizing the Whitepaper
    - On follow-up projects to the Standards whitepaper: the emphasis was two pronged, one on linking the relevant technical work under the Orchestration domain and, the other being practical blockchain implementation projects which, to be completed, will require interactions with other projects and standards activities in UN/CEFACT
  - Discussion Blockchain and Trade Facilitation Whitepaper
    - A great deal of material has been developed for this whitepaper so it will be published with the Executive Summary in the main document and then each chapter as a separate annex.
    - A proposal was discussed on the establishment of a database of blockchain case studies related to the UN/CEFACT mandate.
    - Draft terms of reference were finalized for the establishment of a Senior Advisory Group on Advanced Technologies in Trade and Logistics reporting to UN/CEFACT. The Vice Chair responsible for the Regulatory PDA was requested to submit this proposal to the UN/CEFACT Bureau.

## Plan for the coming months

- Completion of Blockchain Project
- Kickstart IoT Whitepaper Project and gather interest from experts
- Work with Secretariat on next steps for an International Convention
- Take proposal for Senior Advisory Group on Advanced Technology forward
- Prioritize projects from eGov Domain Meeting and decide 1-2 topics that can be taken up as part of the work programme

# Sectoral PDA

Mr. Harm Jan van Burg, Vice Chair

The logo for UN / CEFAC, featuring the text 'UN / CEFAC' in blue capital letters. The logo is positioned below a vertical bar of multi-colored lines that transition into a network of colored lines with circular nodes at the bottom of the page.

# Agriculture, Fisheries and Agri-food Domain

*Mr. Frans van Diepen, Domain Coordinator*

- Electronic Interchange of fisheries catch data
  - *Mr. Bernardus Kloppenborg, Project Leader*
- eQuality Certificate project
  - *Mr. Johan den Engelse, Project Leader*
- Sustainable Textile and Leather Traceability and Transparency project
  - *Ms. Maria-Teresa Pisani, Project Leader*



# AGRI, results from Forum

- e-Quality Certificate
  - Discussed the comments on the BRS
  - Agreed on the draft BRS
  - Discuss the possibility of a framework for a generic e-certificate approach
- Track and Trace
  - Discussed interaction with the textile and leather project developments
- Sustainable Value Chains / textile and leather
  - The conference on sustainable value chains
  - Discussed the draft project terms of reference and approved
  - Work scope and surveyed the re-use of the BRSs for the TT for agri commodities

# AGRI, what's next...

- e-Quality Certificate
  - Planned submission for the CCL 19A and schema production
  - Have a conf call or F2F meeting
  - Extend the work towards a certificate framework
- Track and Trace
  - Discussed interaction with the textile and leather project developments
  - Eventually adapt updates for textile?
- Sustainable Value Chains / textile and leather
  - Start the project officially; set up the team; call for participation by experts
  - F2F meetings with branch partners, EU DG DEVCO, ITC
  - Work on BRS , based on the BRSs for the TT for agri commodities



# Travel and Tourism Domain

*Mr. Akio Suzuki, Domain Coordinator*

- Destination Travel Information Process
  - *Mr. Gil Jun Ko, Project Leader*
- Sustainable Tourism – Experience Programs
  - *Mr. Sachin A Mehta, Project Leader*



UN / CEFAC



# T&T, results from Forum

1. Finished the work on Green Paper on Experience Programs with the project team partly on line.

Results will be edited before submission to the Bureau in November. Hopefully publication in December.

2. Discussed the future work Experience Programs by creation of set of standards (Project plan will be submitted shortly)

3. Shortage of available experts still remains concern. Group will generate ideas.

4. Delay for DTI project due to missing project lead.

# Methodology and Technology PDA

Mr. Anders Grangard, Vice Chair

The logo for UN / CEFAC, featuring the text 'UN / CEFAC' in blue capital letters. The logo is positioned below a vertical bar of multi-colored lines that transition into a network diagram of interconnected nodes and lines at the bottom of the page.

# Methodology and Technology Programme Development Area

*Mr. Hisanao Sugamata, Specification Domain Coordinator*

*Mrs. Mary Kay Blantz, Library Maintenance Focal Point*

*Mr. Gait Boxman, Syntax Focal Point*

*Mr. Enjo Hidekazu, Validation Focal Point*

- Header/Envelope Document Exchange Project
  - *Mr. Anders Grangard and Mr. Kenneth Bengtsson, Project Leaders*
- Library Publication Format Project
  - *Mr. Christian Huemer, Project Leader*

The logo for UN / CEFAC, featuring the text 'UN / CEFAC' in a bold, blue, sans-serif font. Above the text is a vertical bar composed of many thin, parallel lines in various colors (blue, green, orange, pink, grey). Below the text, the lines transition into a network of interconnected nodes and paths, resembling a circuit board or data network diagram.

