



Lunch and Learn

24 April 2009

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Overview

- Core Components
- TBG17
- Libraries
- Library Use Case (Country Level)



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Core Components

- Basic building block . a data element
- No business context
- Types
 - ACC = Aggregate Core Component
 - Like a segment in X12 or EDIFACT
 - BCC = Basic Core Component
 - Like a data element in X12 or EDIFACT
 - ASCC = Associate Core Component
 - Connects two ACCs
 - ” Like a Party to an Address



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Business Information Entities

- Built from Core Components
- Have Business Context (8 possible)
 - Like Trade, Purchasing, Finance
- Types
 - ABIE = Aggregate Business Information Entity
 - Built from an ACC
 - Qualified with a meaningful term
 - BBIE = Basic Business Information Entity
 - Built from a BCC
 - ASBIE = Association Business Information Entity Connects two ABIEs
 - Built from an ASCC



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Data Types

- All BCCs and BBIEs have a data type
 - Such as date, code, measure
- BBIEs can have a qualified data type
 - Can point to code lists
 - Such as certain codes from Recommendation 20 . Units of Measure, or ISO Country Codes



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Naming

- Each dictionary entry name has three parts
 - Object Class . like Address or Person
 - Property Term . like Street or Name
 - Representation Term . like Code or Text
- Put together like this
 - Object Class. Property. Representation
 - Address. Street. Text



Once approved, we assign a **globally** unique ID

We use the Oxford English Dictionary

Unique ID	Dictionary Entry Name	CC Type	Definition
UN00000010	Address. Details	ACC	The information relevant to a specific address.
UN00000014	Address. Postcode. Code	BCC	The postal code of the address.
UN00000033	Address. Street Name. Text	BCC	A name, expressed as text, of a street or thoroughfare.
UN00000013	Address. City Name. Text	BCC	The name of the city, town or village of this address.
UN00000203	Address. Country. Identifier	BCC	A unique identifier of a country, e.g. as specified in ISO 3166 and UNECE Rec 3.
UN00000204	Address. Type. Code	BCC	The type of this address such as business address or home address.



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Core Component Harmonization

TBG17

- What we are
- Who we are
- Why we do it
- What we are doing
- How we do it



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TBG17 – What we are

Core Component Harmonization

The purpose of TBG17 is to be responsible for consistency and harmonisation of core components **across** business domains and sectors, contributing to a concise and well-defined glossary of business terms, business data semantic definitions, and structuring of data exchanges.



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TBG17 – Who we are

- Unlike other UN/CEFACT TBGs, TBG17 members can represent groups
- Members represent
 - Other TBGs
 - Liaisons
 - ECOM
 - EDIFICE
 - GS1
 - IATA
 - JAI
 - OAGi
 - RosettaNet
 - SWIFT
 - UBL
 - USG
 - X12
 - Other PGs



