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1 Introduction

There are a number of projects and initiatives in eProcurement in Europe tackling different subjects, issues or aspects of modernizing public procurement. Often groups of experts or individuals behind these projects are not aware of similar projects done by colleagues in the same field working in other European countries.

Therefore the eProcurement Forum, the community of eProcurement experts hosted by the ePractice portal, has gathered and analysed the key activities that have an impact on the development of electronic public procurement in Europe.

These efforts resulted in the creation of a dynamic map of these initiatives, which is provided to all the members of the eProcurement Forum and to any other expert interested in it.

The expected effect is to make all the eProcurement stakeholders aware about what is happening in the European scenario and provide a tool for easy identify "who is doing what".

The 'eProcurement Map' serves as a dynamic picture of various projects, initiatives or communities, having different targets, audiences or approaches to eProcurement.

The first version of this map is presented in this document, which will be periodically revised and improved, taking into account the comments and contributions provided by the eProcurement practitioners in Europe.

The document consists of two sections:

- Section 2: Map of the activities, where all the activities have been described providing synthetic information on objectives, approach and contacts
- Section 3: Available studies, proposing a selection of the available results of these activities and of the reference documents produced by the European Commission.

2 Map of European eProcurement activities

This chapter summarises the key current activities concerning electronic public procurement at European level.

The activities have been grouped into five categories: the projects directly funded and performed by the Commission services, the piloting activities, the standardisation activities, the initiatives for creating communities of experts in the eProcurement areas and the research activities funded by the Commission.

For each activity, the following information is provided:

- Acronym and name
- Short description of its objectives
- Contact persons: for privacy reasons, only the ePractice profile (see <http://www.epractice.eu/people>) has been provided whenever existing
- Information of each subproject or working group (if existing): description, contact persons,
- Topics covered by each subproject
- Related activities that are cooperating with it

2.1 Projects and Initiatives supported by the European Commission

2.1.1 Evaluation of eProcurement uptake

Objective/Mission: To evaluate the uptake of eProcurement especially with regards to the progress achieved under the 2004 Action Plan

Sponsors or responsible organisations: DG-MARKT, DG-ENTR

Contacts: J.Ferger (<http://www.epractice.eu/people/284>)

Dates (start, end): Q1 2008 - Q2 2009

Approach: evaluation

Topics/phases: eNoticing, eTendering, eAwarding, eOrdering, eInvoicing, eCatalogue, eAttestation, eSignature, national eProcurement plans

More information: <http://www.epractice.eu/node/284989>

2.1.2 eInvoicing Expert Group

Objective/Mission: Commission Expert Group on eInvoicing with a mandate to propose the EEI Framework.

Sponsors or responsible organisations: DG-MARKT, DG-ENTR

Contacts: B.Harald (<http://www.epractice.eu/people/14751>)

Dates (start, end): Q1 2008 – Q4 2009

More information: http://ec.europa.eu/enterprise/ict/policy/einvoicing/einvoicing_en.htm

Sub-projects

ST 1- Regulatory Framework stream

Approach: legislation revision

Topics/phases: eInvoicing

ST2 - Business Requirements stream

Approach: standardisation

Topics/phases: eInvoicing

ST3-Networks and standards stream

Approach: infrastructure/tools

Topics/phases: eInvoicing

2.1.3 ESSI

Objective/Mission: To provide the ESSI PKI services and the ESSI Application Platform to be used by the ESSI stakeholders

Sponsors or responsible organisations: DIGIT

Contacts: P.Schneider

Approach: infrastructure/tools

Topics/phases: eSignature

Cooperation with: European Federated Validation Service

2.1.4 European Federated Validation Service

Objective/Mission: Evaluation of a federated validation service acting as an intermediate trust infrastructure between the PKIs of Europe's national public administrations

Sponsors or responsible organisations: IDABC

Contacts: J. Stienen (<http://www.epractice.eu/people/7828>)

Dates (start, end): Q3 2008 - Q3 2009

Approach: Infrastructure/tools

Topics/phases: eSignature

Cooperation with: ESSI

More information: <http://ec.europa.eu/idabc/en/document/2318/5927>
<http://www.epractice.eu/cases/bgca>

2.1.5 Fiscalis

Objective/Mission: EU Commission initiative to share good practices across Member State tax administrations.

Sponsors or responsible organisations: DG-TAXUD

Contact: D. Boubilil

Sub-projects

Activity "audit of eInvoicing"

Description: Producing of audit standards (guidance paper), training standards, audit facilitation and practical compliance

Contacts: Joost Kuipers (<http://www.epractice.eu/people/15759>)

Website: <http://www.e-invoice-gateway.net/knowledgebase/eInvoiceBestPractice/>

Approach: standardisation

Topics/phases: eInvoicing

Cooperation with: CEN/ISSS Workshop on eInvoicing Phase 2, ePrior - eInvoicing and eOrdering Pilot ,eInvoicing Expert Group - ST 1- Regulatory Framework stream

2.1.6 IDABC eProcurement Demonstrators & helpdesk

Objective/Mission: Demonstrators to help software editors and CAs in Europe to develop eProcurement systems in line with the EU legislative framework

Sponsors or responsible organisations: IDABC

Contacts: Z.Mazanova (<http://www.epractice.eu/people/zuzana>)

Helpdesk (<http://www.epractice.eu/people/14663>)

Dates (start, end): Q1 2005

Approach: guidance

Topics/phases: eNoticing, eTendering

More information: <http://www.epractice.eu/node/276758>

2.2 Pilots

2.2.1 ePrior - eInvoicing and eOrdering Pilot

Objective/Mission: To produce business requirements for eInvoicing systems in a public procurement context and cross-border environment and set up an eInvoicing and eOrdering pilot to be used by DIGIT and some of its suppliers.

