



OP Public Procurement Vision SIMAP2-SPA

2017-2022

Content

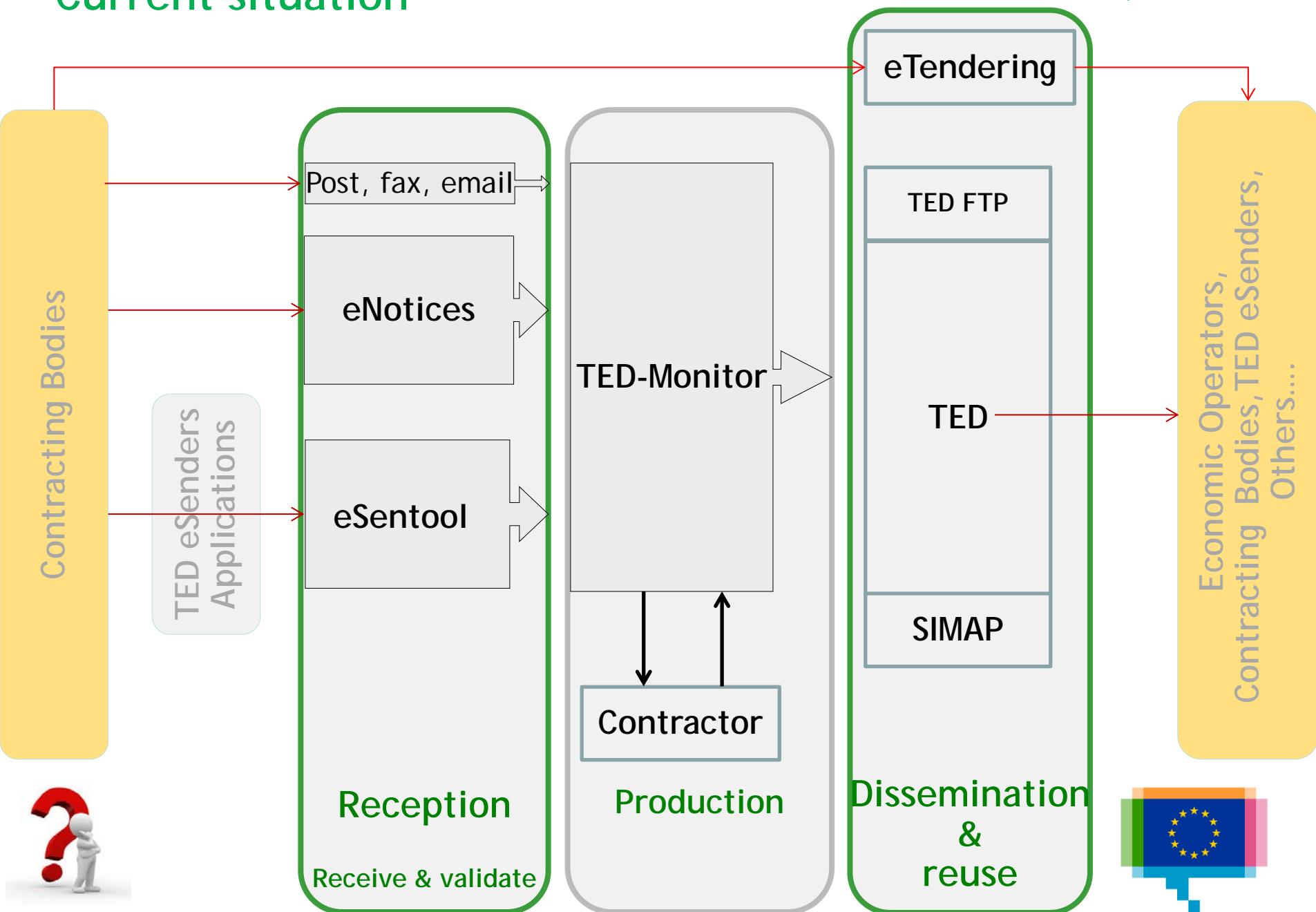
- Refresh from last year
- What has been done since then

