

# Universal Business Language (UBL)

Streamlining Public Procurement with OASIS UBL

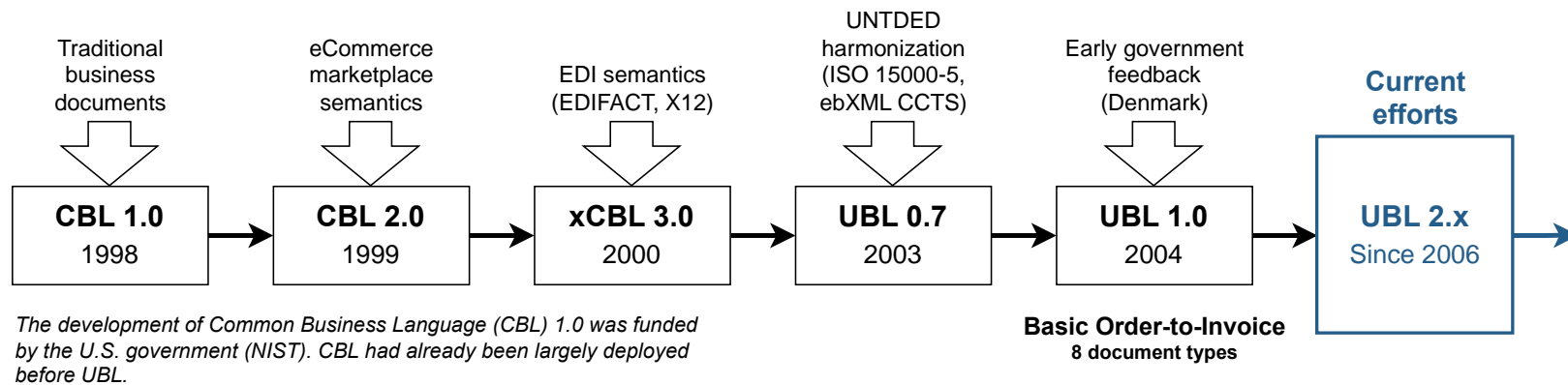
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Chair, OASIS UBL Technical Committee