Description: Set up a prototype and run a number of pilots with suppliers to get real-life experience with e-Invoicing and e-Ordering; the RUP@EC methodology is applied

Sponsors or responsible organisations: DIGIT, DG-MARKT, funded by IDABC

Contacts: A. Tosetti, head of unit DIGIT, overall project owner

D. Thunus (<http://www.epractice.eu/people/15626>)

P. Breyne (<http://www.epractice.eu/people/12256>)

Dates (start, end): Q2 2007 – Q4 2009

Approach: Pilot

Topics/phases: eInvoicing, eOrdering

Cooperation with: PEPPOL WP5- eInvoicing, WP4 –eOrdering, WP8- Solutions architecture, design and validation, CEN/ISSS Workshop on eInvoicing Phase 2, eInvoicing Expert Group, CEN/ISSS BII - Workshop on 'Business Interoperability Interfaces on public procurement in Europe' - WG1 - Message content and business processes

More information: <http://www.epractice.eu/node/276914>

2.2.2 PEPPOL - Pan-European Public Procurement Online

Objective/Mission: Large scale pilot to set up integrated solutions for cross border eProcurement

Sponsors or responsible organisations: DG-INFOS (CIP ICT/PSP programme)

Contacts: Coordinator: Norwegian Agency for Public Management and eGovernment

Dates (start, end): Q2 2008

Sub-projects

WP1- eSignature

Description: Guidelines, specifications and pilot solutions to overcome the lack of interoperability between the different national schemes for electronically signing tender documents

Contacts: Dr. M. Hagen (<http://www.epractice.eu/people/5417>)

Approach: pilot

Topics/phases: eSignature

Cooperation with: PROCURE

WP2- Virtual Company Dossier

Description: Interoperable solutions for economic operators in any European country to submit certificates and attestations electronically to any procurement agency

Contacts: M.Wimmer University of Koblenz (<http://www.epractice.eu/people/7317>)

A. Mondorf (<http://www.epractice.eu/people/11712>)

Approach: pilot

Topics/phases: eAttestation

Cooperation with: BRITE

WP3 – eCatalogue

Description: Interoperable solutions to manage eCatalogues used as part of a bid and for issuing orders in European Public eProcurement procedures

Contacts: G.De Stefano - CONSIP (<http://www.epractice.eu/people/12322>)

Approach: pilot

Topics/phases: eCatalogue

Cooperation with: CEN/ISSS BII - Workshop on 'Business Interoperability Interfaces on public procurement in Europe'

WP4 –eOrdering

Description: Benchmark of available solutions and implementation of pilot arrangements on the data and process level for the exchange of eOrdering documents

Contacts: S. Krammer (<http://www.epractice.eu/people/14289>)

Approach: pilot

Topics/phases: eOrdering

Cooperation with: CEN/ISSS BII - Workshop on 'Business Interoperability Interfaces on public procurement in Europe', eInvoicing and eOrdering Pilot

WP5- eInvoicing

Description: Benchmark existing eInvoicing solutions and implementation of pilot arrangements on the data and process level for the exchange of eInvoicing documents

Contacts: K. Pedersen - Danish National IT and Telecom Agency (<http://www.epractice.eu/people/KlausVilstrupPederse>)

Approach: pilot

Topics/phases: eInvoicing

Cooperation with: eInvoicing and eOrdering Pilot, CEN/ISSS BII - Workshop on 'Business Interoperability Interfaces on public procurement in Europe', eInvoicing Expert Group

WP6-Project Management

Description: Project Management

Contacts: A. Hoddevik (<http://www.epractice.eu/people/854>)

Approach: pilot

Topics/phases: Management of the Project

WP7- Consensus and awareness building

Description: Dissemination and consensus building around the project's achievements

Contacts: P. Sonntagbauer (<http://www.epractice.eu/people/Sonntagbauer>)

M. Bodiroza (<http://www.epractice.eu/people/11710>)

Approach: dissemination/cooperation set-up

Topics/phases: eNoticing, eTendering, eAwarding, eOrdering, eInvoicing

WP8- Solutions architecture, design and validation

Description: Design and validation of the common specifications and building blocks which together will define the technical interoperability layer required to provide an operational e-business infrastructure

Contacts: M. H. Brun (<http://www.epractice.eu/people/1316>)

Approach: Infrastructure/tools

Topics/phases: eNoticing, eTendering, eAwarding, eOrdering, eInvoicing

2.2.3 PROCURE

Objective/Mission: Adapt the Burgundy region solution to enable its usage in other European countries by conducting several pilots

Sponsors or responsible organisations: Burgundy Regional Council

Contacts: L.F. Fleri (<http://www.epractice.eu/people/12246>)

Dates (start, end): Q4 2007 – Q1 2009

Approach: pilot

Topics/phases: eTendering, eAwarding, eOrdering, eInvoicing

More information: www.eten-procure.com

2.3 Standardisation

2.3.1 CEN/ISSS BII - Workshop on 'Business Interoperability Interfaces on public procurement in Europe'

Objective/Mission: To provide a basic framework for technical interoperability in pan-European electronic transactions, expressed as a set of technical specifications

Sponsors or responsible organisations: CEN/ISSS

Contacts: P. Borresen (<http://www.epractice.eu/people/11729>)

P. Sonntagbauer (<http://www.epractice.eu/people/Sonntagbauer>)

More information: <http://www.ds.dk/en-GB/Sectors/ICT/Bii/Sider/default.aspx>

Sub-projects

WG1 - Message content and business processes

Description: To review the NES specifications and the CODICE documents/components to produce a "Common European Procurement Subset"

Contacts: J. Frømyr (<http://www.epractice.eu/people/12164>)

Approach: standardisation

Topics/phases: eNoticing, eTendering, eAwarding, eOrdering, eInvoicing

WG2 - UBL-UN/CEFACT convergence

Description: To ensure that the requirements of the workshop are met by the unified business documents from UN/CEFACT