Vision



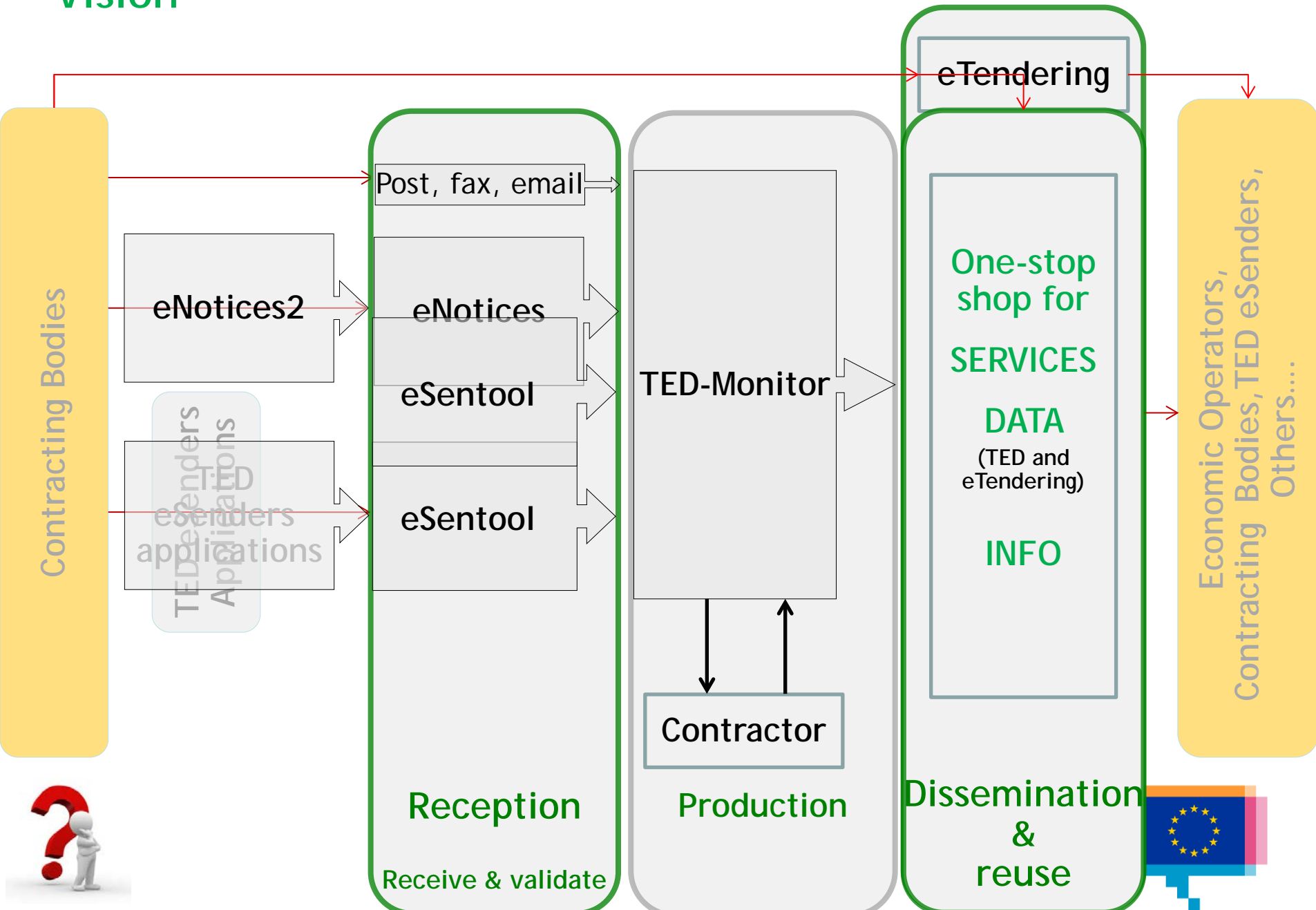
Current situation

4



Vision

5



Vision

1. Public Procurement Single Point of Access (one-stop-shop)
2. Data Quality Management
3. Interoperability
4. Agile & Robust Services



1. Public Procurement Single Point of Access (1/2)⁷

Create a one-stop-shop for

a. Publishing procurement data

- Submit, modify, cancel, follow-up, import,...
- Main audience: Contracting bodies, eSenders

b. Consulting procurement data

- Search, consult, reuse, report
- Main audience: Economic operators, Public stakeholders

c. Information on procurement of EU institutions

- Publish or link
- Main audience: Economic operators, Public stakeholders



1. One-stop-shop for access to procurement data (2/2)

■ Current status of SIMAP2-SPA

- Specifications are in progress
 - ~300 requirements drafted, under review
 - Mockups and navigation prototype developed, under tests
- Launch of Call for Tender 1st quarter 2019
- Development start end 2019
- Expected implementation 2022



2. Better quality data (1/2)

■ Data should be received in OP in structured form

- Avoid manual processing (costly)
- Some data still sent by email, post
- Some data still sent using non-standard forms

Decreasing (in pct)

■ Data should be sent by authorised bodies

- Lack of authentication of authors

16 on 33 countries have
>50% of NatIDs filled
Don't remove NatIDs when
sending to OP !