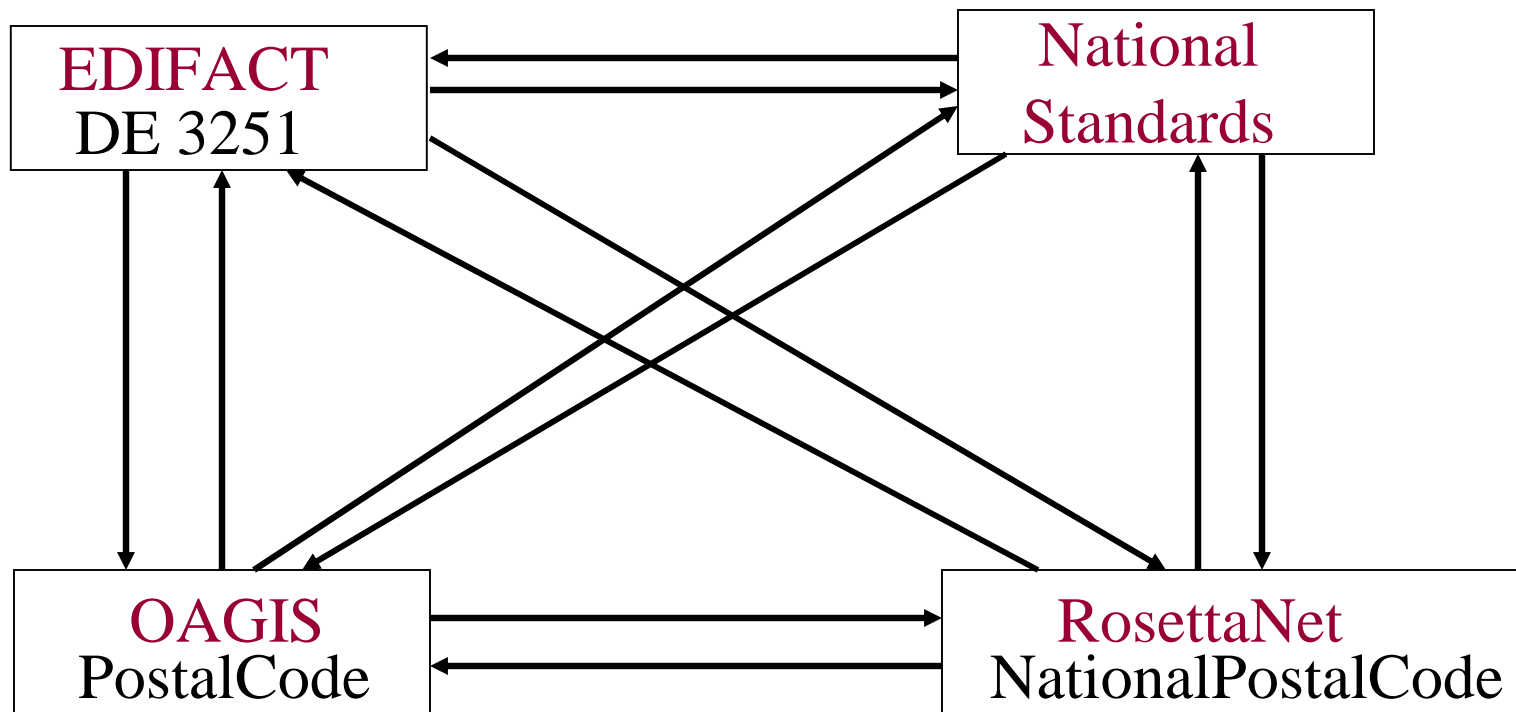


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TBG17 – Why we do it

Current Picture



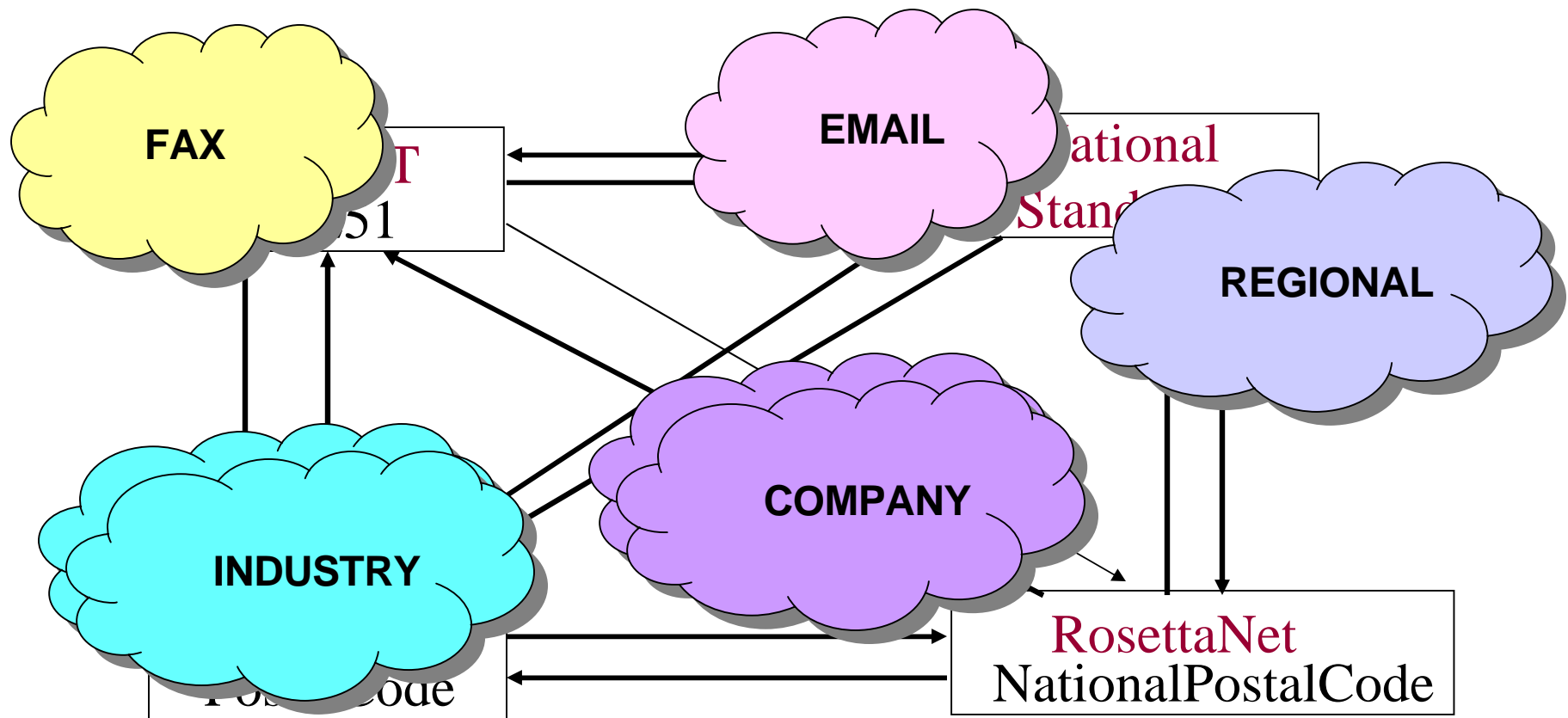


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TBG17 – Why we do it

Now, add in other possibilities

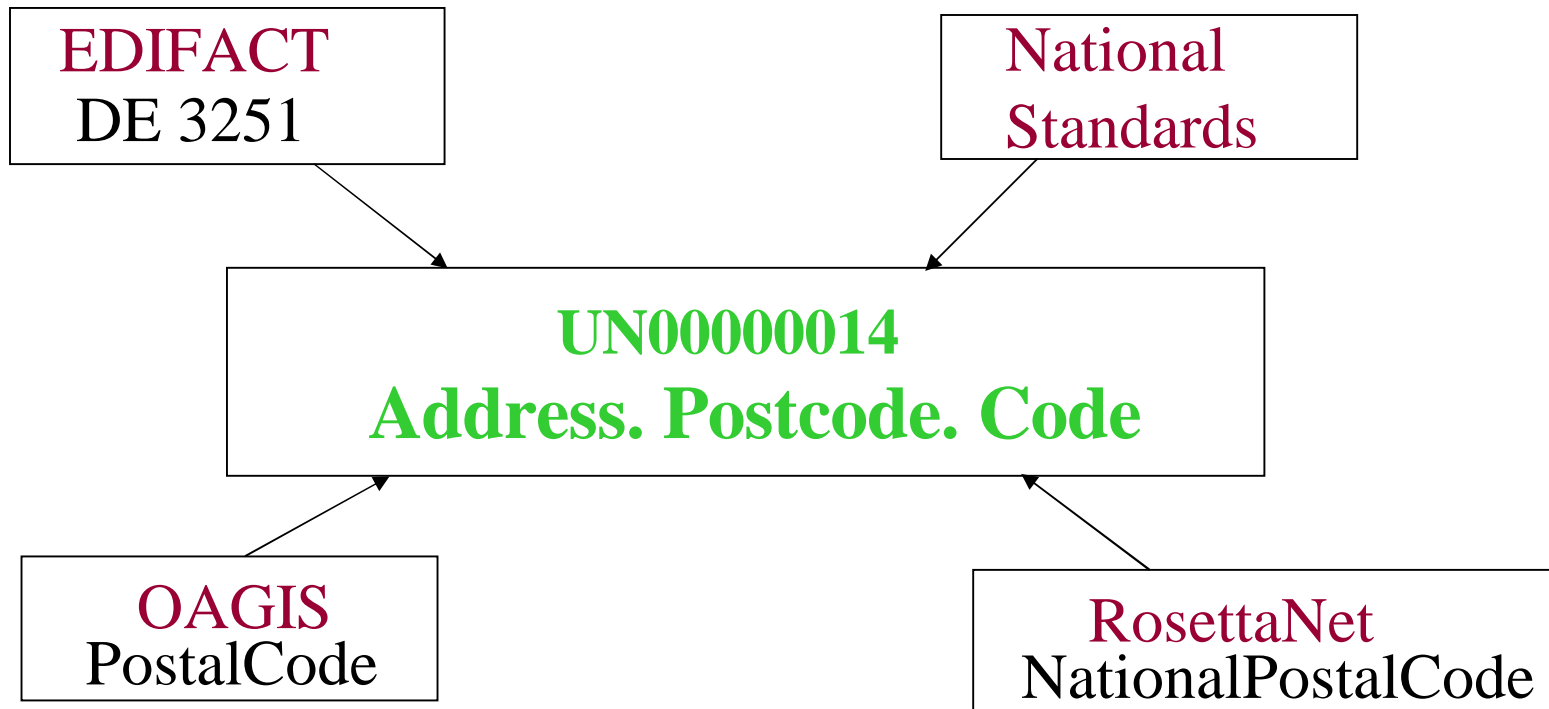




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TBG17 – Why we do it



This is genuine INTEROPERABILITY



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TBG17 – How we do it

- **Submission from TBG or liaison member**
 - BRS and/or RSM and/or Class Diagram

 - Spreadsheet
 - Core Components
 - Business Information Entities
 - Maybe Qualified Data Types