Contacts: M. Forsberg - ECRU consulting

Approach: standardisation

Topics/phases: eNoticing, eTendering, eAwarding, eOrdering, eInvoicing

WG3 - Provision of a toolbox

Description: To identify collection of tools for adopting the tech specification and ensure interoperability

Contacts: J. L. Cueva Calabia (<http://www.epractice.eu/people/joseluiscueva>)

Approach: infrastructure/tools

Topics/phases: eNoticing, eTendering, eAwarding, eOrdering, eInvoicing

Cooperation with: OASIS TC/UBL - The Universal Business Language

WG4- Pilot support

Description: To coordinate and support pilot projects on electronic procurement

Contacts: M. Christensen - Logica

Approach: dissemination/cooperation set-up

Topics/phases: eNoticing, eTendering, eAwarding, eOrdering, eInvoicing

2.3.2 CEN/ISSS eBES - Workshop on The e-business Board for European Standardization

Objective/Mission: To define the guidelines for the implementation of electronic business through the use of modelling and XML based on the work of ebXML and taking into account the work done in UN/CEFACT

Sponsors or responsible organisations: CEN/ISSS

Contacts: K. Ginty (<http://www.epractice.eu/people/4922>)

B. Longhi (<http://www.epractice.eu/people/2612>)

A. Dechamps (<http://www.epractice.eu/people/11577>)

Dates (start, end): Q2 2006

More information: <http://www.cen.eu/sh/ebes>

Sub-projects

EEG1/TBG1 Supply-chain and eProcurement

Description: Cross-industry processes and transactions: eInvoicing, eOrdering, eCatalogues among others

Contacts: M. El-Khoury (<http://www.epractice.eu/people/12948>)

Website:

<http://www.cen.eu/cenorm/businessdomains/businessdomains/iss/activity/eeg1.asp>

Approach: standardisation

Topics/phases: eOrdering, eInvoicing, eCatalogue

EEG5/TBG6 Architecture, Engineering and Construction

Description: eTendering Business Process Modelling

Approach: standardisation

Topics/phases: eTendering

EEG13/TBG19 eGov (eNoticing)

Description: to identify and formally define XML messages that can be used also at national levels, compliant with the Commission Regulation but also with UN/CEFACT and CEN

Contacts: D. Hardy (<http://www.epractice.eu/people/3186>)

Website: <http://www.cen.eu/cenorm/businessdomains/businessdomains/iss/activity/e-gov.asp>

Approach: standardisation

Topics/phases: eNoticing

EEG13/TBG19 eGov (eArchiving)

Description: to define processes and formats for the transfer of electronic records

Contacts: S. Colas (<http://www.epractice.eu/people/12307>)

Website: <http://www.cen.eu/cenorm/businessdomains/businessdomains/iss/activity/e-gov.asp>

Approach: standardisation

Topics/phases: eArchiving

2.3.3 CEN/ISSS eBIF - European e-Business Interoperability Forum

Objective/Mission: Produce strategic recommendations on standardization activities required to achieve interoperability solutions for eBusiness

Sponsors or responsible organisations: CEN/ISSS

Contacts: P. Potgieser (<http://www.epractice.eu/people/12301>)

Dates (start, end): Q1 2008 – Q4 2009

Approach: standardisation

Topics/phases: eTendering eAwarding eOrdering eInvoicing eCatalogue

Cooperation with: eInvoicing Expert Group - ST2 - Business Requirements stream

More information:

<http://www.cen.eu/CENORM/businessdomains/businessdomains/iss/activity/ebif.asp>

2.3.4 CEN/ISSS - Workshop on eInvoicing Phase 2

Objective/Mission: To stimulate further standardization work in the domain of electronic invoices in Europe

Sponsors or responsible organisations: CEN/ISSS

Contacts: S.Engel-Flechsigt -Legal Counsel, A. Grangard - GS1

Dates (start, end): Q1 2007

Cooperation with: ETSI TC/ESI, CEN/ISSS eBES - Workshop on The e-business Board for European Standardization - TBG1 Supply-chain and eProcurement, CEN/ISSS ePPE - Implementation of electronic public procurement in Europe

More information: www.cen.eu/iss/einv/ , <http://www.e-invoice-gateway.net/>

Sub-projects

Group 1: adoption of eInvoicing

Description: enhanced adoption of electronic invoicing in business processes in Europe

Contacts: G. Lindsberger

Approach: standardisation

Topics/phases: eInvoicing

Group 2: compliance with EU and National legislation

Description: the compliance of electronic invoice implementations with Council Directive 2001/115/EC and the national legislation as regards electronic invoices

Contacts: J. Kuipers (<http://www.epractice.eu/people/15759>)

Approach: legislation

Topics/phases: eInvoicing

Group 3: Authentication and Integrity

Description: the cost-effective authentication and integrity of electronic invoices regardless of formats and technologies

Contacts: J. Borendal

Topics/phases: eInvoicing

Group 4: technologies and business processes

Description: the effective implementation of compliant electronic invoice systems in using emerging technologies and business processes

Approach: Infrastructure/tools

Topics/phases: eInvoicing

Group 5: Network infrastructure

Description: the emerging network infrastructure of invoice operators throughout Europe.

Contacts: J. Häkämies

Approach: Infrastructure/tools

Topics/phases: eInvoicing

2.3.5 CEN/ISSS ePPE - Implementation of electronic public procurement in Europe

Objective/Mission: Interoperability in the implementation of electronic public procurement in Europe

Sponsors or responsible organisations: CEN/ISSS

Approach: standardisation

Cooperation with: CEN/ISSS - Workshop on eInvoicing Phase 2

2.3.6 ETSI TC/ESI

Objective/Mission: TC ESI is responsible for Electronic Signatures and Infrastructures standardization within ETSI.

