

# eProcurement Data Analytics

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# Introduction

Following the Commission invitation to submit proposals for the review of the ISA<sup>2</sup> Work Programme for the year 2020, AGID prepared a proposal on eProcurement Data Analytics.

## Public eProcurement in Italy

The digital transformation of Public Procurement is a strategic project in the 3-year ICT Plan for the Public Administration.

AGID role and activities:

- Responsible for deployment and monitoring of the digital transformation of Public Procurement at the national level
- Coordinates technical groups for aspects in scope with the Public Procurement Code
- Establishing the eProcurement Competence Centre

# eProcurement challenges

Preventing effective data-driven decisions

**Lack of  
quality data**

**Inability to match  
related data from  
different databases  
and systems**

**Insufficient  
sharing and  
recycling of data**

**Shortage of skills  
and tools for  
analysing available  
information**

**Duplication of efforts in Member States to resolve the same problems**

# Objectives

*“To establish a common European framework and infrastructure for monitoring public procurement across the EU, through a set of analytical services and tools based on a common data structure, in order to foster effective government spending, active common policy-making and Single Market competitiveness.”*

## How to achieve these objectives

Conceptual Implementation Model:

1. Structure the EU eProcurement data lake making use of the **eProcurement Ontology**.
2. Feed the EU eProcurement database re-using existing TED procurement data (migration).
3. Collect TED procurement data (from notices, awards, payments, etc.) making use of the mapping between eProcurement **eForms** (EU standard) and the eProcurement Ontology.
4. Provide a **platform** to access relevant Open Data to stakeholders and tools to analyse them as **Linked Open Data**, after an assessment of 'what data' and 'who' can access it.
5. Re-use **Building Blocks** (e.g. CEF Big Data Test Infrastructure).

## Relevance

Why this proposal is relevant to the ISA<sup>2</sup> objectives:

1. It implements the EIF recommendation 30, supporting the development of the **common public procurement semantic**, using the eProcurement Ontology and providing information as linked open data.
2. It will benefit **all Member States** that have to implement the new eForms.
3. It explores the re-use of the eProcurement analytics framework and tools in **other sectors** where information from databases (e.g. BRIS) can be gathered and made available.

# Interest from Member States





Thank you