

Business interoperability interfaces for public procurement in Europe

CEN WS/BII

This presentation aims to highlight the development activities done by CEN/WS BII3 and the gaps identified in relation to the use of UN/CEFACT XML standards for public procurement in Europe.

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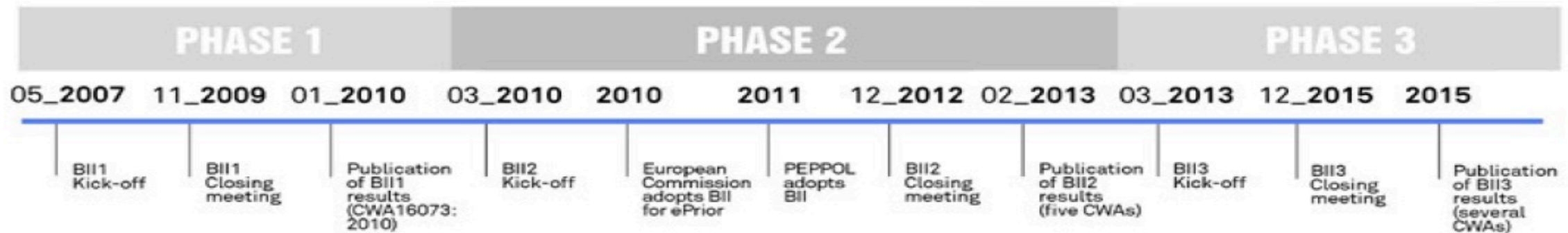
CEN WS/BII3
Vice-chair,
technical
coordination

Topics to be covered

1. Who we are and what we do
2. Our approach and deliverables
3. The gaps identified

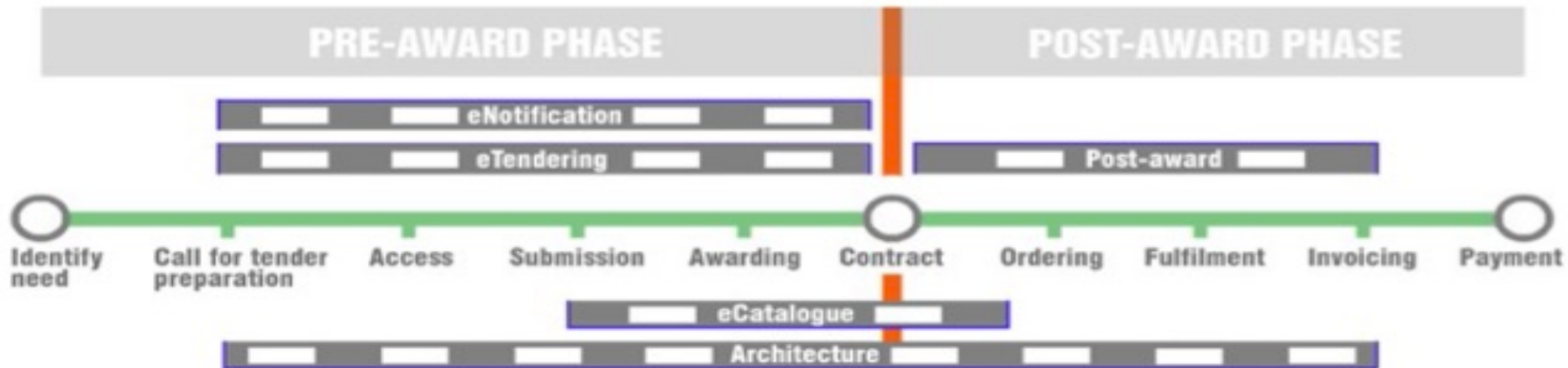
Business Interoperability Interfaces for public procurement in Europe

- BII is a **workshop within CEN**
- BII supports **EU-wide interoperability**: the ability to exchange business information effectively
- Our members are **procurement experts** from EU public and private sectors which contribute to define common requirements