Sponsors or responsible organisations: ETSI

Contacts: C. Rizzo, ESIsupport@etsi.org

Approach: standardisation

Topics/phases: eSignature

Cooperation with: CEN/ISSS - Workshop on eInvoicing Phase 2

More information: <http://portal.etsi.org/esi/el-sign.asp>

2.3.7 NES/UBL - Northern European Subset

Objective/Mission: A cooperation among a group of European countries and organizations to facilitate the electronic coop. in the procurement chain, based on available international standards (mainly, UBL)

Sponsors or responsible organisations: NES consortium

Contacts: J. Fromyr - EDISYS

Approach: standardisation

Topics/phases: eTendering, eOrdering, eInvoicing, ePayment, eCatalogue

More information: <http://www.nesubl.eu/>

2.3.8 OASIS TC/UBL - The Universal Business Language

Objective/Mission: UBL, the Universal Business Language, is the product of an international effort to define a royalty-free library of standard electronic XML business documents such as purchase orders and invoices

Sponsors or responsible organisations: OASIS

Contacts: J. Bosak, T. McGrath (<http://www.epractice.eu/people/12041>), Z. Rendon, J. Bryce Clark, OASIS Staff Contact

Dates (start, end): Q1 2001

Approach: standardisation

Topics/phases: eTendering eOrdering eInvoicing ePayment eCatalogue

Cooperation with: CEN/ISSS BII - Workshop on 'Business Interoperability Interfaces on public procurement in Europe'

More information: http://www.oasis-open.org/committees/tc_home.php?wg_abbrev=ubl

2.3.9 UN/CEFACT - United Nations Centre for Trade Facilitation and Electronic Business

Objective/Mission: To encourages close collaboration between governments and private business to secure the interoperability for the exchange of information within the public and private sectors as well as between them

Sponsors or responsible organisations: UNECE

Contacts: M. Doran, A. Grangard (<http://www.epractice.eu/people/13432>)

Approach: standardisation

More information: <http://www.unece.org/cefact/>

Sub-projects

TBG1 - Supply Chain

Description: cross-industry eInvoicing and eOrdering schemas

Contacts: Coen Janssen, GS1 Netherlands

Topics/phases: eOrdering, eInvoicing

Cooperation with: OASIS TC/UBL - The Universal Business Language, TBG19 – eGovernment, CEN/ISSS eBES - Workshop on The e-business Board for European Standardization

TBG6 - Construction

Description: elaboration of eTendering schemas

Topics/phases: eTendering

Cooperation with: TBG19 – eGovernment, CEN/ISSS eBES - Workshop on The e-business Board for European Standardization

TBG19 - eGovernment

Contacts: J.P. Henninot (<http://www.epractice.eu/people/12648>)

S. Colas (<http://www.epractice.eu/people/12307>)

2.4 Communities and networks

2.4.1 eProcurement Forum

Objective/Mission: Community of practitioners for the exchange of eProcurement knowledge and experience

Sponsors or responsible organisations: IDABC

Contacts: E.Castrillejo (<http://www.epractice.eu/people/emilio>)

Dates (start, end): Q1 2008

Approach: dissemination/cooperation set-up

Topics/phases: eNoticing, eTendering, eAwarding, eOrdering, eInvoicing

More information: <http://epractice.eu/community/eprocurement>

2.4.2 EULab - European Public Procurement Learning Lab

Objective/Mission: To compare the activities and to share useful knowledge among the European procurement agencies

Sponsors or responsible organisations: Consip - Italy

Contacts: G.L.Albano (<http://www.epractice.eu/people/12471>)

Dates (start, end): Q4 2003

Approach: dissemination/cooperation set-up

Topics/phases: eNoticing, eTendering, eAwarding, eOrdering, eInvoicing

More information: <http://www.consip.it/on-line/Home/Studieprogetti/Progetti/Eulab.html>

2.5 Research activities funded by the Commission

2.5.1 BRITE

Objective/Mission: Creation of the "Brite Common Business Dossier":an electronic document package carrying the certificates and attestations required in the European eProcurement

Sponsors or responsible organisations: European Business Register - Belgium

Contacts: V. Gianella (<http://www.epractice.eu/people/136>)

Dates (start, end): Q1 2006

More information: <http://www.epractice.eu/cases/BriteCBD>

Sub-projects

Service Case 3: Support for eProcurement Take-up

Description: Enabling business registers to interoperate with entities in other domains to facilitate the implementation of an important priority of the Lisbon Action Plan.

Approach: Infrastructure/tools

Topics/phases: eAttestation

Contacts: P. Milani (<http://www.epractice.eu/people/1169>)

Cooperation with: PEPPOL WP2- Virtual Company Dossier

3 Reference studies

This section contains a selection of reports produced by the initiatives listed above plus key reference documents produced by the European Commission.

For each study, the following information is provided:

- Document name
- Author or main responsible
- Summary of the content
- Link for downloading

A complete list of documents relevant for the eProcurement and related topics is available at <http://epractice.eu/eprocurement>

In addition, IDABC edits a CD ROM which includes these reference studies, the eProcurement Demonstrators and other selected content. A free copy can be requested at eprocurement@epractice.eu.

An exhaustive list of documents with legal relevance is available at the DG Internal Market and Services website: http://ec.europa.eu/internal_market/publicprocurement/e-procurement_en.htm

3.1.1 Analysis of Business Requirements for eInvoicing

Date: March 2009

Produced by: ePrior-eInvoicing and eOrdering Pilot

Description: The report is one of the deliverables of the IDABC eInvoicing & eOrdering pilot project; it contains the results of the business requirements gathering process for eInvoicing in a public procurement context.