# Introduction to OASIS UBL (ISO/IEC 19845)

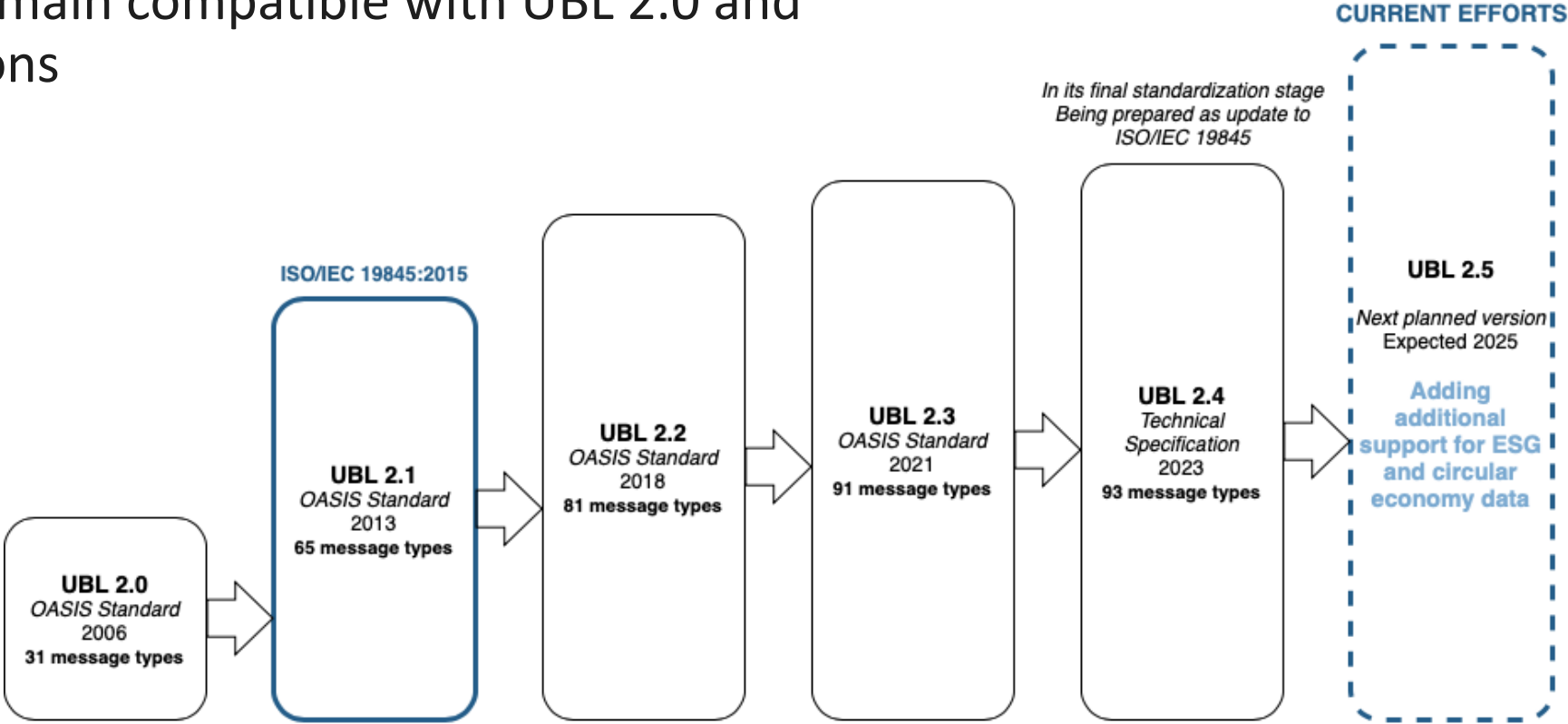
- Royalty-free library of 93 electronic business document standards
  - Supports business processes for tendering and contracting, sourcing, planning and forecasting, transportation and logistics, fulfilment and shipping, ordering, invoicing, billing and many others



- Developed over 25 years in an international, open and collaborative environment

