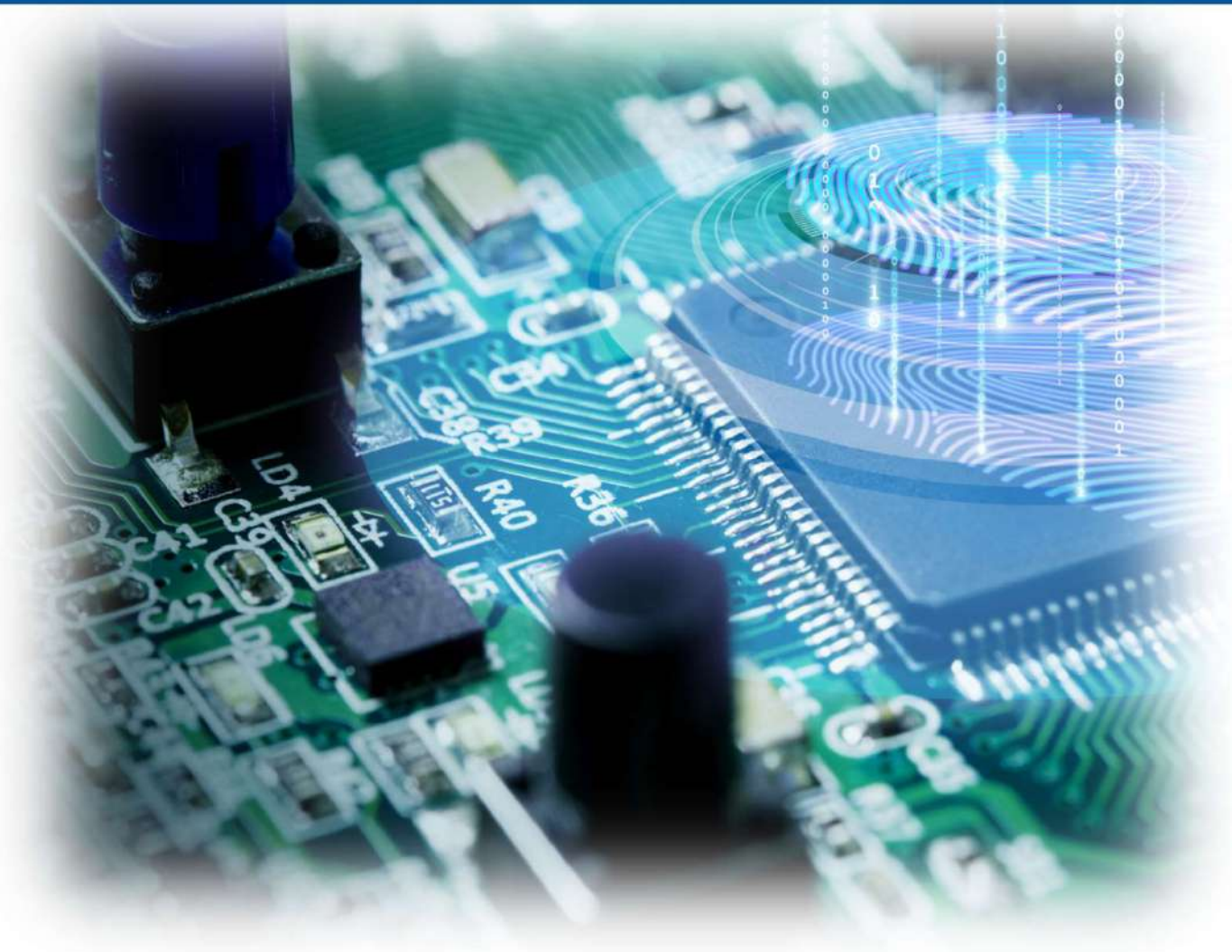
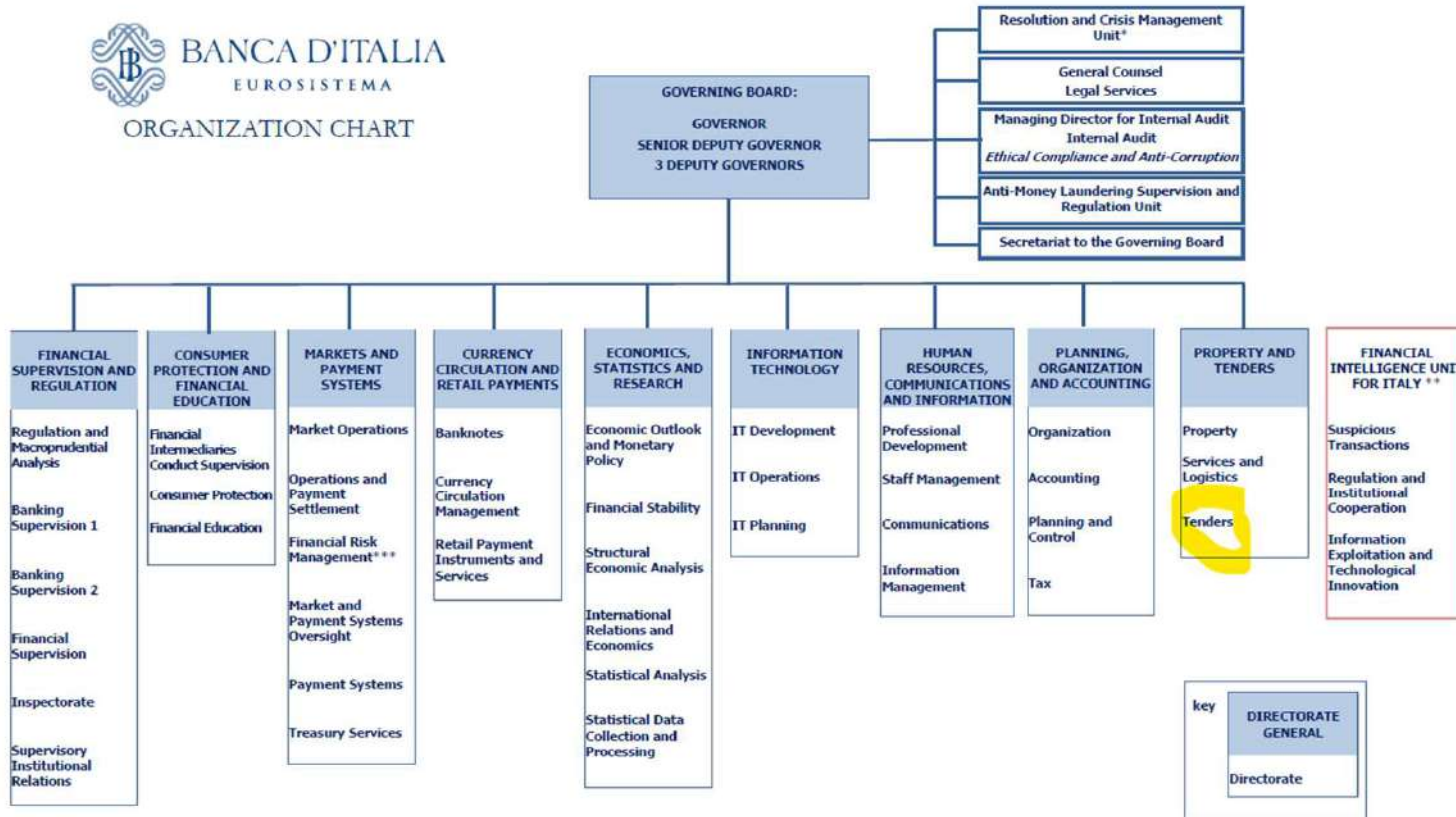