Download: <http://epractice.eu/en/library/288906>

3.1.2 Mid-term report of the Expert Group on eInvoicing

Date: January 2009

Produced by: eInvoicing Expert Group

Description: This mid-term report outlines the progress made during the first year of the mandate of the Expert Group on eInvoicing

Download: <http://epractice.eu/en/library/281899>

3.1.3 eSignature Action Plan

Date: November 2008

Produced by: DG-MARKT

Description: Action Plan on e-signatures and e-identification to facilitate the provision of crossborder public services in the Single Market

Download: <http://www.epractice.eu/node/281876>

3.1.4 Commission survey on uptake of eProcurement

Date: October 2008

Produced by: DG-MARKT

Description: Commission launches survey to assess up-take and experience of practitioners

Download: <http://www.epractice.eu/node/284989>

3.1.5 Preliminary Study on eCertificates and eAttestations - Final Report and National Country Profiles

Date: September 2008

Produced by: DG-MARKT

Description: The goal of the study is to identify if and how electronic certificates and attestations are currently issued, accepted and validated in public procurement procedures across the EU and EEA. The report consists of two volumes: Volume 1-Country reports Volume 2-Final Report

Remarks: study funded by IDABC

Download: <http://www.epractice.eu/node/281843>

3.1.6 eInvoice Best practice

Date: July 2008

Produced by: CEN/ISSS - Workshop on eInvoicing Phase 2

Description: Guidelines (Excel file) and Commentary - Draft version

Remarks: With cooperation of Fiscalis

Download: <http://www.epractice.eu/node/281857>

3.1.7 1st status report of the Expert Group on e-Invoicing

Date: January 2008

Produced by: eInvoicing Expert Group

Description: Status report from the Expert Group on eInvoicing

Download: <http://www.epractice.eu/node/281818>

3.1.8 Factsheet of PEPPOL – eProcurement pilot project

Date: May 2008

Produced by: PEPPOL

Description: a description of the objectives, structure and expected impacts of this pilot project named PEPPOL.

Remarks:

Download: <http://www.epractice.eu/node/281809>

3.1.9 Electronic Catalogues in Electronic Public Procurement- Final Report

Date: November 2007

Produced by: DG-MARKT

Description: The study consists of 3 volumes:

Volume I – eCatalogues: Report on the state of play;

Volume II - eCatalogues: Report on standardisation activities;

Volume III – eCatalogues: Report on preliminary functional requirements.

Remarks: study funded by IDABC

Download: <http://www.epractice.eu/node/281801>

3.1.10 New Common Procurement Vocabulary

Date: November 2007

Produced by: DG-MARKT

Description: New version of Common Procurement Vocabulary (CPV) used to describe the subject of procurement contracts.

Download: <http://www.epractice.eu/node/281871>

3.1.11 Compliance verification

Date: October 2007

Produced by: DG-MARKT

Description: Report of a study for the identification, analysis and comparison of optimum mechanisms for verifying the compliance of tools and systems with the requirements of the public procurement Directives

Download: <http://www.epractice.eu/node/281800>

3.1.12 Electronic transmission of public procurement notices for publication

Date: September 2007

Produced by: DG-MARKT

Description: A study to determine different scenarios for introducing a system of mandatory eNotification in a coherent regulatory and technical environment.

Download: <http://www.epractice.eu/node/281802>

3.1.13 eNoticing forms

Date: October 2005

Produced by: DG-MARKT

Description: Standard forms for the publication of procurement notices

Download: <http://www.epractice.eu/node/281633>

3.1.14 IDABC XML Schemas for Public Procurement

Date: January 2005

Produced by: IDABC

Description: The eProcurement XML schemas initiative aims at proposing a set of generic XML schemas to support the automation of data exchanges in the different phases of electronic public procurement.

Download: <http://www.epractice.eu/node/281836>

3.1.15 Functional Requirements for eProcurement

Date: January 2005

Produced by: DG-MARKT

Description: Report on Functional Requirements for conducting eProcurement under the EU framework

Remarks: study funded by IDABC

Download: <http://www.epractice.eu/node/281505>

3.1.16 eProcurement Action Plan

Date: December 2004

Produced by: DG-MARKT

Description: Action plan for the implementation of the legal framework for electronic public procurement

Remarks:

Download: <http://www.epractice.eu/node/281022>

Acronyms

Acronym	Description
BGCA	Bridge/Gateway Certification Authority
BII	Business Interoperability Interfaces
CA	Contracting Authority
CEN	European Committee for Standardization
CEN	European Committee for Standardization
CPV	Common Procurement Vocabulary
DG-DIGIT	Directorate General Information Technology
DG-ENTR	Directorate General Enterprise
DG-INFOS	Directorate General Information and Society
DG-MARKT	Directorate General for Internal Market
DG-TAXUD	Directorate General for Taxation and Customs
eBES	CEN/ISSS Workshop on The e-business Board for European Standardization
eBIF	European e-Business Interoperability Forum
EEA	European Economic Area
EI	European Electronic Invoicing
ePPE	Electronic public procurement in Europe
e-PRIOR	IDABC eInvoicing and eOrdering project for public procurement
EULab	European Public Procurement Learning Lab
ICT/PSP	Information Communication Technologies Policy support Programme
IDABC	Interoperable Delivery of European eGovernment Services to public Administrations, Business and Citizens
ISSS	Information Society Standardization System
NES	Notthern European Subset
OASIS	Organization for the Advancement of Structured Information Standards
PKI	Public Key Infrastructure
TC/UBL	Universal Business Language (UBL) Technical Committee
UBL	The Universal Business Language
UN/CEFACT	United Nations Centre for Trade Facilitation and Electronic Business
WP	Work programme

Annex I – Table of activities related to eProcurement

Map of Activities related to eProcurement											
Acrr.	Name	Website/case	sponsor respons	Objective/Mission	Project Contact	Sub-project	Approach	topics/ phases	Short description	Sub-project contact/website	existing coop. with
Commission Projects and Initiatives											
APEval	Evaluation of eProc uptake	http://www.epractice.eu/nod/e/284989	DG-MARKT	To evaluate the uptake of eProcurement especially with regards to the progress achieved under the 2004 Action Plan	J.Ferger - http://www.epractice.eu/people/284 info email: survey.eprac@it.ey.com		evaluation	eNoticing eTendering eAwarding eOrdering eInvoicing eCatalogue, eAttestation, eSignature, national eproc. plans			
eINV EG1	eInvoicing Expert Group	http://ec.europa.eu/enterprise/ict/policy/einvoicing/einvoicing_en.htm	DG-MARKT, DG-ENTR	Commission Expert Group on eInvoicing with a mandate to propose the EEI Framework.	Chairman: B.Harald - http://www.epractice.eu/people/14751	ST 1- Regulatory Framework stream	legislation revision	eInvoicing			
eINV EG2						ST2 - Business Requirements stream	standardisation	eInvoicing			
eINV EG3						ST3-Networks and standards stream	infrastructure/ tools	eInvoicing			