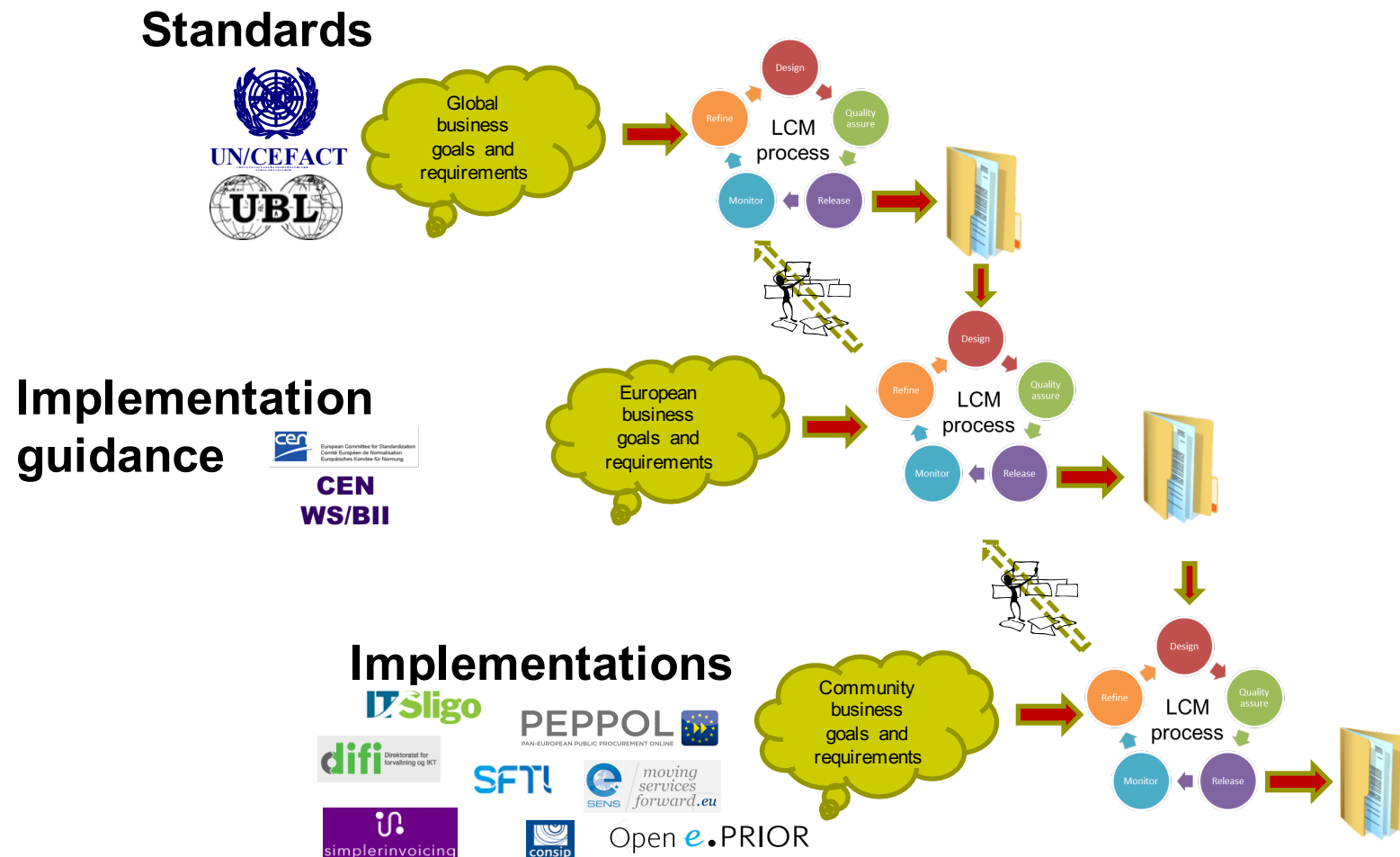
The CEN BII objective

Facilitate interoperability along the whole procurement process

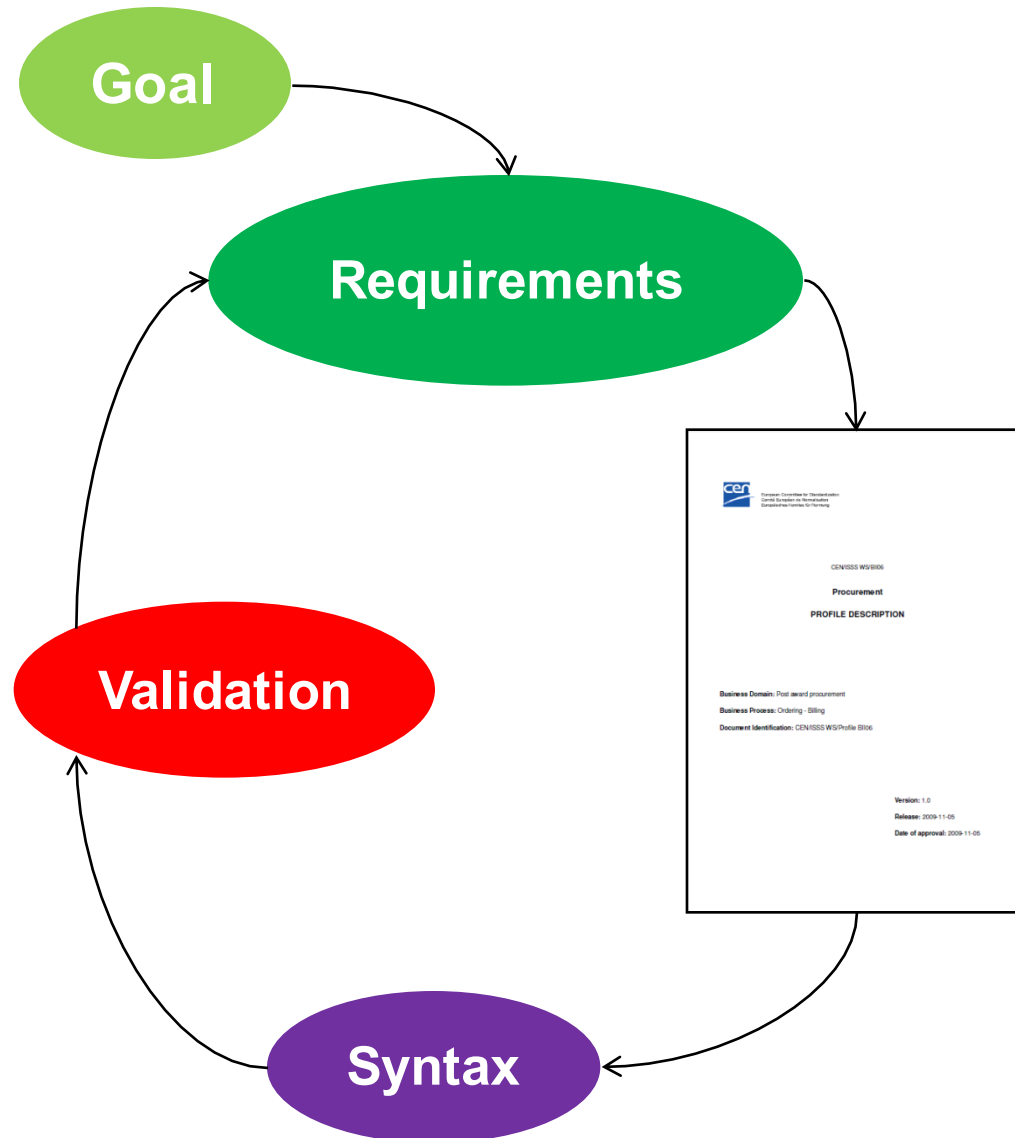


BII guides implementation of standards

- The focus of BII is on collecting European requirements and to **provide guidance for consistent implementation** of existing international standards.



Our Approach to Interoperability



A **Profile** is a technical specification describing:

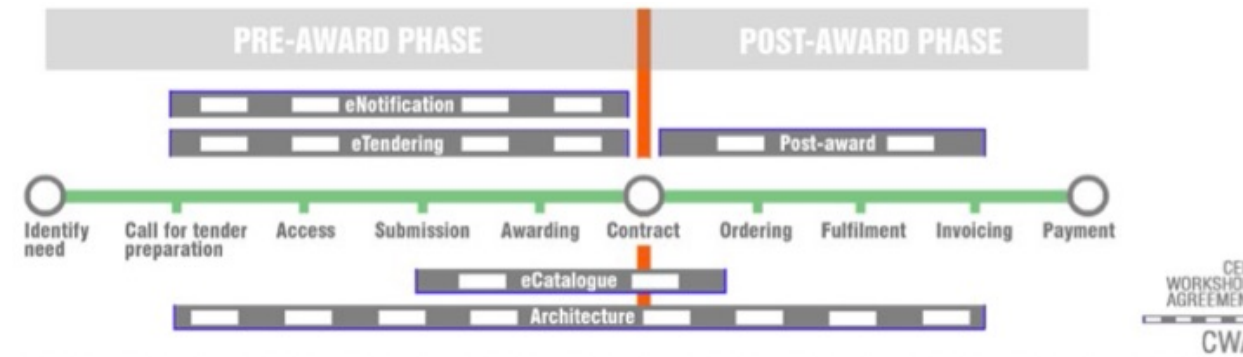
- the **choreography of the business process(es)** covered,
- the **electronic business transactions exchanged** as part of the business process,
- the **business rules** governing the execution of that business process(es), its business collaborations and business transactions, as well as any constraints on information elements used
- the **information content** of the electronic business transactions exchanged, documented in the form of transaction Information Requirement Models based on a common vocabulary of business terms.

Core information requirements

- BII is defining **core** information requirement models
 - *the set of information elements sufficient to cater for the generally expressed business requirements applicable throughout the European market.*
- BII specifications can be implemented as is, but may also be further customized for community use.