# THE DIGITAL CHALLENGE IN PUBLIC PROCUREMENT





# BANCA D'ITALIA TENDERS DIRECTORATE

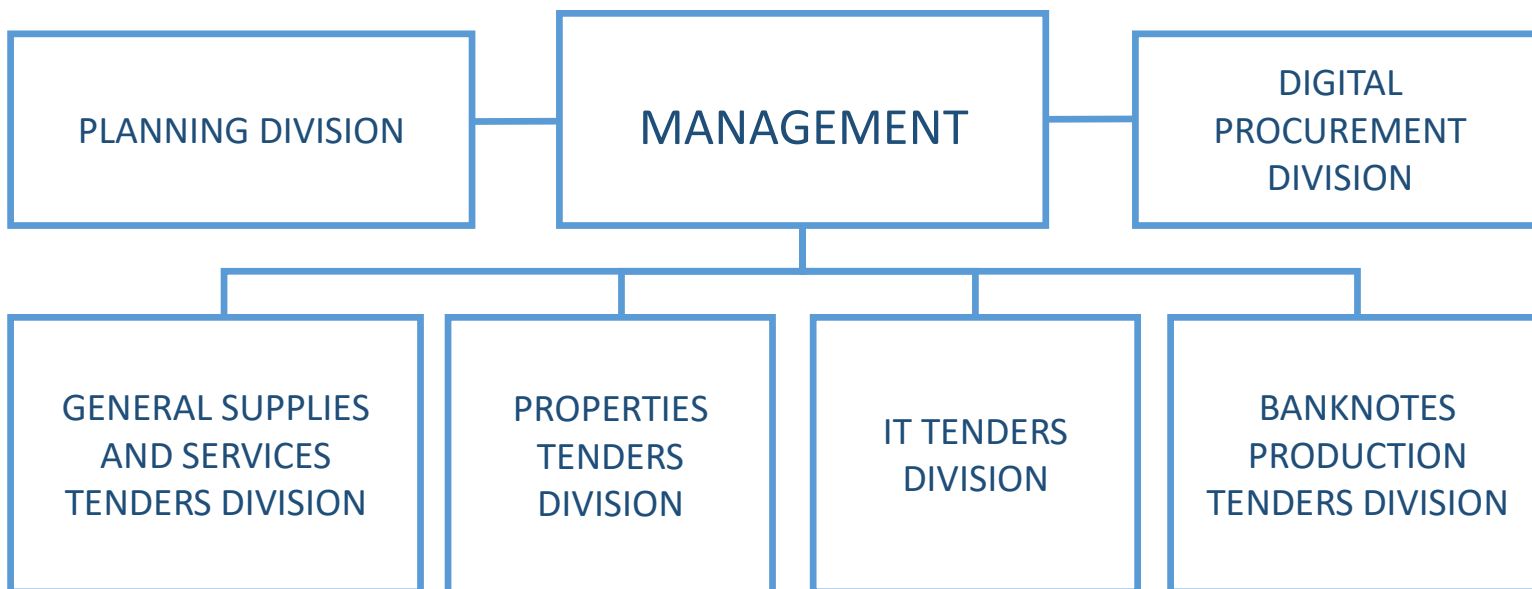


38 BRANCHES - 3 REPRESENTATIVE OFFICES IN LONDON, NEW YORK, TOKYO - AN OFFICE AT THE HOUSE OF THE EURO - A TRAINING CENTRE IN PERUGIA

\* An Advisory Committee on Resolution and Crisis Management gives opinions on the proposals to be submitted by the Unit to the Governing Board.

\*\* The Financial Intelligence Unit (FIU) for Italy, established under the terms of Legislative Decree 231/2007, is an independent body, performing its functions in full autonomy. The Bank of Italy issues the regulations governing its organization and functioning. The FIU's staff, technical and financial resources, and hardware are provided by the Bank of Italy.

\*\*\* The Financial Risk Management refers directly to the Governing Board on matters of financial risk assessment and control.



## CERTIFICATO SISTEMA DI GESTIONE

CERTIFICAZIONE N.°: 187809-2015-AQ-ISA-RECERDITA. DATA PRIMA EMISSIONE: 29 novembre 2015. VALORI: 29 novembre 2020 - 28 novembre 2023.

Si certifica che il sistema di gestione di

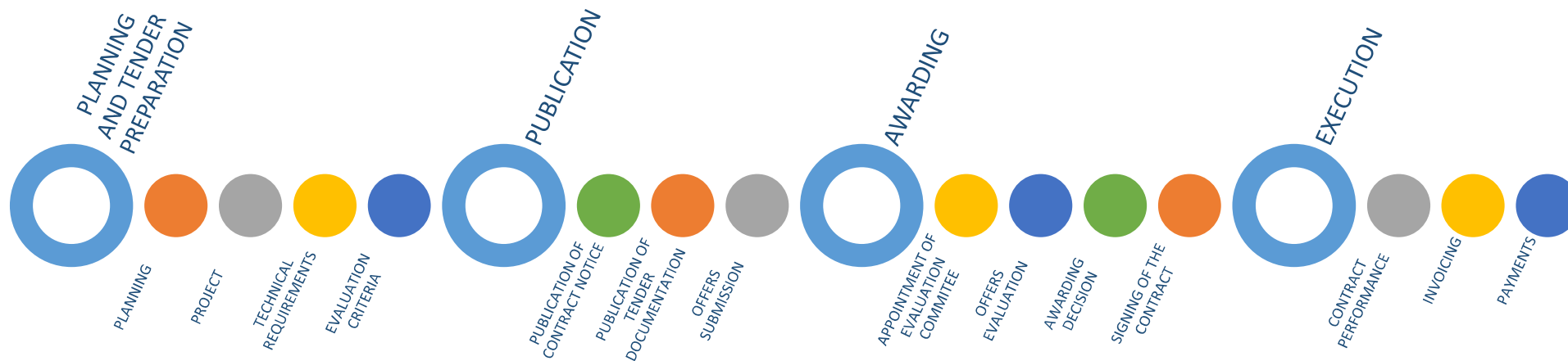
**Banca d'Italia - Dipartimento Immobili e Appalti**