# M&T, results from Forum

- Standard Business Document Header/Envelope
  - SBDH/BDE -> XHE
  - Joint project with OASIS
  - Reviewed latest draft
  - Ready for public review within 2 weeks
- Library Format Project
  - XML Schema for Publishing CCL
    - May be other UN/CEFACT libraries later
  - Core Components „Meta Model“ to capture Core Components, Business Information Entities, etc.
  - Next steps:
    - Submission to the Library Maintenance Team for their check (even if the content should not really end up in the library)
    - Apply NDRs to create the XML Schema for the CCL library format

# M&T, what's next...

## Candidate project

- XML Message Construction Guidelines
  - Purpose: provide guidelines on existing specifications to assemble XML documents
  - Reviewed and agreed project proposal; Will be submitted to the Bureau for approval when project leader is found

## Cut off dates for Library submissions

- 8 weeks before the first day of the UN/CEFACT Forum
- Submissions received after the deadlines will be postponed until the next version of the affected UN/CEFACT deliverable
- For D.19A:
  - Start date: 1 April 2019
  - Cut-off date: 4 February 2019
- Note: Please notify well in advance in case of large submissions. DMRs will be processed in the order that they are received.

## M&T Conference Calls

- Coordination & information sharing
- Projects will have dedicated calls
- Monthly
- 29 Nov 2018, 1 PM CET
- 20 Dec 2018, 1 PM CET
- ...
- All UN/CEFACT experts are welcome

# Library Maintenance & Syntax FP

## UN/EDIFACT

- Processed 9 DMRs:
  - 1 approved
  - 4 approved with modifications
  - 2 postponed
  - 2 rejected

## UNCEFACT/XML

- Based on CCL D18B
- To be published before end of the year

## CCL D18B (based on CCTS 2.01)

Produced/validated CCL, including updates for

- CCs: 7,861
- BIEs: 12,644
- qDTs: 161

# **Team of Specialists on Sustainable Fisheries**

Mr. Frans van Diepen, Chair

Ms. Maria-Teresa Pisani, Secretary

The logo for UN / CEFAC, featuring the text 'UN / CEFAC' in blue capital letters. The logo is positioned below a vertical bar of multi-colored lines that transition into a network of colored lines with circular nodes at the bottom of the page.



# ToS, results from Forum

- Worked on the briefing note for WTO on subsidies IUU and the benefits of FLUX, framework of this note agreed.
- Work in progress on communication and documentation
- Demo by Thailand on their national monitoring, reporting and inspection system for marine fishing
- Report of the usage of FLUX
- Research to submit FLUX as an ECOSOC UN standard

# ToS, what's next...

- Next conf call beginning of December 2018
- F2F meeting 2 days around 29 – 31 Jan 2019 in Geneva
- Work on communication and documentation project
- Work on test specifications for FLUX system
- Work on the briefing note for WTO
- Proposal for minor update of FLUX
- Work on identification and integrity issues related to usage of FLUX data in inspection and prosecution casus.
- Update, extension of the Terms of Reference.

# **UN/LOCODE Advisory Group**

Ms. Sue Probert, Chair

Ms. Yan Zhang, Secretary

The UN/CEFACT logo is positioned at the bottom right of the page. It features a vertical stack of colorful lines that transition into a network of interconnected nodes and lines, resembling a data network or a complex system. The text 'UN / CEFACT' is written in blue capital letters below the lines.

**UN / CEFACT**

# A/G, results from Forum

- New developments within the group
  - Use of UN/LOCODE with Dry Ports
  - Use of UN/LOCODE in IMO FAL
  - UN/FLUX
  - Possibility of adding Time Zone to UN/LOCODE
- Big change announcement by France
- Update on Project to Revise Recommendation 16
- Analysis of current Data Maintenance Procedures for UN/LOCODE and new proposals
  - To be integrated as part of an Annex to revised Rec.16

# A/G, what's next...

- F2F project meeting of Rec.16 revision
  - Geneva, Palais des Nations
  - 3-4 December 2018
  - Possibility of remote participation
- Plan to submit the revised Rec.16 draft to the Plenary in 2020

# Some final remarks...

- Ms. Ivonne HIGUERO
  - *Director, Economic Cooperation and Trade Division, UNECE*
  
- Dr. Yueming Qui
  - *Vice President of the China National Institute of Standardization*



# Next meetings

- 5th UNECE Single Window conference
  - In collaborations with Portnet, Morocco and IPCSA
  - 10-11 November 2018, Casablanca
  - <http://www.unece.org/fifthintlswconf-maroc.html>
- Electronic Business MoU MG meeting
  - In collaboration with IEC, ISO and ITU
  - 5 December, 2018, Geneva
- 33rd UN/CEFACT Forum
  - 1-5 April, 2019, Geneva
- 25th Session, UN/CEFACT Plenary
  - 8-9 April, 2019, Geneva

# Websites for more information

- Hangzhou Forum and conferences:
  - <http://www.unece.org/hangzhouforum.html>
  - <https://uncefact.unece.org/display/uncefactforums>
  - <https://owncloud.unog.ch/index.php/s/D3nqz6sz2AFG3Vg>
- UN/CEFACT public website:
  - <https://www.unece.org/cefact>
- Collaborative UN/CEFACT Environment:
  - <https://uncefact.unece.org/>
- Trade Facilitation Implementation Guide (TFIG):
  - [tfig.unece.org](http://tfig.unece.org)





**Congratulations on a  
successful Forum!**

**Lance THOMPSON**  
Secretary, UN/CEFACT  
lance.thompson@un.org  
**UNECE – UN/CEFACT**  
14 October 2018