<i>Essi</i>	ESSI		DIGIT	To provide the ESSi PKI services and the ESSi Application Platform to be used by the ESSi stakeholders	P.Schneider		infrastructure/tools	eSignature			EFVS
<i>EFVS</i>	European Federated Validation Service (ex Bridge/Gateway Certification Authority - BGCA)	http://ec.europa.eu/idabc/en/document/2318/5927 http://www.epractice.eu/cases/bgca	IDABC	Evaluation of a federated validation service acting as an intermediate trust infrastructure between the PKIs of Europe's national public administrations	J. Stienen - http://www.epractice.eu/people/7828		Infrastructure/tools	eSignature			Essi
<i>Fiscalis</i>	Fiscalis		DG-TAXUD	EU Commission initiative to share good practices across Member State tax administrations.	D. Boublil	Activity "audit of e-invoicing"	standardisation	eInvoicing	Producing of audit standards (guidance paper), training standards, audit facilitation and practical compliance	J. Kuipers http://www.e-invoice-gateway.net/knowledgebase/elnvoiceBestPractice/	eInv2, eInvPlt, eInvEG1
<i>eProcDemos</i>	IDABC eProcDemos & helpdesk	http://www.epractice.eu/node/276758	IDABC	Demonstrators to help software editors and CAs in Europe to develop eProcurement systems in line with the EU legislative framework	Z.Mazanava http://www.epractice.eu/people/uzana Helpdesk http://www.epractice.eu/people/14663		guidance	eNoticing eTendering			

Pilots											
ePrior	ePrior-invoicing and eOrdering Pilot	http://www.epractice.eu/nod/e/276914	IDABC, DIGIT, DG-MARKT	To produce business requirements for e-Invoicing systems in a public procurement context and cross-border environment and set up an e-Invoicing and e-Ordering pilot to be used by DIGIT and some of its suppliers.	A. Tosetti, head of unit DIGIT, D. Thunus, DIGIT, Public profile: http://www.epractice.eu/people/15626 P. Breyne, Public profile: http://www.epractice.eu/people/12256		pilot	eInvoicing eOrdering	Set up a prototype and run a number of pilots with suppliers to get real-life experience with e-Invoicing and e-Ordering; the RUP@EC methodology is applied	PPL WP5, WP4 and WP8 eINV EG BII WG1 eINV2	
PPL WP1	PEPPOL	www.peppol.eu	DG-INFISO (CIP ICT/PSP programme)	Large scale pilot to set up integrated solutions for cross border eProcurement	Coordinator: Norwegian Agency for Public Management and eGovernment	WP1- eSignature	pilot	eSignature	Guidelines, specifications and pilot solutions to overcome the lack of interoperability between the different national schemes for electronically signing tender documents	M. Hagen http://www.epractice.eu/people/5417 Free Hanseatic City of Bremen	PROCURE
PPL WP2									Interoperable solutions for economic operators in any European country to submit certificates and attestations electronically to any procurement agency	M.Wimmer University of Koblenz http://www.epractice.eu/people/7317 A. Mondorf http://www.epractice.eu/people/11712 peppol@uni-koblenz.de	BRITE

PPL WP3						WP3 - eCatalogue	pilot	eCatalogue	Interoperable solutions to manage eCatalogues used as part of a bid and for issuing orders in European Public eProcurement procedures	G.De Stefano - CONSIP http://www.epractic.eu/people/12322	CEN/BII
PPL WP4						WP4 - eOrdering	pilot	eOrdering	Benchmark of available solutions and implementation of pilot arrangements on the data and process level for the exchange of eOrdering documents	S. Krammer http://www.epractic.eu/people/14289	CEN/BII, eInvPlt
PPL WP5						WP5- eInvoicing	pilot	eInvoicing	Benchmark existing eInvoicing solutions and implementation of pilot arrangements on the data and process level for the exchange of eInvoicing documents	K. Pedersen Danish National IT and Telecom Agency http://www.epractic.eu/people/KlausVilstrupPedersen	eInvPlt, CEN/BII, eINV EG
PPL WP6						WP6-Project Management	pilot	Management of Project	Project management	A. Hoddevik http://www.epractic.eu/people/854	
PPL WP7						WP7- Consensus and awareness building	dissemination/ cooperation set-up	eNoticing eTendering eAwarding eOrdering eInvoicing	Dissemination and consensus building around the project's achievements	P. Sonntagbauer http://www.epractic.eu/people/Sonntagbauer M. Bodiroza http://www.epractic.eu/people/11710	
PPL WP8						WP8- Solutions architecture, design and validation	Infrastructure /tools	eNoticing eTendering eAwarding eOrdering eInvoicing	Design and validation of the common specifications and building blocks which together will define the technical interoperability layer required to provide an operational e-business infrastructure	M. H. Brun http://www.epractic.eu/people/1316	