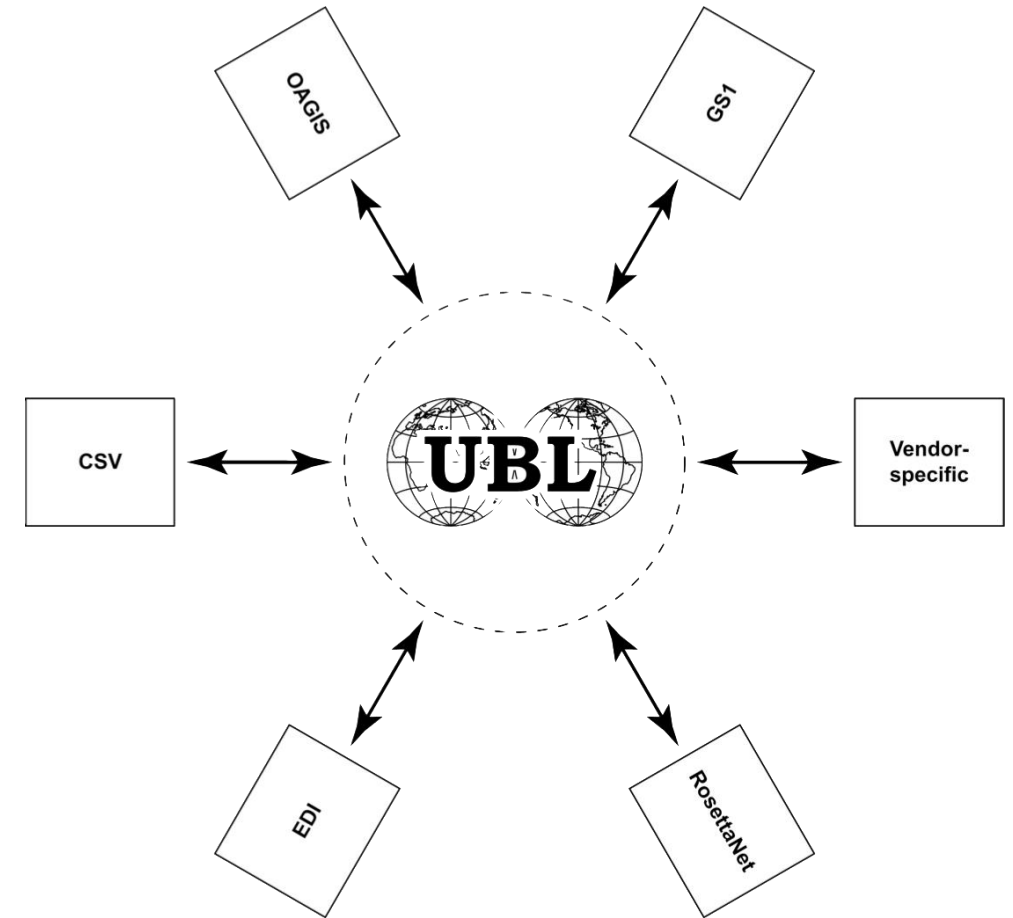
# Evolution of UBL

**Backward Compatibility:** All minor version updates remain compatible with UBL 2.0 and later versions



# The concept of a “hub” format

- UBL semantics map to all common business data formats
- This means that users need support only one kind of conversion: to and from UBL



# UBL 2.4 supports 93 document types

## Sourcing

Catalogue  
Catalogue Deletion  
Catalogue Item Specification Update  
Catalogue Pricing Update  
Catalogue Request  
Quotation  
Request For Quotation

## Planning and forecasting

Exception Criteria  
Exception Notification  
Forecast  
Forecast Revision  
Item Information Request  
Product Activity  
Retail Event  
Stock Availability Report  
Trade Item Location Profile

## Supplementary documents

Application Response  
Attached Document  
Business Card  
Digital Agreement  
Digital Capability  
Document Status  
Document Status Request  
Enquiry  
Enquiry Response

## Tendering and contracting

Awarded Notification  
Business Information  
Call For Tenders  
Contract Award Notice  
Contract Notice  
Expression Of Interest Request  
Expression Of Interest Response  
Guarantee Certificate  
Prior Information Notice  
Qualification Application Request  
Qualification Application Response  
Tender  
Tender Contract  
Tender Receipt  
Tender Status  
Tender Status Request  
Tender Withdrawal  
Tenderer Qualification  
Tenderer Qualification Response  
Unawarded Notification  
Unsubscribe From Procedure Request  
Unsubscribe From Procedure Response

## Fulfilment and shipping

Bill Of Lading  
Certificate Of Origin  
Common Transportation Report  
Export Customs Declaration  
Forwarding Instructions  
Fulfilment Cancellation  
Goods Certificate  
Goods Item Itinerary  
Goods Item Passport  
Import Customs Declaration  
Instruction For Returns  
Inventory Report  
Manifest  
Packing List  
Proof Of Reexportation  
Proof Of Reexportation Reminder  
Proof Of Reexportation Request  
Transit Customs Declaration  
Transport Execution Plan  
Transport Execution Plan Request  
Transport Progress Status  
Transport Progress Status Request  
Transport Service Description  
Transport Service Description Request  
Transportation Status  
Transportation Status Request  
Waybill  
Weight Statement

## Order-to-invoice

Despatch Advice  
Invoice  
Order  
Order Cancellation  
Order Change  
Order Response  
Order Response Simple  
Receipt Advice

## Billing and payment

Credit Note  
Debit Note  
Freight Invoice  
Purchase Receipt  
Reminder  
Remittance Advice  
Self Billed Credit Note  
Self Billed Invoice  
Statement  
Utility Statement