- **An editor performs technical QA**

- **When submission is technically correct, added to work program**

- **The submitter describes the process and reviews the diagrams**



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TBG17 – How we do it

Based on priorities (Submission date/CEFACT Plenary/FMG)

- **TBG17 reviews submitted Core Components**
 - Across submissions when similar business meaning
 - Review each CC for completeness, good definition and name
 - May make changes, with agreement from submitter
 - If any changes made
 - Return submission
 - Submitter (or team) updates BIEs based on TBG17 changes

- **BIEs and qDTs harmonized by TBG17**



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TBG17 – How we do it

- When whole submission is harmonized and approved
 - TBG17 sends to ICG
 - For audit
 - For inclusion in next UN/CEFACT Core Component Library

- If the submitter requests a UN/CEFACT syntax solution, the TBG Project Manager sends the appropriate documents to ATG1 and/or AT G2 for message development.



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CCL Statistics

	CCs	BIEs	qDTs
CCL 06A	475		
CCL 06B	785	1096	19
CCL 07A	944	1532	35
CCL 07B	1051	1874	35
CCL 08A	2191	2984	46
CCL 08B	2532	4468	93
CCL 09A			
TBG1 - eInvoice	7	630	
TBG8	770		
TBG9	99	217	
TBG13	158	245	
IATA	8	30	
RosettaNet	252		
USG	97	163	
Estimated	3923	5753	

