



Proposal on UN/LOCODE Ecosystem

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Situation

- Provide the secretariat services
 - Annual meeting of the UN/LOCODE Advisory Group
 - UN/LOCODE Focal Point Network
 - UN/LOCODE maintenance
 - Maintenance meeting
 - Directory generation and publication (updates every six months)
 - UN/LOCODE system
 - Cyber security problem on the front end
 - Google Sheet
 - Technical problems on the front end and the back end
 - UN/LOCODE strategy
 - Subgroups to deal with different issues





UN/LOCODE Ecosystem Initiative



Purpose: Fundraising (XB)

Timeframe: 2024-2026

Already shared with the USA and the EU





Expected Accomplishments (I)

1. A new re-engineered ICT system for the UN/LOCODE maintenance and publication
 - Covering the entire UN/LOCODE data lifecycle: DMR drafting -> DMR submission -> DMR validation -> Directory generation -> Directory publication
 - Intergrated system to include all fonctions of the current subsystems
 - 1). Subsystem 1: the web-based online Data Maintenance Request (DMR) application
 - 2). Subsystem 2: the collaborative DMR validation application
 - 3). Subsystem 3: the Directory generation and publication application
 - Compliance with the UN/OICT Minimal Security Requirements for Public Websites of the United Nations and Access Control for the United Nations Secretariat ICT Technical Procedure.





Expected Accomplishments (I)

1. A new re-engineered ICT system for the UN/LOCODE maintenance and publication
 - Develop a new UN/LOCODE application in alignment with UN/OICT best practices.
 - Seamlessly integrate data between subsystems 1 to 3 to optimize information flow and accessibility.
 - Migrate legacy data
 - Execute comprehensive user acceptance testing to validate the efficacy and usability of the application.
 - Implement APIs to update/disseminate UN/LOCODEs in real-time mode in line with the UN/LOCODE API technical specifications.
 - Migrate data from the legacy application.
 - Provide towards the system maintenance, enhancement and ongoing cost to host the UN/LOCODE application.





Expected Accomplishments (II)

2. An enhanced collaborative mechanism of the UN/LOCODE community

Milestone of the UN/LOCODE development

- 2017: UN/LOCODE Focal Point Network
- 2019: UN/LOCODE Advisory Group
- 2020: Fourth edition of UNECE Recommendation No. 16





Expected Accomplishments (II)

2. An enhanced collaborative mechanism of the UN/LOCODE community

- Organize meetings for the UN/LOCODE Advisory Group for decision-making, policy advice and recommendations towards the further improvement of the UN/LOCODE ecosystem supporting future expectations, at least an annual meeting (F2F).
- Make ongoing efforts to expand the UN/LOCODE Focal Point Network and encourage the active engagement of Focal Points in the activities related to UN/LOCODE.
- Support the UN/LOCODE Maintenance Team to process DMRs through weekly maintenance meetings and address ad-hoc requests.
- Support the UN/LOCODE Strategy Team to coordinate, research and report its findings and recommendations to the UN/LOCODE Advisory Group.
- Conduct and coordinate the project team to revise Rec. 16 through the UN/CEFACT Open Development Process.





Expected Accomplishments (III)

3. Capacity building and knowledge transferring

- Organize six capacity-building and training sessions in different regions, with the user community and national focal points.
- Develop online tutorials and electronic training courses and publish them on the UNECE website.





Expected Accomplishments (IV)

4. Expansion of the use of UN/LOCODE

UN/LOCODE Child Codes:

- BIC Container Facility Code
- IMO Port Facility Number
- SMDG Master Terminals List
- UPU International Mail Processing Centre Code





Expected Accomplishments (IV)

4. Expansion of the use of UN/LOCODE

- Conduct pilot projects for data interoperability between the UN/LOCODE application and other business systems through API, i.e. the IMO GISIS.
- Resume subgroup 1 under the UN/LOCODE Strategy Team to task a solution with UN/LOCODE to identify small fishing ports in support of FAO's initiative against IUU fishing.
- Execute research and analysis on trade statistics, and trends in data schemes related to the UN/LOCODE and report the findings and recommendations to the UN/LOCODE Advisory Group for decision.
- Establish a new subgroup under the UN/LOCODE Strategy Team on the sustainable development of the UN/LOCODE to provide ongoing technical guidance, support, and knowledge exchange of best practices.