Largo Guido Carli, 1 - 00044 Frascati (RM) - Italia

È conforme allo Standard:  
**ISO 9001:2015**

Questa certificazione è valida per il seguente campo applicativo:  
**Servizio di acquisti centralizzato per la Banca d'Italia attraverso i processi di rilevazione delle esigenze e pianificazione delle iniziative, progettazione, selezione del contraente e gestione dei contratti di lavori, servizi e forniture (IAF: 35)**

# THE PROCUREMENT PROCESS



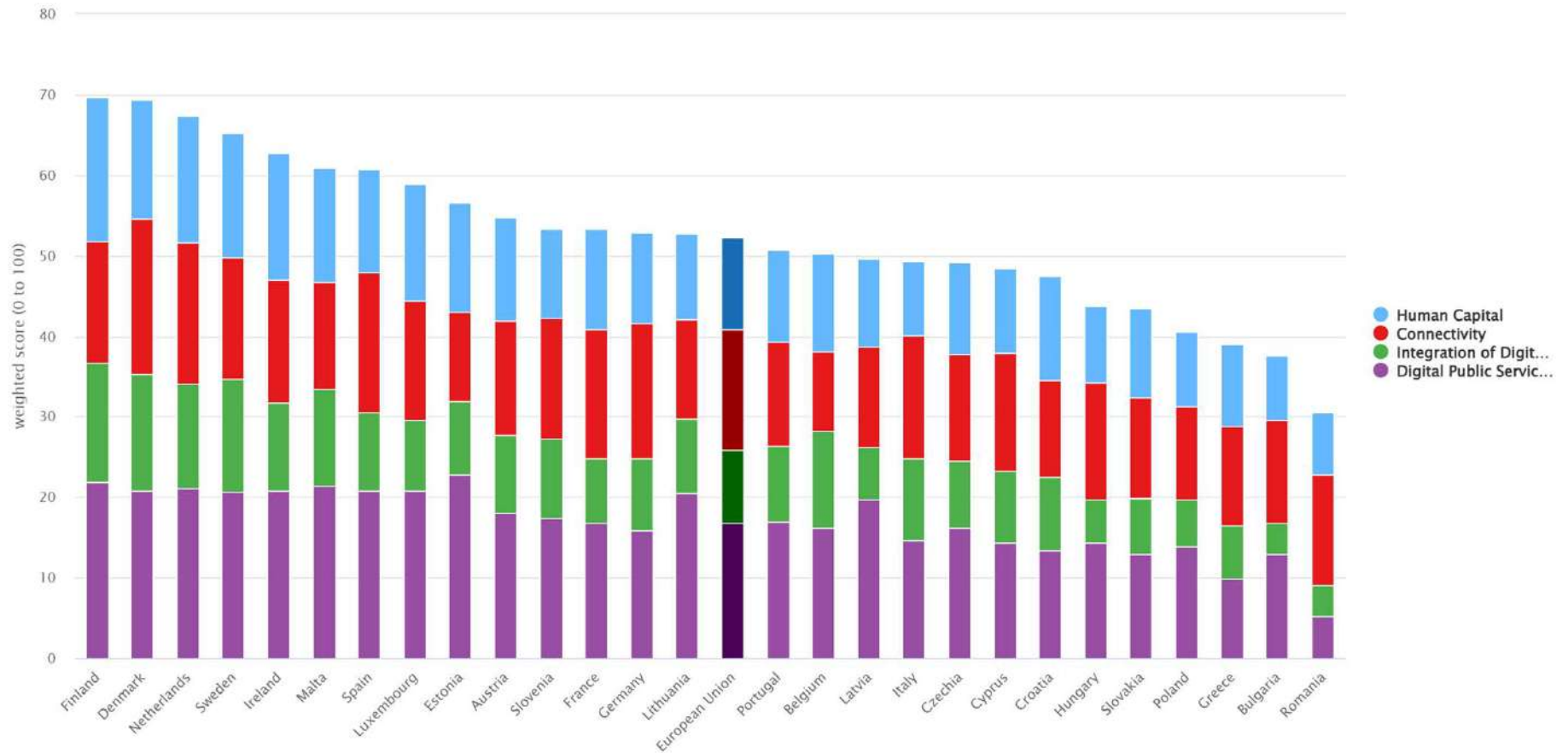
