

# Library Review

UN/CEFACT Forum

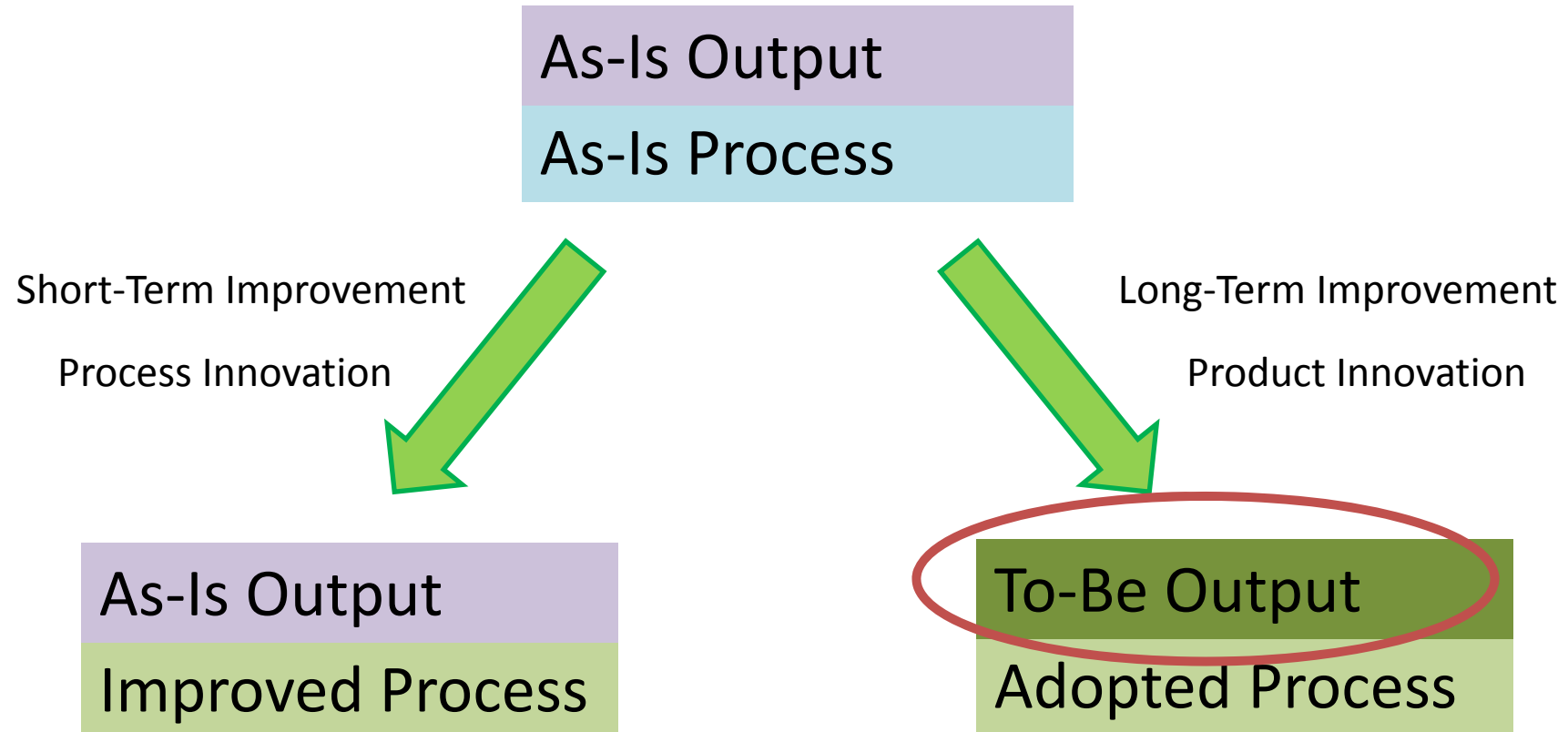
New Delhi

2014-10-28

# Project Goal

The purpose of this project is to ensure the long-term sustainability of UN/CEFACT's libraries of business process and information models and associated technical artifacts (EDIFACT and XML).

# From today to tomorrow



# Background Information

- The following slides summarize the input received from the spokes(wo)men from different domains
- Their input reflects the diversity on the topic
- The bullets on the following slides do not present a consolidated view, they rather present all opinions. Thus, some of the bullets are in conflict with each other.

# CC & BIE

- Core Components
  - Is considered a key asset by UN/CEFACT
  - Permanent Participation of all domains
    - New submissions checked by all for semantic overlap (Permanent Quality Control by domains)
- Business Information Entities
  - Don't reuse in the current form (harmonization)
  - Good to know where and how they are used

# Library Item

- Which project/submission uses which library item and, vice versa, which library item is used by which project/submission;  
in particular important for non-XSD-projects
- Library Items on-line
  - Unique permanent URI and links to related items
  - Tracing History

# XML Schemas

- XSDs are a key artifact
- CCs, No BIEs, No XSDs or any other syntax dependent messages
- XSDs :: No one size fits all solutions  
=> XSD yes/no depending on submission
- XSDs published on demand – not twice a year
- Changes of Codelists should not affect XSDs  
(don't create XSD enumerations)

# Codelists

- UN/CEFACT maintained code lists: Accessible by a Web Service
- Publication of code lists (independent of format) contain all entries, i.e. also the ones expired



# Accessibility to ...

- Web Services and their configurations
  - Guidelines for Setting up Web Services or other transport channels (email, ftp, ...)
  - Best practices, technical instructions and configuration specifications for set up, test and deployment
- Reference Implementations
- Background material,
- Schematron (or other rule language)
- Samples (for one or two popular languages)
- Guides describing business value, technical difficulties in implementation, etc
- good definitions, explanatory notes

# Representation of Business Semantics

- Hyperlinked Documents
- OWL and UML as a reference
- UML for information clusters (CC) and role model, UMM limited to interface processes
- Semantic Standards (RDF)

# Next Steps

- The project lead appreciates further input during the New Delhi Forum
- All inputs are considered in a questionnaire
- The questionnaire will be distributed to domain coordinators to get a better overview