# Library of reusable components

UBL TENDER 2.4		
UBLVersionID	0..1	Identifies the earliest version of the UBL 2 schema for this document type.
CustomizationID	0..1	Identifies a user-defined customization of UBL for a specific use.
ProfileID	0..1	Identifies a user-defined profile of the customization of UBL being used.
ProfileExecutionID	0..1	Identifies an instance of executing a profile, to associate all transactions with a specific use.
ID	1	An identifier for this document, assigned by the sender.
CopyIndicator	0..1	Indicates whether this document is a copy (true) or not (false).
UUID	0..1	A universally unique identifier for an instance of this document.
TenderTypeCode	0..1	A code to specify the type of tender.
ContractFolderID	1	An identifier assigned by the sender, to identify the contract folder.
IssueDate	1	The date, assigned by the sender, on which this document was issued.
IssueTime	0..1	The time, assigned by the sender, at which this document was issued.
ContractName	0..1	Short title of a contract associated with this tender.
Note	0..n	Free-form text pertinent to this document, conveying information that is not contained elsewhere in the document.
ValidityPeriod	0..1	The period for which the tender is valid.
CallForTenderDocumentReference	0..1	A reference to the call for tender document.
DocumentReference	0..n	A reference to another document.
Signature	0..n	A signature applied to this document.
<b>TendererParty</b>	<b>1..n</b>	<b>The primary tenderer.</b>
TendererQualificationDocumentReference	0..1	A reference to the tenderer qualification document.
SubcontractingParty	0..n	A subcontractor or other tenderer.
ContractingParty	0..n	The contracting party.
OriginatorCustomerParty	0..1	The party originating the Tender.
TenderedProject	1..n	A project with which the Tender is associated.

UBL 2.4 PARTY TYPE		
MarkCareIndicator	0..1	An indicator that this party is "care of" (c/o) (true) or not (false).
MarkAttentionIndicator	0..1	An indicator that this party is "for the attention of" (FAO) (true) or not (false).
Website	0..1	The Uniform Resource Identifier (URI) that identifies this party's web site.
LogoReferenceID	0..1	An identifier for this party's logo.
EndpointID	0..1	An identifier for the end point of the routing service (e.g., EAN Location Number).
IndustryClassificationCode	0..1	This party's Industry Classification Code.
PartyIdentification	0..n	An identifier for this party.
PartyName	0..n	A name for this party.
Language	0..1	The language associated with this party.
PostalAddress	0..1	The party's postal address.
PhysicalLocation	0..1	The physical location of this party.
PartyTaxScheme	0..n	A tax scheme applying to this party.
PartyLegalEntity	0..n	A description of this party as a legal entity.
Contact	0..1	The primary contact for this party.
Person	0..n	A person associated with this party.
AgentParty	0..1	A party who acts as an agent for this party.
ServiceProviderParty	0..n	A party providing a service to this party.
PowerOfAttorney	0..n	A power of attorney associated with this party.
PartyAuthorization	0..n	An authorization issued to this party.
FinancialAccount	0..1	The financial account associated with this party.
AdditionalWebSite	0..n	An additional web site associated with this party (e.g. a satellite web site).
SocialMediaProfile	0..n	A social media profile associated with this party.

UBL CERTIFICATE OF ORIGIN 2.4		
UBLVersionID	0..1	Identifies the earliest version of the UBL 2 schema for this document type.
CustomizationID	0..1	Identifies a user-defined customization of UBL for a specific use.
ProfileID	0..1	Identifies a user-defined profile of the customization of UBL being used.
ProfileExecutionID	0..1	Identifies an instance of executing a profile, to associate all transactions with a specific use.
ID	1	An identifier for this document, assigned by the sender.
UUID	0..1	A universally unique identifier for an instance of this document.
IssueDate	0..1	The date, assigned by the sender, on which this document was issued.
IssueTime	0..1	The time, assigned by the sender, at which this document was issued.
Description	0..n	Textual description of the document instance.
Note	0..n	Free-form text pertinent to this document, conveying information that is not contained elsewhere in the document.
VersionID	0..1	Identifies the version of this Certificate of Origin.
Signature	0..n	A signature applied to this document.
<b>ExporterParty</b>	<b>0..1</b>	<b>The Party who makes the export declaration, or the party on whose behalf a Customs Declaration is made.</b>
ImporterParty	0..1	The Party who makes an import declaration, or on whose behalf a Customs Declaration is made.
EndorsementParty	0..n	The Party providing the endorsement.
CertificateOfOriginApplication	1	Details of the application for a Certificate of Origin.
IssuerEndorsement	1	Issuer Endorsement details.
EmbassyEndorsement	0..1	Embassy Endorsement details.
InsuranceEndorsement	0..1	Insurance Endorsement details.