# DEFINITIONS



# WHERE ARE WE?

## Digital Economy and Society Index

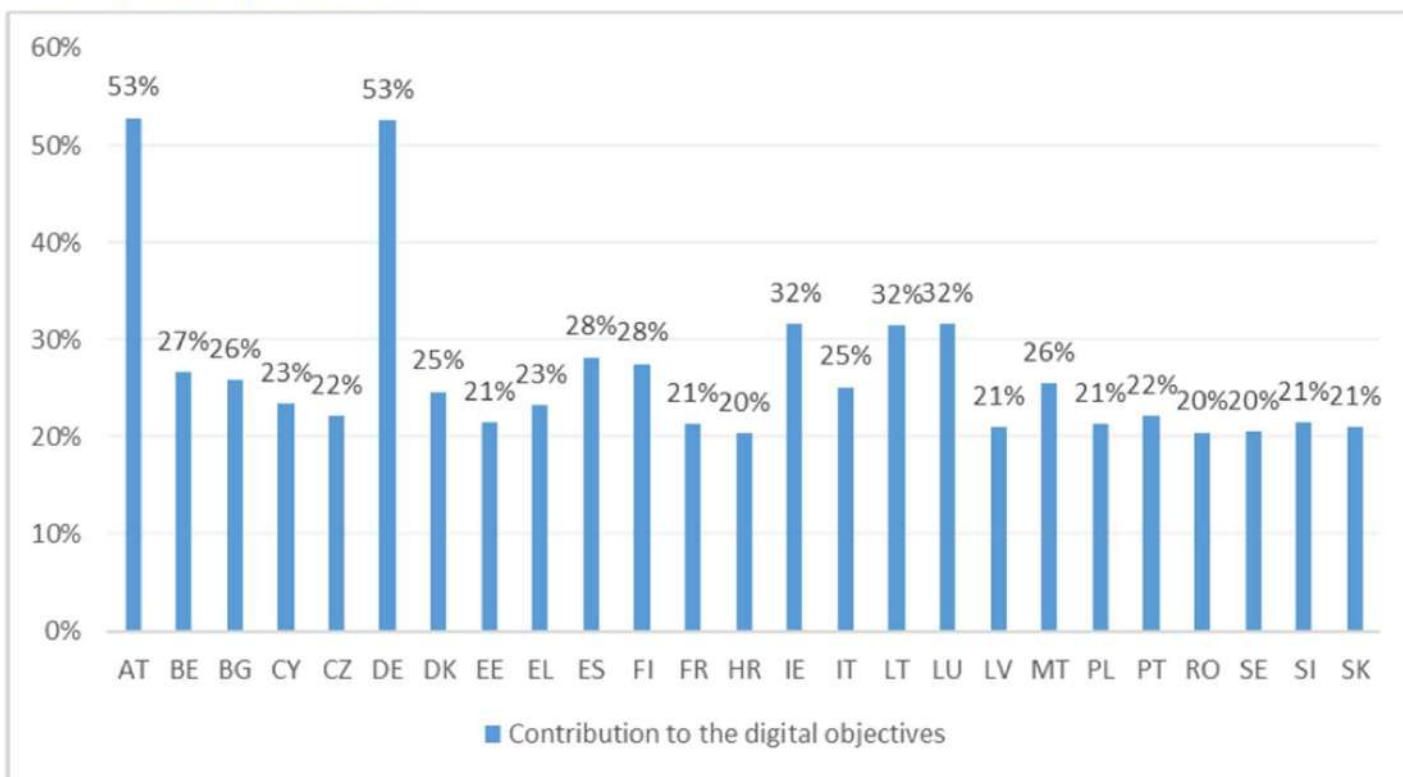
Year: 2022



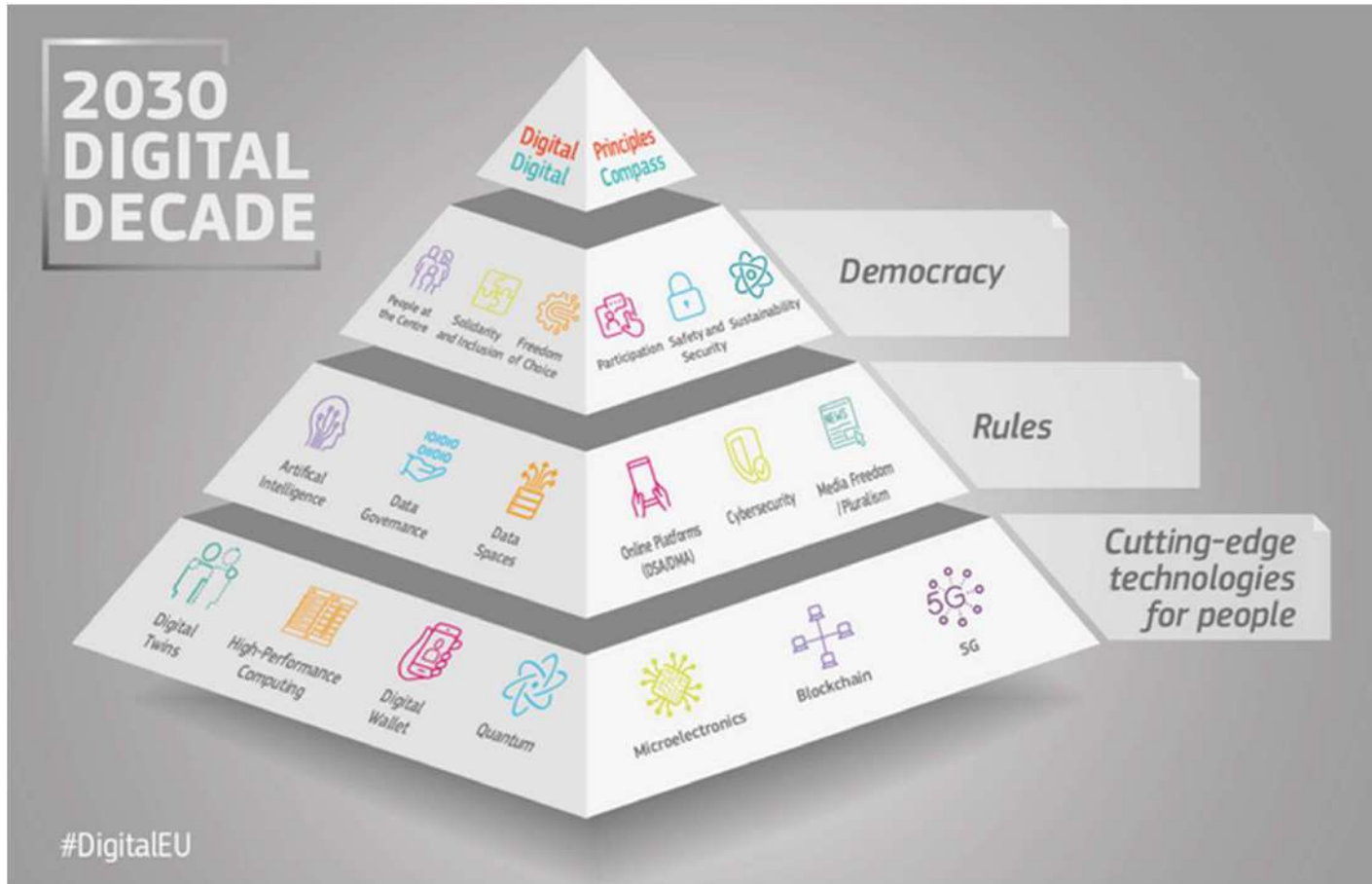
# WHERE ARE WE?

Under the RRF Regulation, each Member State must dedicate at least 20% of its recovery and resilience plan's total allocation to measures contributing to the digital transition or to addressing the challenges resulting from it.