BII3 Workshop agreements



| CWA | Title | |
|---------|---------------------------|--|
| 1234-1* | Overview and Architecture | 7 Specifications 9 Guidelines 1 Report |
| 2345-1* | e-Notification Overview | 6 Profiles 10 Information Requirement Models 4 Syntax Implementation Guidelines |
| 3456-1* | e-Tendering Overview | 23 Profiles 32 Information Requirement Models 13 Syntax Implementation Guidelines |
| 4567-1* | e-Catalogue Overview | 6 Profiles 12 Information Requirement Models 19 Syntax Implementation Guidelines 2 Guidelines |
| 5678-1* | Post-award Overview | 11 Profiles 9 Information Requirement Models 16 Syntax Implementation Guidelines 5 Guidelines |

*Dummy reference number

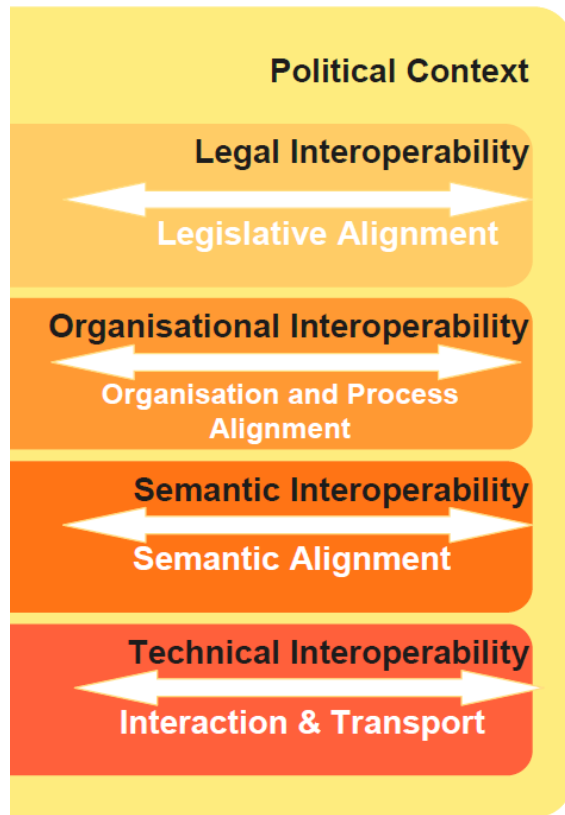
BII deliverables are based on European requirements in public procurement

- The third phase of the BII initiative focused on capturing new (and refining the existing) business requirements.
 - *In the pre-award area the EU directive for public procurement 2014 provided many new requirements.*
 - With the new directive 15 standards forms for notification were updated and 6 new forms were introduced.
 - The directive also introduced a complete new concept for self-declaration, that is the European Single Procurement Document.
 - *Another source for new requirements was the eSENS project, a new EU Large Scale Project.*
 - The eTendering pilot in eSENS has the main objective to proof the system-to-system concept advised by the eTendering expert group (eTEG) in 2012.
 - BII3 catered for eSENS by providing 10 new profiles and at least 15 new transactions. A lot of these new profiles were inspired by the XVergabe standards.

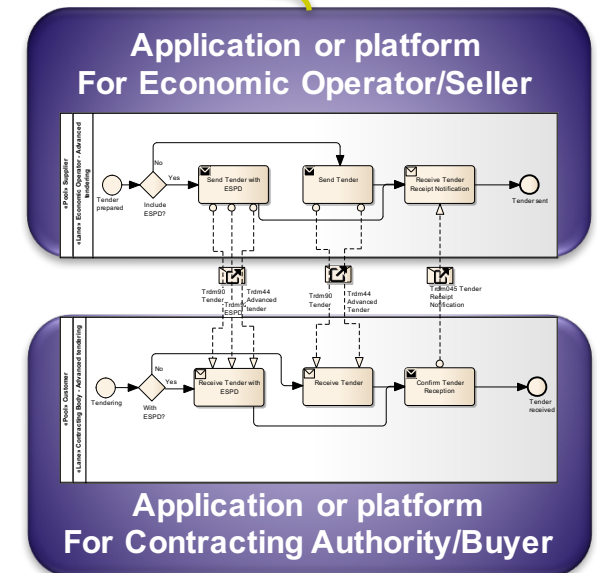
Gaps in UN/CEFACT syntax binding

- During the third phase of the workshop attempts to create a syntax bindings were not successful. Comparing the Information Requirements Models in the BII3 profiles to the UN/CEFACT D11A syntax resulted in major gaps. Even to the point that the syntax is hardly implementable anymore.
- **Therefore the workshop decided not to create syntax bindings for the BII3 pre-award deliverables to the currently known UN/CEFACT standard for notification and tendering.**

BII enables interoperable e-procurements solutions



- **BII Profiles** allow for interoperability at the organizational level.
- **BII Information Requirement Models** allow for interoperability at semantic level.
- **BII syntax binding and validation tools** supports interoperability at technical level.



Your path towards more efficient procurement!

THANK YOU FOR YOUR ATTENTION!

For more information:

<http://www.cenbii.eu/>