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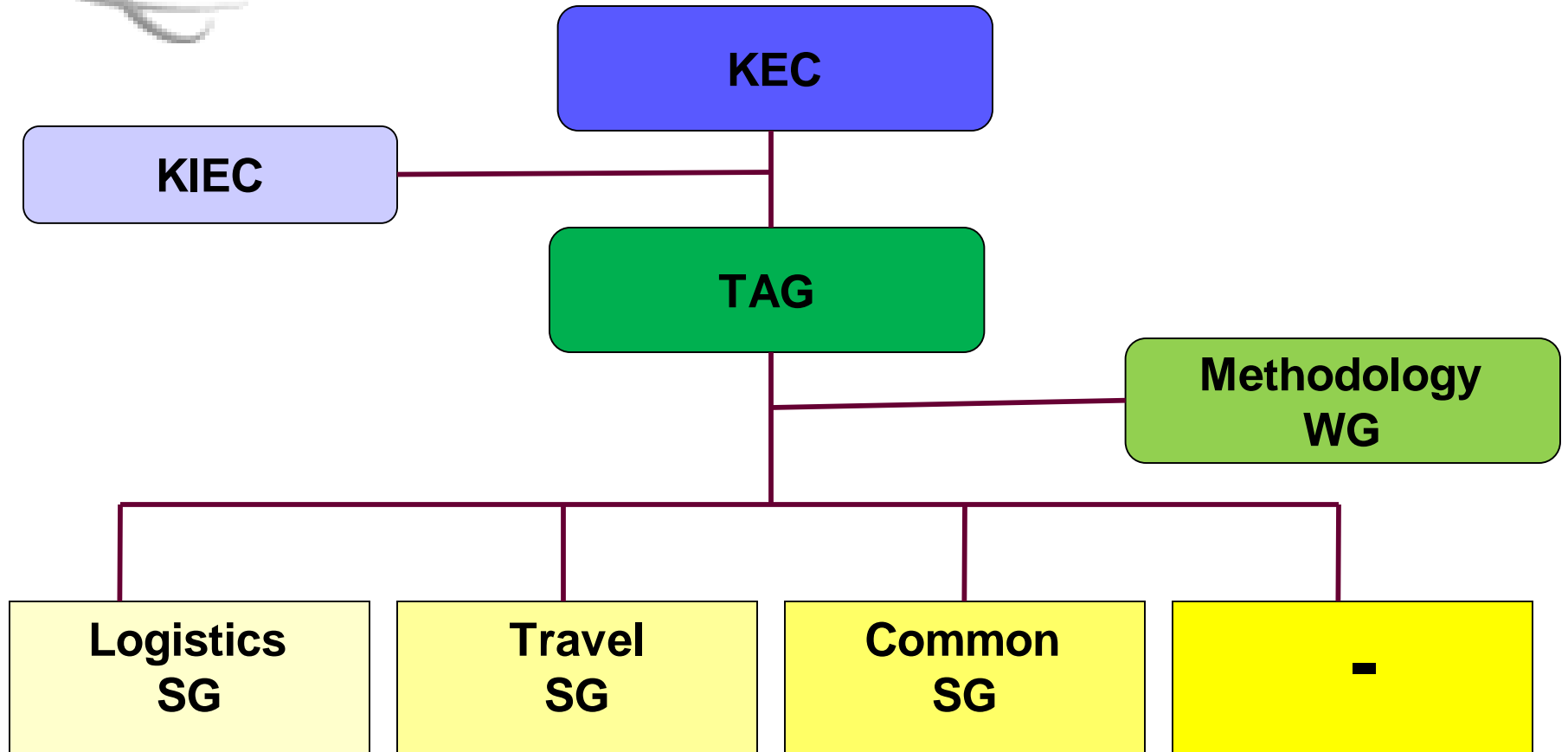
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