Figure 1 Share of RRFs estimated expenditure towards digital objectives in the 25 Recovery and Resilience Plans approved by the Council



Source: European Commission





## Our progress towards the EU's Digital Decade targets

### TARGET

**ICT Specialists:**  
20 million + gender convergence

**Basic digital skills:**  
min. 80% of population

### 2021

**ICT Specialists:**  
9 million,  
19% women

**Basic digital skills:**  
54% of population

### TARGET

**Key Public Services:**  
100% online

**e-Health:**  
100% of citizens having access to medical records

**Digital Identity:**  
80% of citizens using digital ID

*Public services: no data measuring the targets are available*



### TARGET

**Connectivity:**  
Gigabit for everyone,  
5G everywhere

### TARGET

**Late adopters:**  
more than 90% of SMEs reach a basic level of digital intensity

**Tech up-take:**  
75% of EU companies using cloud/AI/big data

### 2021

**Connectivity:**  
70% of EU households with gigabit connectivity  
66% of populated areas covered by 5G

### 2021

**Late adopters:**  
55% of SMEs reached a basic level of digital intensity

**Tech up-take:**  
41% of EU companies used cloud computing,  
8% used AI

### 2019

14% of EU companies used big data analysis



**Recovery and Resilience Plan**

#NEXTGENERATIONITALIA

Approved by the Council of Ministers on  
12 January 2021

COMPONENTI E RISORSE (MILIARDI DI EURO)



40,29

Totale

QUADRO DELLE MISURE E RISORSE (MILIARDI DI EURO):



## M1C1 - DIGITALIZZAZIONE, INNOVAZIONE E SICUREZZA NELLA PA

9,72

Mld

Totale

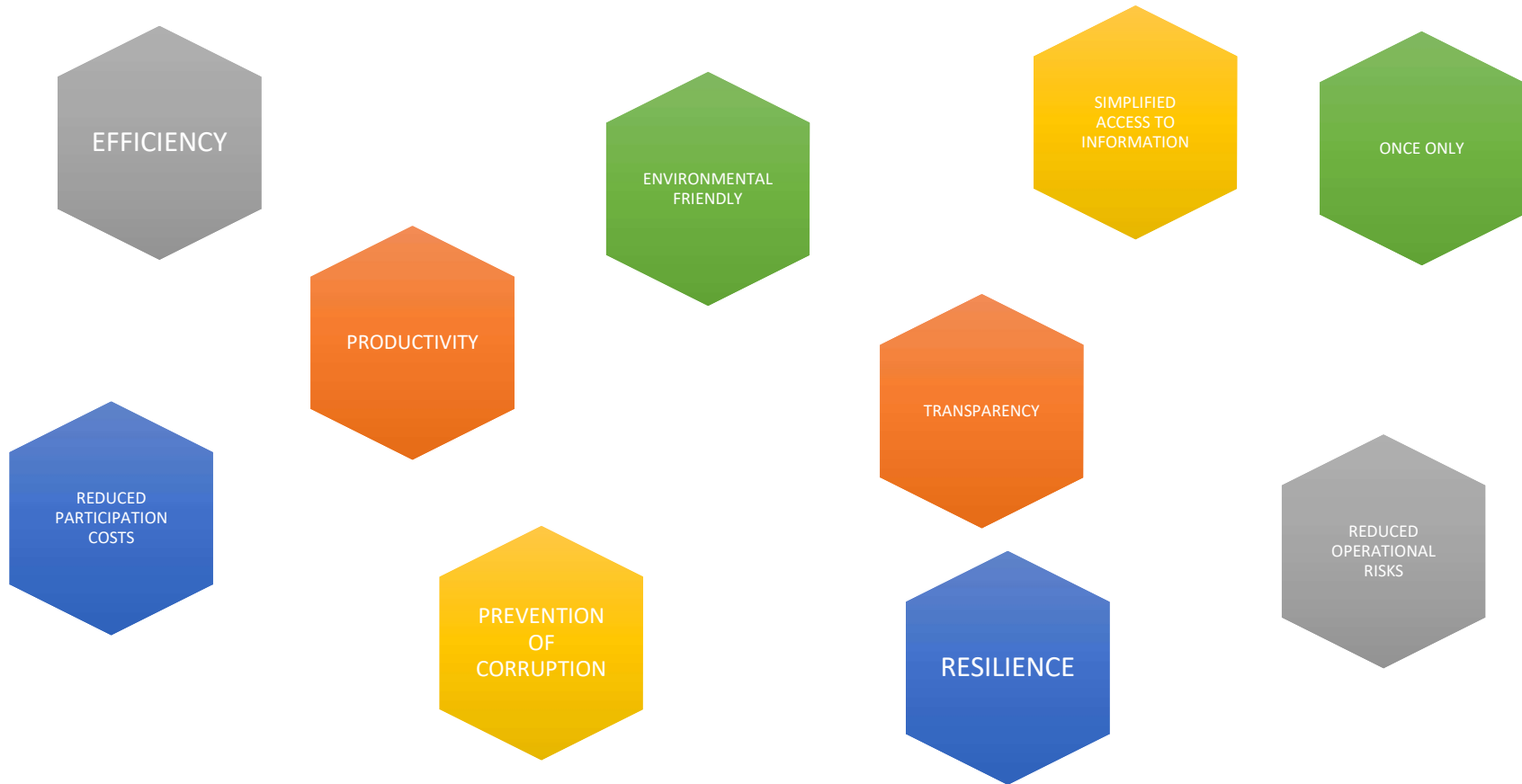
Ambiti di intervento/Misure	Totale
<b>1. Digitalizzazione PA</b>	<b>6,14</b>
Investimento 1.1: Infrastrutture digitali	0,90
Investimento 1.2: Abilitazione e facilitazione migrazione al cloud	1,00
Investimento 1.3: Dati e interoperabilità	0,65
Investimento 1.4: Servizi digitali e cittadinanza digitale	2,01
Investimento 1.5: <i>Cybersecurity</i>	0,62
Investimento 1.6: Digitalizzazione delle grandi amministrazioni centrali	0,61
Investimento 1.7: Competenze digitali di base	0,20
Riforma 1.1: Processo di acquisto ICT	-
Riforma 1.2: Supporto alla trasformazione della PA locale	0,16
Riforma 1.3: Introduzione linee guida "cloud first" e interoperabilità	-
<b>2: Innovazione PA</b>	<b>1,27</b>
Investimento 2.1: Portale unico del reclutamento	0,02
Investimenti 2.2: Task force digitalizzazione, monitoraggio e performance	0,73
Investimento 2.3: Competenze e capacità amministrativa	0,49
Riforma 2.1: Accesso e reclutamento	-
Riforma 2.2: Buona Amministrazione e semplificazione	-
Riforma 2.3: Competenze e carriere	0,02
<b>3. Innovazione organizzativa del sistema giudiziario</b>	<b>2,31</b>
Investimento 3.1: Investimento in capitale umano per rafforzare l'Ufficio del processo e superare le disparità tra tribunali	2,27
Investimento 3.2: Rafforzamento dell'Ufficio del processo per la Giustizia amministrativa	0,04

Public procurement is undergoing a digital transformation. The EU supports the process of rethinking public procurement process with digital technologies in mind. This goes beyond simply moving to electronic tools; it rethinks various pre-award and post-award phases. The aim is to make them simpler for businesses to participate in and for the public sector to manage. It also allows for the integration of data-based approaches at various stages of the procurement process (EU Commission website).