UBL ORDER 2.4		
UBLVersionID	0..1	Identifies the earliest version of the UBL 2 schema for this document type.
CustomizationID	0..1	Identifies a user-defined customization of UBL for a specific use.
ProfileID	0..1	Identifies a user-defined profile of the customization of UBL being used.
ProfileExecutionID	0..1	Identifies an instance of executing a profile, to associate all transactions with a specific use.
ID	1	An identifier for this document, assigned by the sender.
CopyIndicator	0..1	Indicates whether this document is a copy (true) or not (false).
UUID	0..1	A universally unique identifier for an instance of this document.
IssueDate	1	The date, assigned by the sender, on which this document was issued.
IssueTime	0..1	The time, assigned by the sender, at which this document was issued.
OrderTypeCode	0..1	A code signifying the type of Order.
Note	0..n	Free-form text pertinent to this document, conveying information that is not contained elsewhere in the document.
RequestedInvoiceCurrencyCode	0..1	A code signifying the currency requested for amount totals in Invoices related to this Order.
DefaultCurrencyCode	0..1	A code signifying the default currency for this document.
AccountingCurrencyCode	0..1	A code signifying the currency used for all prices in the Order.
CurrencyCode	0..1	A code signifying the currency requested for tax amounts in Invoices related to this Order.
CustomerReference	0..1	A supplementary reference for the Order.
AccountingCostCode	0..1	The buyer's accounting code, applied to the Order as a whole.
AccountingCost	0..1	The buyer's accounting cost centre, applied to the Order as a whole, expressed as a percentage of the total price.
OrderCountNumeric	0..1	The number of Order Lines in the document.
ValidityPeriod	0..n	The period for which the Order is valid.
QuotationDocumentReference	0..1	A reference to a Quotation.
OrderDocumentReference	0..n	A reference to another Order.
OriginatorDocumentReference	0..1	A reference to an originator document associated with this document.
CatalogueReference	0..1	A reference to the Catalogue on which this Order is based.
AdditionalDocumentReference	0..n	A reference to an additional document associated with this document.
Contract	0..n	A contract associated with this Order.
ProjectReference	0..n	A project with which this Order is associated.
Signature	0..n	A signature applied to this document.
BuyerCustomerParty	1	The buyer.
SellerSupplierParty	1	The seller.
OriginatorCustomerParty	0..1	The originator.
<b>FreightForwarderParty</b>	<b>0..1</b>	<b>A freight forwarder or carrier.</b>
AccountingCustomerParty	0..1	The accounting customer party.
Delivery	0..n	A delivery associated with this document.
DeliveryTerms	0..n	A set of delivery terms associated with this document.
PaymentMeans	0..n	Expected means of payment.
PaymentTerms	0..n	A set of payment terms associated with this document.
TransactionConditions	0..1	A specification of purchasing or sales conditions applying to the whole of the Order.
AllowanceCharge	0..n	A discount or charge that applies to a price component.
TaxExchangeRate	0..1	The exchange rate between the document currency and the tax currency.
PricingExchangeRate	0..1	The exchange rate between the document currency and the pricing currency.
PaymentExchangeRate	0..1	The exchange rate between the document currency and the payment currency.
DestinationCountry	0..1	The country of destination (for customs purposes).
TaxTotal	0..n	The total amount of a specific type of tax.
AnticipatedMonetaryTotal	0..1	The total amount for the Order anticipated by the buyer.
OrderLine	1..n	A line associated with a line in the Catalogue and specifying a kind of item.



# Circular Economy: Reusable Data & Efficiency

- Enhancing UBL for sustainability:
  - Adapting to ESG and circular economy for sustainability and compliance readiness.
- Unified ESG Integration:
  - UBL's reusable data components streamlines implementation of ESG and circular elements in existing procurement and supply chain systems.



# Thank you for your attention & stay connected!

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