UN/CEFACT Project Proposal

Project Name:	Transfer of MLETR-compliant titles		
Date submitted:	01 Nov 2019	Proposed by:	SG-HoD

1. Project purpose
Required

Facilitating paperless trade has been an important objective of UN/CEFACT's deliverables, especially working on the dematerialization of the business processes. However, there are still paper documents such as negotiable financial instruments (e.g. Bill of Lading) which are widely used today which have resisted this dematerialization.

UNCITRAL has developed the Model Law on Electronic Transferable Records (MLETR) which establishes the proposed legally enabling environment to resolve this problem. Some questions remain on how to establish the reliability which is described in the MLETR. This project aims to propose the framework and guidance on how to satisfy these issues of reliability.

Singapore has begun work on this topic and seeks to work with other countries and the expert community to create an international approach to this.

2. Project scope
Required

This project is to create the clear guidance on how to achieve the requirements outlines in the MLETR for electronic transferable records. This guidance is proposed as a White Paper. It is likely that this will be a use case of using Distributed Ledger Technology (DLT); this will build upon the work already done within UN/CEFACT on Blockchain.

This guidance material will look at:
- • How Distributed Ledger Technology could be used to facilitate title transfers of MLETR-compliant title records (other feasible technologies may also be considered)
- • How existing UN/CEFACT deliverables could be used in this context
- • Key issues to consider while creating, administering and using technologies for electronic transferable records

A reference implementation is planned to be developed in order to demonstrate how this can be achieved. This may be used as a basis for a future technical or business standard (which would be the subject of a separate project proposal).

Based on the development of this project, an annex on accreditation framework may be proposed.

3. Project deliverables
Required

Deliverable 1:	White Paper on the Dematerialization of Transfer of Negotiable Titles (based on UNCITRAL's MLETR)
Deliverable 2:	Reference implementation that demonstrates transfers of MLETR-compliant title records
Deliverable 3:	Annex on accreditation framework (if determined required by the above deliverables)

4. Exit Criteria
Required

Exit Criteria for Deliv. 1:	White Paper ready for publication

Exit Criteria for Deliv. 2:	Report on pilot implementation of transfers of MLETR-compliant title records
Exit Criteria for Deliv.3:	Annex ready for publication

5. Project Team membership and required functional expertise

Membership is open to UN/CEFACT experts with broad knowledge in the area of:	DLT and negotiable titles

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.

6. HoD support

Required for Technical Standards, Business Standards and UNECE Recommendations. And at the request of the UN/CEFACT Bureau.
Projects that require HoD support must obtain this within 6 months of Bureau provisional approval.

Though the project doesn't require, the proposed team requests 3 HoD support for the project			

7. Geographical focus

The geographical focus of the project is global

8. Intial contributions

The following contributions are submitted as part of this proposal. It is understood that these contributions are only for consideration by the Project Team and that other participants may submit additional contributions in order to ensure that as much information as possible is obtained from those with expertise and a material interest in the project. It is also understood that the Project Team may choose to adopt one or more of these contributions "as is".

List any initial contributions:

• UN/CEFACT Blockchain white papers
• UNCITRAL Model Law on Electronic Transferable Records
• UNCITRAL Model Law on Electronic Commerce
• UN/CEFACT White Paper on Trusted Transboundary Environment

9. Ressource 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.

Any additional request:	None

10. Proposed project leadership

Proposed:	Kay Ren Yuh	E-mail:	
Proposed:		E-mail:	

11. Milestones (repeat for each deliverable, if different)

The following are draft milestones of the project.

Yes/No	ODP Stage	Expected Completion Date

		(Approval + XX months)
Yes	Project Inception	Approval + 1 month
Yes	Requirements gathering	Approval + 1 month
Yes	Draft development	Approval + 12 months
No	Public Draft Review	
Yes	Project Exit	Approval + 12 months
Yes	Publication	Approval + 12 months