PRO	PROCURE	www.eten-procure.com	Burgundy Regional Council	Adapt the Burgundy region solution to enable its usage in other European countries by conducting several pilots	L.F. Fleri http://www.epracticice.eu/people/12246		Pilot	eTendering eAwarding eOrdering eInvoicing			
Standardisation											
BII1	CEN/ISS BII	http://www.ds.dk/en-GB/Sectors/ICT/Bii/Sider/default.aspx	CEN/ISS	to provide a basic framework for technical interoperability in pan-European electronic transactions, expressed as a set of technical specifications	Mr. P. Borresen http://www.epracticice.eu/people/11729 Mr. P. Sonntagbauer http://www.epracticice.eu/people/Sonntagbauer	WG1 - Message content and business processes	standardisation	eNoticing eTendering eAwarding eOrdering eInvoicing	To review the NES specifications and the CODICE documents/ components to produce a "Common European Procurement Subset"	J. Frømyr EdiSys http://www.epracticice.eu/people/12164	
BII2						WG2 - UBL-UN/CEFACT convergence	standardisation	eNoticing eTendering eAwarding eOrdering eInvoicing	To ensure that the requirements of the workshop are met by the unified business documents from UN/CEFACT	Mr. M. Forsberg - ECRU consulting	UBL
BII3						WG3 - Provision of a toolbox	infrastructure/ tools	eNoticing eTendering eAwarding eOrdering eInvoicing	To identify collection of tools for adopting the tech specification and ensure interoperability	J. L. Cueva Calabia - http://www.epracticice.eu/people/ioseluiscueva	
BII4						WG4- Pilot support	dissemination/ cooperation set-up	eNoticing eTendering eAwarding eOrdering eInvoicing	To coordinate and support pilot projects on electronic procurement	M. Christensen - Logica	

eBES	CEN/ISSS eBES	http://www.cen.eu/sh/ebes	CEN/ISSS	To define the guidelines for the implementation of electronic business through the use of modelling and XML based on the work of ebXML and taking into account the work done in UN/CEFACT	K. Ginty, http://www.epracticice.eu/people/4922	EEG1/TBG1 Supply-chain and eProcurement	standardisation	eOrdering eInvoicing eCatalogue	Cross-industry processes and transactions: eInvoicing, eOrdering, eCatalogues among others	El-Khoury http://www.epracticice.eu/people/12948 http://www.cen.eu/cenorm/businessdomains/bussdomains/issessdomains/issessdomains/issessdomains/activity/eeq1.aspx	
					B. Longhi http://www.epracticice.eu/people/2612	EEG5/TBG6 Architecture, Engineering and Construction	standardisation	eTendering	eTendering Business Process Modelling		
					A. Dechamps, http://www.epracticice.eu/people/11577	EEG13/TBG19 eGov (eNoticing)	standardisation	eNoticing	to identify and formally define XML messages that can be used also at national levels, compliant with the Commission Regulation but also with UN/CEFACT and CEN	D. Hardy http://www.epracticice.eu/people/3186 http://www.cen.eu/cenorm/businessdomains/bussdomains/issessdomains/issessdomains/activity/e-gov.asp	
					EEG13/TBG19 eGov (eArchiving)	standardisation	eArchiving	to define processes and formats for the transfer of electronic records	S. Colas http://www.epracticice.eu/people/12307 http://www.cen.eu/cenorm/businessdomains/bussdomains/issessdomains/issessdomains/activity/e-gov.asp		

eBIF	CEN/ISSS eBIF (European e-Business Interoperability Forum)	http://www.cen.eu/CENORM/businessdomains/issss/activity/ebif.asp	CEN/ISSS	Produce strategic recommendations on standardization activities required to achieve interoperability solutions for eBusiness	P. Potgieser, http://www.epractic.eu/people/12301		standardisation	eTendering eAwarding eOrdering eInvoicing eCatalogue			eINV EG2
eInv2	CEN/ISSS eInvoicing Phase 2	www.cen.eu/iss/einv/ http://www.e-invoice-gateway.net/	CEN/ISSS	To stimulate further standardization work in the domain of electronic invoices in Europe	S.Engel-Flehsig A. Grangard	Group 1: adoption of eInvoicing	standardisation	eInvoicing	enhanced adoption of electronic invoicing in business processes in Europe	G. Lindsberger	ESI eBES/EEG 1 ePPE
						Group 2: compliance with EU and National legislation	legislation	eInvoicing	the compliance of electronic invoice implementations with Council Directive 2001/115/EC and the national legislation as regards electronic invoices	J. Kuipers http://www.epractic.eu/people/15759	
						Group 3: Authentication and Integrity		eInvoicing eSignature	the cost-effective authentication and integrity of electronic invoices regardless of formats and technologies	J. Borendal	
						Group 4: technologies and business processes	Infrastructure/ tools	eInvoicing	the effective implementation of compliant electronic invoice systems in using emerging technologies and business processes		
						Group 5: Network infrastructure	Infrastructure/ tools	eInvoicing	the emerging network infrastructure of invoice operators throughout Europe.	J. Håkämies	

ePPE	CEN/ISSS ePPE (Implementation of electronic public procurement in Europe)	-	CEN/ISSS	Interoperability in the implementation of electronic public procurement in Europe	-	standardisation				eInv2
ESI	ETSI TC/ESI	http://portal.etsi.org/esi/el-sign.asp	ETSI	TC ESI is responsible for Electronic Signatures and Infrastructures standardization within ETSI.	C. Rizzo ESIsupport@etsi.org	standardisation	eSignature			eInv2
NES	NES/UBL (Northern European Subset)	http://www.nesubl.eu/	NES consortium	A cooperation among a group of European countries and organizations to facilitate the electronic coop. in the procurement chain, based on available international standards (mainly, UBL)	J. Fromyr - EDISYS	standardisation	eTendering eOrdering eInvoicing ePayment eCatalogue			
UBL	OASIS TC/UBL (The Universal Business Language)	http://www.oasis-open.org/committees/tc_home.php?wg_aabbrev=ubl	OASIS	UBL, the Universal Business Language, is the product of an international effort to define a royalty-free library of standard electronic XML business documents such as purchase orders and invoices	J. Bosak, T. McGrath http://www.epractic.eu/people/12041 Z. Rendon, J. Bryce Clark, OASIS Staff Contact	standardisation	eTendering eOrdering eInvoicing ePayment eCatalogue			BII