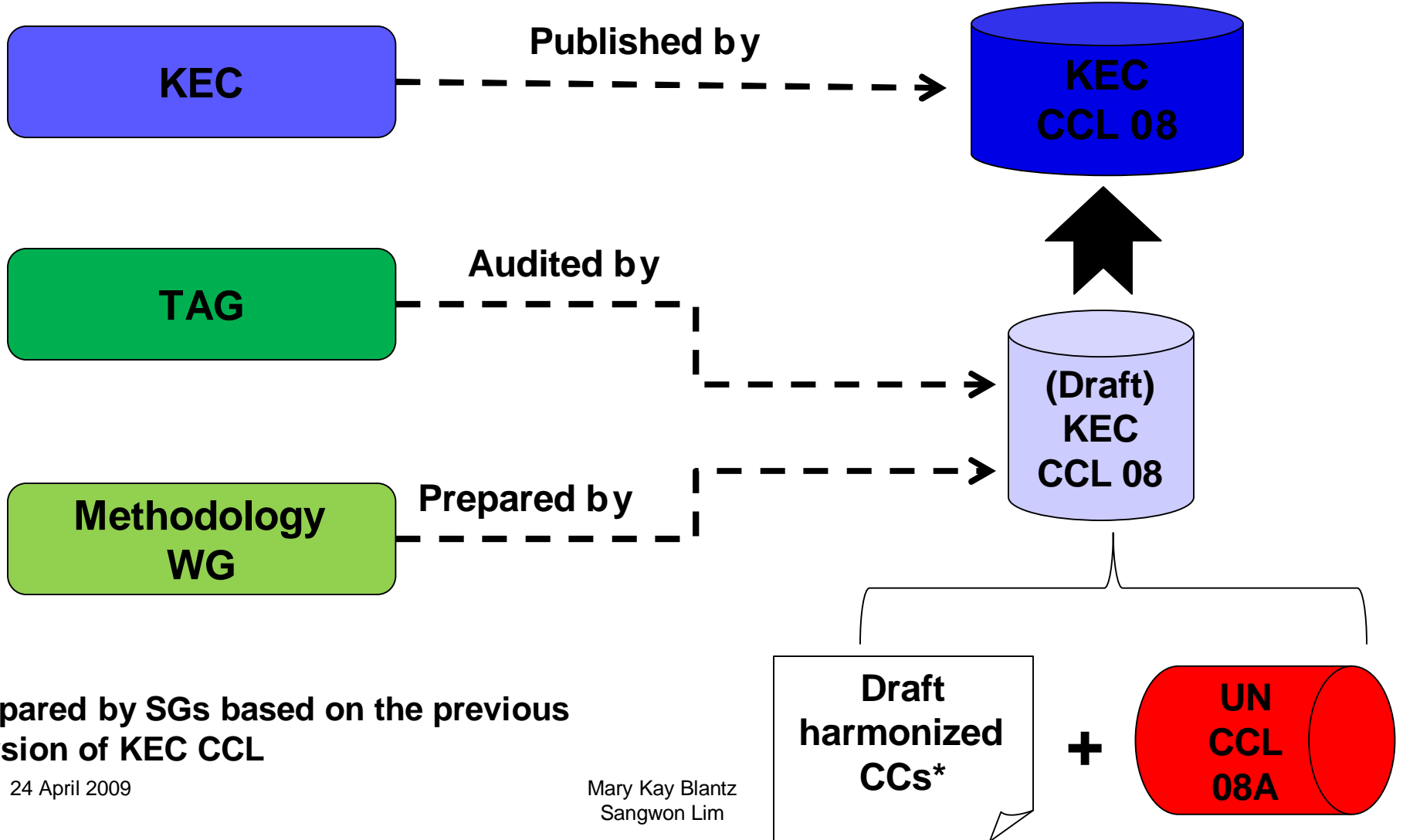
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How CCL is utilized: Korean Case



