UN/CEFACT Project Proposal

Proposed project name:	Data Governance for Trade Facilitation		
Date submitted:	15.02.2023	Project proposed by:	Sray Agarwal
Date last updated:			

1. Project purpose
Required

Data Governance facilitates smooth movement of data across entities and borders. In the light of the increased cross border data flows in the context of domestic and cross-border trade along with data localization, privacy issues and guidelines, it becomes imperative to have governance related guidelines and controls in place. There have been numerous incidents of data breach and leakages – which have put data owners at risk. Adversarial attacks on data models lead to leakage of private and classified information which is not only a privacy issue but also a socio-economic threat. An enterprise level data leakage can lead to economic and financial impact on corporations and international bodies

Thus, data governance policies and effective controls could ensure:
1. Centralized and distributed policies and systems
2. Standardization of domestic and cross-border data exchange
3. Meeting Compliances
4. Incorporating principles of data privacy
5. Implementing Cyber security through standard Information Security Management Systems

The purpose of this project is to look at Data Governance especially in Trade Facilitation (TF) in the context of UN/CEFACT's mandates and create a whitepaper that focuses on studying existing Data Governance and presenting best practices for existing systems that can act as a guide for future implementation.

2. Project scope
Required

NOTE: Specify project scope in terms of in-scope and out-of-scope items within the context of the UN/CEFACT Programme of Work. Include a description indicating the relationship between this project and other UN/CEFACT projects, if known. In the case of a project whose deliverables include proposed Recommendations and Standards, include projects outside of UN/CEFACT of which this project could be considered a duplicate, if any, and explain why it is not.

The project scope is to define and create white papers on the best practices in implementing Data Governance with a view to examining:

- What is data governance?
- Why is it needed in TF?
- How existing UN/CEFACT deliverables are relevant in the context of Data Governance?
- How Data Governance enables privacy, protection, localization and data security?
- Illustrative Data Governance frameworks
- Data Governance best practices
- Domestic and Cross border data flow and governance
- Various laws around Data Governance

All the above will be examined from the perspective of UN/CEFACT's mandates in order to provide input to the Bureau, Programme Development Areas and Domains on

1) Possible future work and a possible common approach to Data management/projects
2) Application developers as a potential new user group for UN/CEFACT standards

3. Project deliverables

Required
NOTE: Provide name and description of each deliverable.

Deliverable:	White paper covering guidance material for developing Data Governance framework and guidance to facilitate secure exchange of domestic and cross border data especially in the context of trade

4. Exit Criteria

Required
NOTE: For each deliverable, list the criteria that, when met, will indicate the deliverable has been completed.

Exit Criteria for Deliv. 1:	Draft white paper 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:	Data Governance, technology and/or trade facilitation and related business processes

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

NOTE: At least three HoD support is required for Technical Standards, Business Standards and UNECE Recommendations – and at the request of the UN/CEFACT Bureau. (See annex IV for an optional template).
NOTE: Projects that require HoD support must obtain this within 6 months of Bureau provisional approval.

N/A			

7. Geographical focus

The geographical focus of the project is global

8. Initial 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:

Initial contributions include existing descriptions and technical specifications for the UN/CEFACT:
- Core Components Library (CCL);
- Business Requirement Specifications (BRSs),
- Requirement Specification Mappings (RSMs) and
- Reference Data Models (RDMs) as well as
- already published material on advance technologies and implementations,
- Blockchain, IoT, AI work undertaken by UN/CEFACT

9. 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.

NOTE: If specialized resources are required to complete the project, and such resources are not available within the Project Team, then those requirements should be clearly identified.

Any additional request:	

10. Proposed project leadership

Leader:	Sray Agarwal	E-mail:	srayagarwal@outlook.com
Co-Lead:	Saad Khan	Email:	Saadkhan.nmims@gmail.com

11. Milestones
Note: 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	Feb + 1 month
Yes	Requirements gathering	Approval + 2 month
Yes	Draft development	Approval + 5 month
No	Public Draft Review	
Yes	Project Exit	Approval + 8 month
Yes	Publication	Approval + 8 month

* NOTE: The following stages are obligatory: Project Inception, Project Exit and Publication. Public Draft Review is obligatory for recommendations, business standards and technical standards. The presence of "Yes" in the field indicates that the stage is required for the project and an expected completion date should be provided.