UN/CEFACT	UN/CEFACT (United Nations Centre for Trade Facilitation and Electronic Business)	http://www.un-ede.org/cefact/	UNECE	To encourages close collaboration between governments and private business to secure the interoperability for the exchange of information within the public and private sectors as well as between them	M. Doran UN/Cefact A. Grangard http://www.epracticice.eu/people/13432	TBG1 - Supply Chain	standardisation	eOrdering eInvoicing	cross-industry eInvoicing and eOrdering schemas	Coen Janssen, GS1 Netherlands	UBL, TBG19, eBES
						TBG3	standardisation				
						TBG5	standardisation			J. Whittle	
						TBG6 - Construction	standardisation	eTendering	elaboration of eTendering schemas		TBG19, eBES
						TBG19 - eGovernment	standardisation			J.P. Henninot http://www.epracticice.eu/people/12648 S. Colas http://www.epracticice.eu/people/12307	
Communities and networks											
EULab	EULab	http://www.consip.it/online/Home/Studieprogetti/Eulab.html	Consip - Italy	To compare the activities and to share useful knowledge among the European procurement agencies	G.L.Albano http://www.epracticice.eu/people/12471		dissemination/ cooperation set-up	eNoticing eTendering eAwarding eOrdering eInvoicing			
Forum	eProcurement Forum	http://epracticice.eu/community/eprocurement	IDABC	Community of practitioners for the exchange of eProcurement knowledge and experience	E.Castrillejo http://www.epracticice.eu/people/emilio		dissemination/ cooperation set-up	eNoticing eTendering eAwarding eOrdering eInvoicing			

Research projects

Brite	BRITE	http://www.epractice.eu/cases/BriteCBD	European Business Register - Belgium	Creation of the "Brite Common Business Dossier": an electronic document package carrying the certificates and attestations required in the European eProcurement	V. Gianella http://www.epractice.eu/people/136	Service Case 3: Support for eProcurement Take-up	Infrastructure/ tools	eAttestation		P. Milani http://www.epractice.eu/people/169	PEPPOL WP2
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Annex II – Table of reference studies

author/main responsible	Other contributors	Result name	Description	URL	Issued on	Other
ePrior-eInvoicing and eOrdering Pilot		Analysis of Business Requirements for eInvoicing	The report is one of the deliverables of the IDABC eInvoicing & eOrdering pilot project; it contains the results of the business requirements gathering process for eInvoicing in a public procurement context.	http://epractice.eu/en/library/288906	Mar 09	
eInvoicing Expert Group		Mid-term report of the Expert Group on eInvoicing	This mid-term report outlines the progress made during the first year of the mandate of the Expert Group on eInvoicing	http://epractice.eu/en/library/281899	Jan 09	
DG-MARKT		eSignature Action Plan	Action Plan on e-signatures and e-identification to facilitate the provision of crossborder public services in the Single Market	http://www.epractice.eu/node/281876	Nov 08	
DG-MARKT		Commission survey on uptake of eProcurement	Commission launches survey to assess up-take and experience of practitioners	http://www.epractice.eu/node/284989	Oct 08	
DG-MARKT		Preliminary Study on eCertificates and eAttestations - Final Report and National Country Profiles	The goal of the study is to identify if and how electronic certificates and attestations are currently issued, accepted and validated in public procurement procedures across the EU and EEA Vol 1-Country reports Vol 4-Final Report	http://www.epractice.eu/node/281843	Sep 08	study funded by IDABC
CEN/ISS eInvoicing 2	Fiscalis	eInvoice Best practice	Guidelines (Excel file) and Commentary - Draft version	http://www.epractice.eu/node/281857	Jul 08	
eInvoicing Expert Group		1st status report of the Expert Group on e-Invoicing	Status report from the Expert Group on e-Invoicing	http://www.epractice.eu/node/281818	Jun 08	
PEPPOL		Factsheet of PEPPOL – eProcurement pilot project	A description of the objectives, structure and expected impacts of this pilot project named PEPPOL (Pan European Public Procurement OnLine).	http://www.epractice.eu/node/281809	May 08	
DG-MARKT		Electronic Catalogues in Electronic Public Procurement- Final Report	The study consists of 3 volumes: * Vol. I – eCatalogues: Report on the state of play; * Vol. II - eCatalogues: Report on standardisation activities; * Vol. III – eCatalogues: Report on preliminary functional requirements.	http://www.epractice.eu/node/281801	Nov 07	study funded by IDABC

DG-MARKT		New Common Procurement Vocabulary	New version of Common Procurement Vocabulary (CPV) used to describe the subject of procurement contracts.	http://www.epractice.eu/node/281871	Nov 07	
DG-MARKT		Compliance verification	Report of a study for the identification, analysis and comparison of optimum mechanisms for verifying the compliance of tools and systems with the requirements of the public procurement Directives	http://www.epractice.eu/node/281800	Oct 07	
DG-MARKT		Electronic transmission of public procurement notices for publication	A study to determine different scenarios for introducing a system of mandatory eNotification in a coherent regulatory and technical environment.	http://www.epractice.eu/node/281802	Set 07	
DG-MARKT		eNoticing forms	Standard forms for the publication of procurement notices	http://www.epractice.eu/node/281633	Oct 05	
IDABC		IDABC XML Schemas for Public Procurement	The eProcurement XML schemas initiative aims at proposing a set of generic XML schemas to support the automation of data exchanges in the different phases of electronic public procurement.	http://www.epractice.eu/node/281836	Jan 05	
DG-MARKT		Functional Requirements for eProcurement	Report on Functional Requirements for conducting eProcurement under the EU framework	http://www.epractice.eu/node/281505	Jan 05	study funded by IDABC
DG-MARKT		eProcurement Action Plan	Action plan for the implementation of the legal framework for electronic public procurement	http://www.epractice.eu/node/281022	Dec 04	

<http://www.epractice.eu/eprocurement>