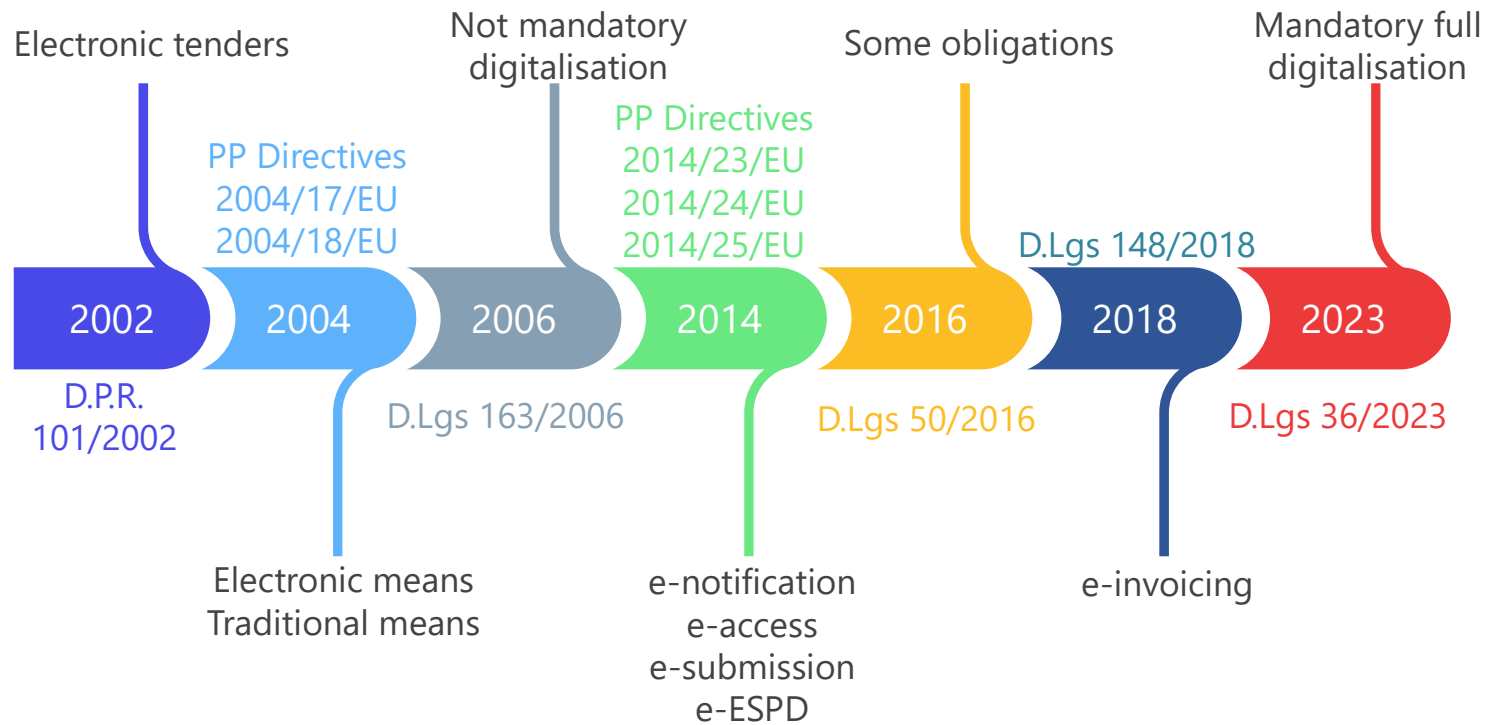
## eProcurement timeline



# WHY IS DIGITAL BETTER?



# ITALIAN E-PROCUREMENT LEGISLATION: THE EVOLUTION



Source: Mariconda, Mirrione

AN ENTIRE PART OF THE  
CODE DEDICATED TO  
DIGITALIZATION

DIGITAL LIFE CYCLE  
OF CONTRACTS

E-PROCUREMENT  
ECOSYSTEM

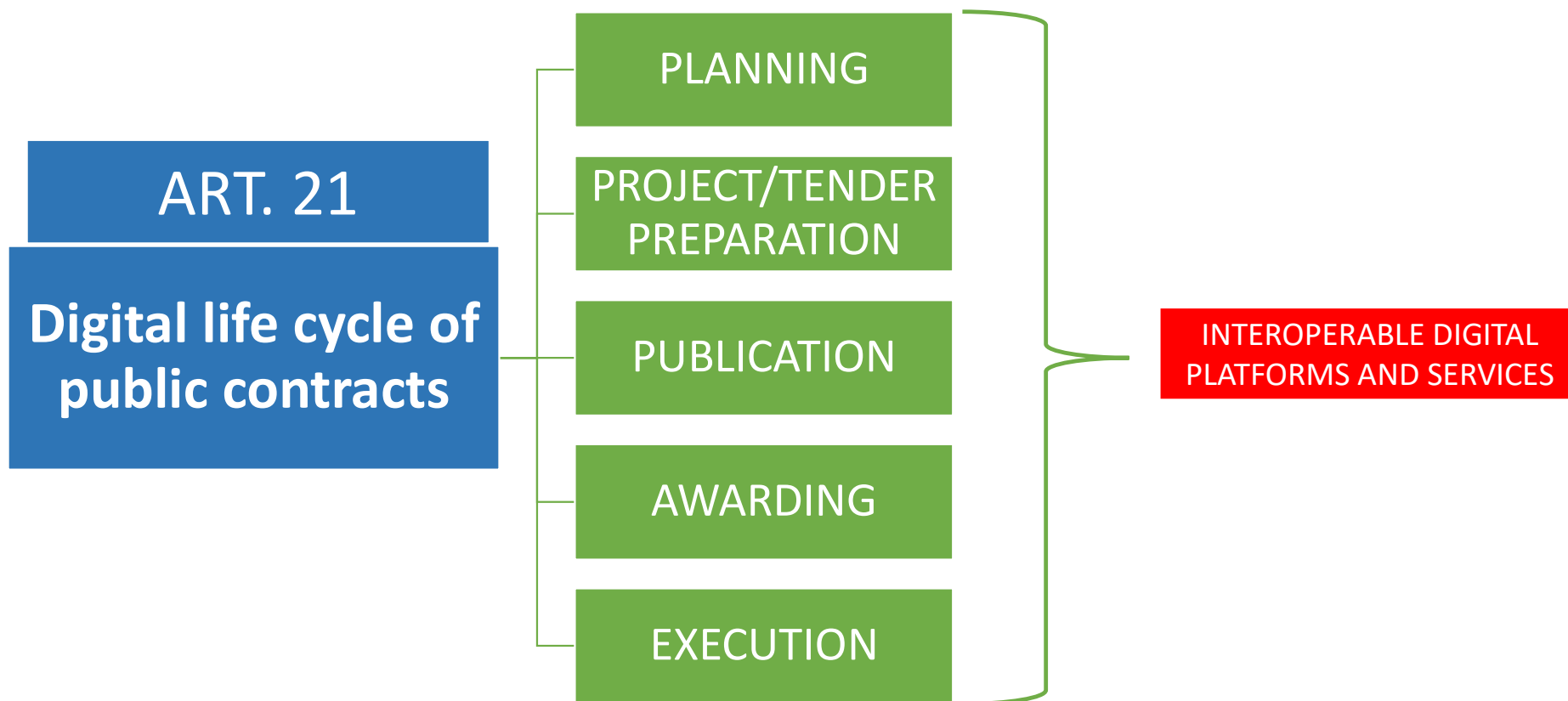
DIGITAL  
PROCUREMENT  
PLATFORMS

DIGITAL PRINCIPLES  
AND RIGHTS

ELECTRONIC  
COMMUNICATIONS

AUTOMATION, AI  
AND BLOCKCHAIN

BIM



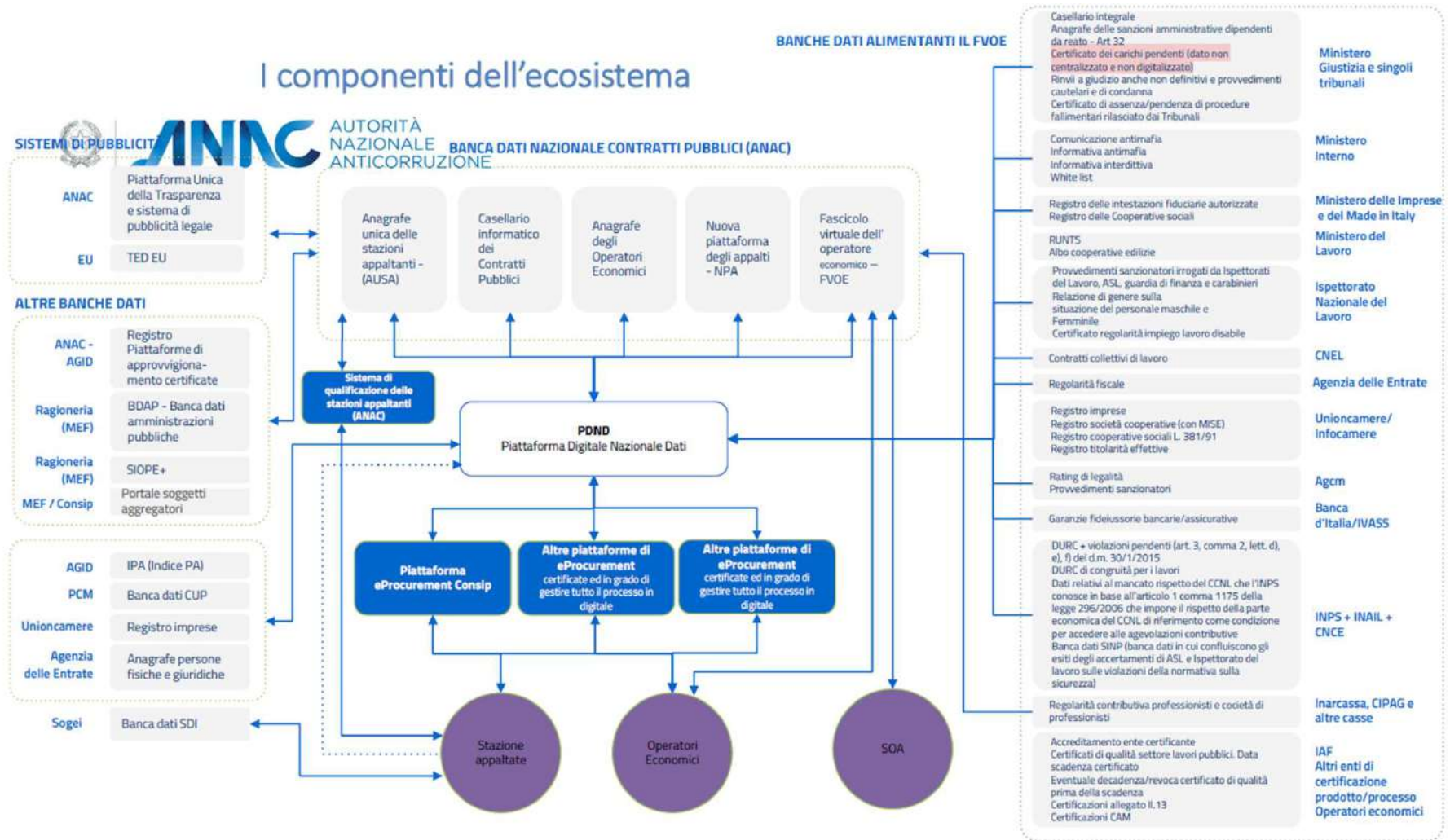
## **Art. 22. National digital procurement ecosystem (e-procurement)**

1. The national digital procurement ecosystem (e-procurement) consists of the platforms and digital infrastructural services enabling public contract lifecycle management referred to in Article 23 and the digital procurement platforms used by contracting authorities referred to in Article 25.
2. The digital platforms and services referred to in paragraph 1 enable, in particular:
  - (a) the drafting or acquisition of documents in native digital format;
  - (b) the publication and transmission of data and documents to the National Public Contracts Database;
  - (c) electronic access to the tender documentation;
  - (d) the submission of the European Single Procurement Document in digital format and interoperability with the virtual file of the economic operator;
  - (e) the submission of offers;
  - (f) the opening, management and storage of the tender file in digital mode;
  - (g) the technical, accounting and administrative control of contracts during execution and the management of guarantees.
3. The databases of national interest feed into the national digital procurement ecosystem, pursuant to Article 60 of the Digital Administration Code, pursuant to Legislative Decree No. 82 of March 7, 2005.