Korea E-document Standard Committee

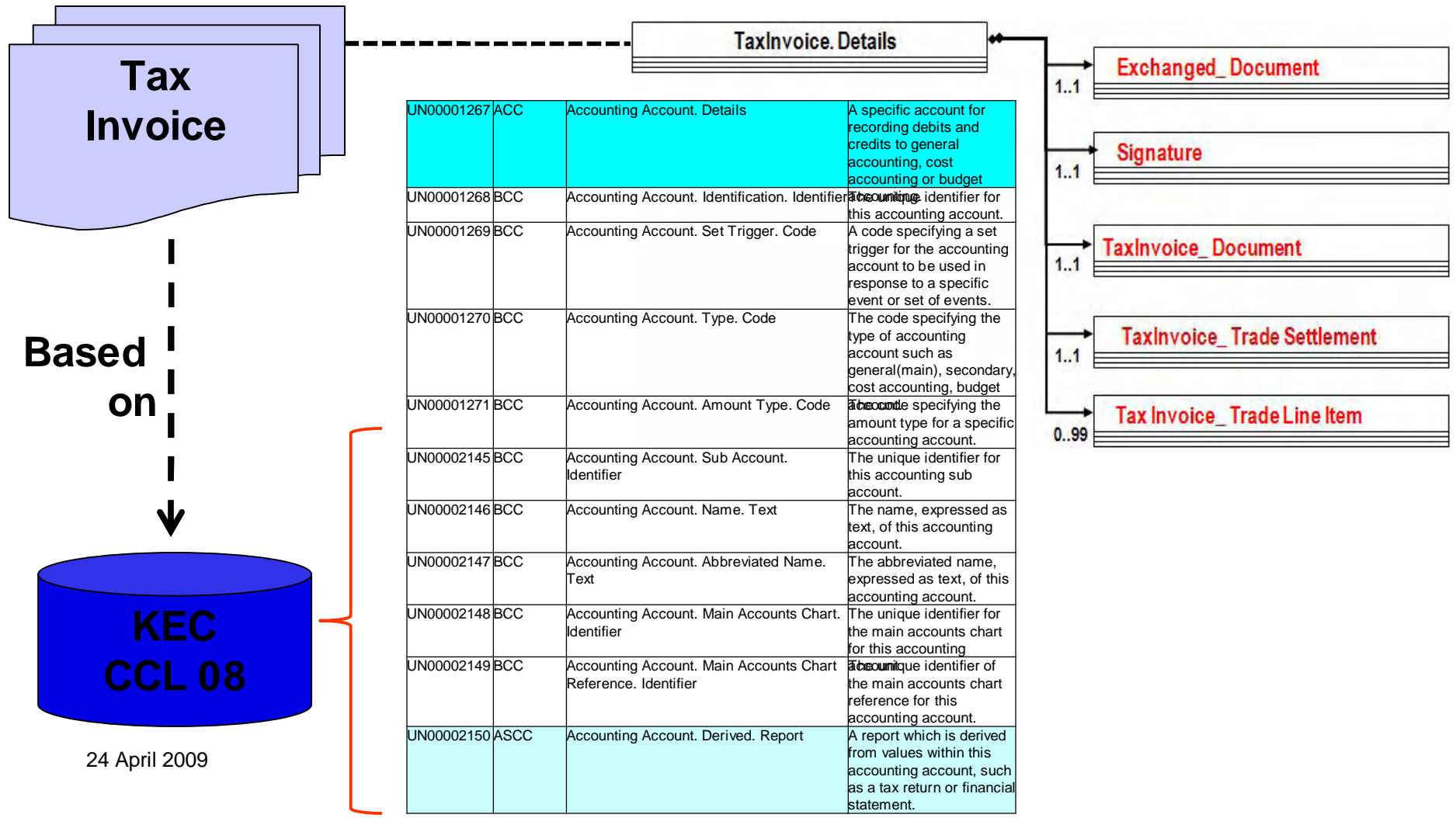




* Prepared by SGs based on the previous version of KEC CCL

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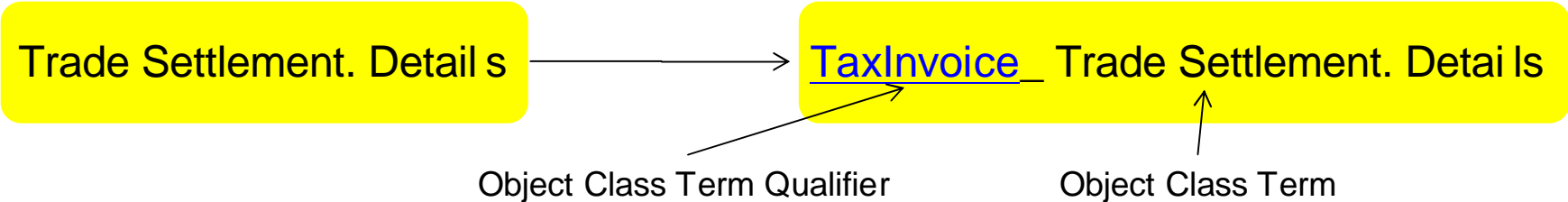
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Search for ABIE => Same or Similar ABIE in KEC CCL08 => Re-use

Exchanged_ Document. Details

**Search for ABIE => No Same or Similar ABIE in KEC CCL08
=> Define New ABIE**



Add ASCC => New ABIE added ———> TaxInvoice_ Trade Settlement. Broker. Party



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TBG17 – What we're doing

Six face-to-face meetings/year

Two at the UN/CEFACT Forums

Mostly joint meetings with other groups

Four interim five-day meetings (Internet also)

February: USA

4 . 8 May: Amsterdam

3 - 7 August: Vienna

6 . 10 October: Tokyo

Three-hour calls almost every week (@35/year)

Tuesdays, at 7 AM Eastern

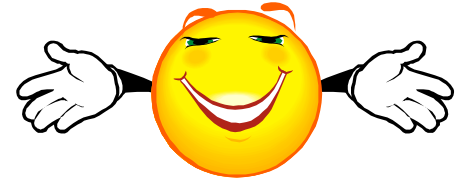


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TBG17 – Please join us!

- We have a lot of work to do
- Every one of you is welcome
- No matter what your area of expertise:



WE NEED YOU!



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Q&A



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