■ Data input should be easy

- Currently there are 24 standard forms
- Current OP application for input of data (eNotices) perceived as complicated, not user-friendly

eNotices requirements included in SIMAP2
To develop as first priority



2. Better quality data (2/2)

■ Implement an appropriate data structure

- Define Public Procurement Ontology
- Use Code Lists

Reviewing Glossary (25%) and Data Model (80%) with Working Group
OWL v2 available +

14 code lists under review +
38 tables identified for eForms

■ Provide for better quality data at source

- Adopt electronic standard forms : eForms

Following GROW's planning +
OP will propose schema

■ Implement appropriate quality control at reception

- Adopt sound validation rules
- Implement a unique validation tool

Drafting common validation
tool specifications



3. Standards for interoperability (1/2)

■ Use of standards facilitates exchange of data

- within eProcurement chain
- with contracting authorities/eSenders
- with re-users of TED data
- within OP applications

■ Choose communication standard for data exchange


- UBL vs Proprietary XML ?
- assess existing standards
- assess possibility to use several standards

- 
- Pros and Cons evaluation
 - Implementation impacts
 - Converters library ?
 - Data architectures analysis

■ Implement standard to existing and new services

■ Implement common identifiers

- adopt a semantic identifier (EPPI)
- adopt an ID for machine to machine communication (UUID)

- 
- Notice UUID exist (optional)
 - Proposals of EPPI done
Discussing with GROW



3. Standards for interoperability (2/2)

■ Ensure full visibility of services provided by OP

- Currently there is no complete description of all the services provided (e.g.: submit notice; modify notice; export notice)
 - Create a catalogue of services
 - Create a registry of services

← **Catalogue : published on SIMAP, some in Swagger**
Registry : initiated an API gateway pilot with DIGIT

■ Services should be provided in a standard way

- There should be a unique communication method
 - Currently there is a mix of machine to machine communication, email and telephone
 - Currently machine to machine communication is not always based on the same technology

← **SIMAP2-SPA requirements are based on**
Service Oriented, Orchestration and
API Gateway principles

■ There should be an overall service governance

- Services cannot be developed on ad hoc basis
 - loss of efficiency, increased maintenance costs

← **A service governance is adopted**
A list of managers is defined



4. Agile & Robust Services

■ More efficient change management

- Implementing changes to publication requirements should be simple, fast, and cost-effective
- Currently adaptation to change is cumbersome, time consuming and expensive
 - For OP
 - For contracting bodies/eSenders
 - For policy makers

XML schemas governance adopted
Preparing TED XML v3 = one schema
Code lists and rules mgmt simplified

■ More efficient publishing workflow

- Reduce or eliminate bottlenecks
 - Make a better use of the time allowed for publication
- Further automation
 - Less manual interventions => Better data quality
- Implement Services in a generic way
- Eliminate or reduce redundancies
- Revise architecture, workflows, procedures

New publication approach :

- Publishing calendar aligned to MS's
- Publish on latest legal deadline
- Possible change of publishing date
- Urgent publication

Principles applied in SIMAP2-SPA specifications



How will the
vision be
implemented ?



Principles

- Customer first!
- All customers are important
- Development of new tools will be done in parallel with current business
- When possible, current tools will be upgraded and not necessarily replaced
- Old tools will only be discontinued after
 - New tools are already implemented
 - Migration of data is finished
 - Parallel runs takes place



When will the
vision be
implemented?



High level plan



■ 2017-2018

- Collect needs, analyse, assess, decide, draft requirements, draft specifications

■ 2019

- Launch Call for Tender
- Start Developments (with eNotices2)
- Ontology and Code Lists available for eNotification and eAccess domains

■ 2020-2021

- Deployment, installation, testing, entry in production
- Systems integration, data migration, parallel run
- eForms implemented
- eNotices2 in production
- Phasing out

■ 2022

- One stop shop is in place, the vision becomes reality



Thank you for your
attention !
Questions ?