# DIGITAL PROCUREMENT ECOSYSTEM

## I componenti dell'ecosistema



## Art. 25. Digital procurement platforms

1. Digital procurement platforms consist of the set of IT systems and services, interconnected and interoperable, used by contracting authorities and granting entities to carry out one or more of the activities referred to in Article 21, paragraph 1, and to ensure the full digitalization of the entire life cycle of public contracts. To this end, digital procurement platforms interact with the services of the National Public Contracts Database referred to in Article 23 as well as with the services of the National Digital Data Platform referred to in Article 50-ter of the Digital Administration Code, referred to in Legislative Decree No. 82 of March 7, 2005.
2. Contracting authorities and awarding entities shall use digital procurement platforms to carry out the procedures for awarding and executing public contracts, in accordance with the technical rules set forth in Article 26. Digital procurement platforms may not alter the equal access of operators, or prevent or limit their participation in the bidding process or distort competition, or change the subject matter of the procurement as defined by the tender documentation. Contracting authorities and awarding entities shall also ensure participation in the tender procedure in the event of proven malfunctioning, albeit temporary, of the platforms, including, if necessary, by ordering the suspension of the deadline for the receipt of bids for the period of time necessary to restore normal operation and the extension thereof for a duration proportional to the severity of the malfunction.
3. Contracting authorities and granting entities that do not have their own digital procurement platform shall make use of the platforms made available by other contracting authorities or granting entities, central purchasing bodies or aggregating entities, regions or autonomous provinces, which in turn may make use of a system operator that guarantees the operation and security of the platform.
4. It is forbidden to charge any costs associated with the operation of the platforms to competitors or the successful bidder.

# E-PROCUREMENT PLATFORMS: THE ROADMAP



## BEFORE



2013



2019



2021





Digital signature



Document management system



Certified e-mail



Portfolio Management



ERP

## Bandi e avvisi

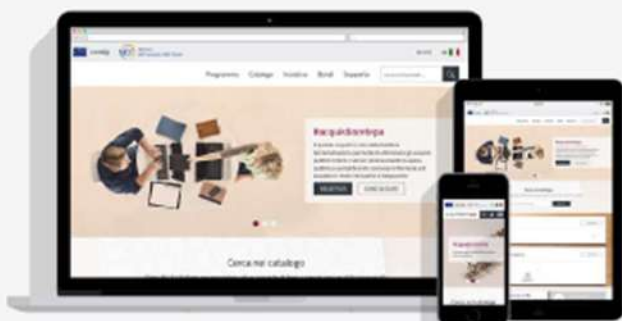
- **Bandi di gara**
- **Avvisi di indagine di mercato e avvisi MEPA/SDAPA**
- **Avvisi di consultazione preliminare di mercato**
- **Bandi e avvisi scaduti**
- **Esiti di selezione**

Per l'iscrizione ad alcune delle nuove categorie è necessario un previo accreditamento tecnico. Atteso che le prove e/o i test predefiniti di accreditamento tecnico debbano essere svolti compatibilmente con le esigenze produttive dello Stabilimento, le richieste di accreditamento potrebbero essere scaglionate nel tempo. Ai rivenditori verrà in ogni caso data informativa sui tempi necessari per l'avvio delle attività. Per informazioni scrivere a: [elencofornitori@bancaitalia.it](mailto:elencofornitori@bancaitalia.it).



Digital register

## THE ePROCUREMENT PLATFORM ACQUISTI IN RETE



**Acquisti in Rete** is the eProcurement Platform where all activities related to the Program for the rationalization of public spending of the P.A. are performed, e.g.: publication of calls for tenders; qualification of suppliers; publication of catalogues that can be used by Public Administrations to perform their purchases.

### ARTICLE 30:

CONTRACTING AUTHORITIES SHALL, AS FAR AS POSSIBLE, AUTOMATE THEIR ACTIVITIES BY USING TECHNOLOGICAL SOLUTIONS, INCLUDING ARTIFICIAL INTELLIGENCE AND DISTRIBUTED LEDGER TECHNOLOGIES



ARTICLE 106:

The guarantee must be issued and signed in digital form; it must also be electronically verifiable or managed through the use of platforms using distributed ledger technologies.

The amount of the guarantee is reduced if the economic operator submits a guarantee that is managed through the use of platforms operating with distributed ledger technology.



1 BLN  
EUR  
BUSINESS



REDUCED  
RISK OF  
FRAUD



## ARTICLE 43:

As from 1 January 2025, contracting authorities shall use digital information management methods and tools for the design and construction of new construction works and for interventions in existing works when the amount of the tender exceeds EUR 1 mln (except for ordinary and extraordinary maintenance works).



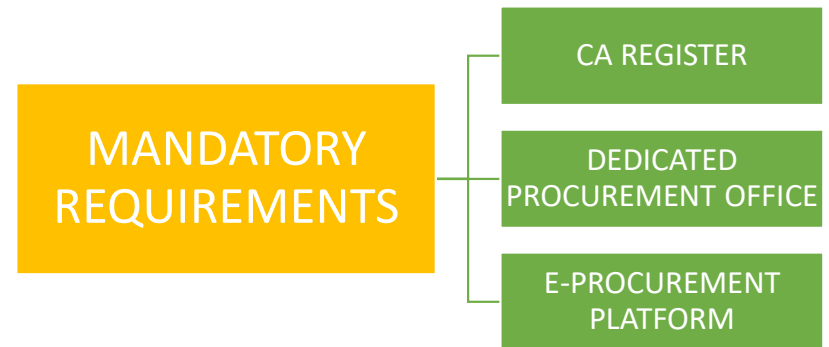
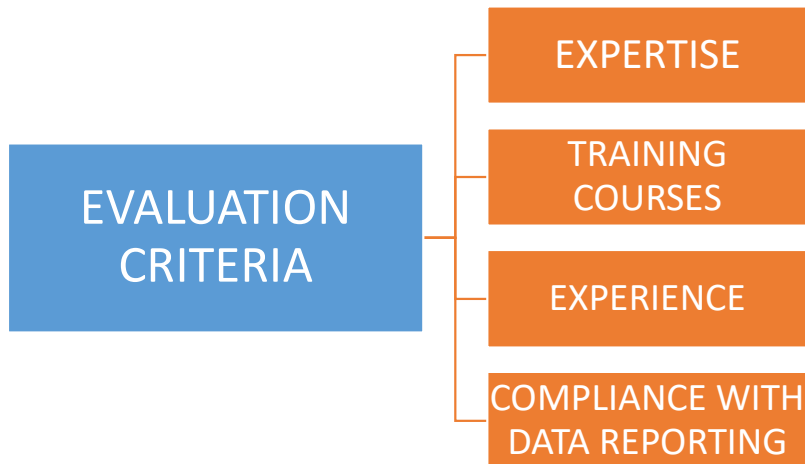
**Tabella 5.14 | Distribuzione delle procedure di affidamento di importo uguale o superiore a € 40.000 suddivise per tipologia di strumento di svolgimento delle procedure (2022)**

Strumenti di svolgimento delle procedure	Nr. CIG	% CIG	Importo	% Importo
Accordo quadro	4.029	1,7%	17.194.676.313	5,9%
Asta elettronica art.56	2.411	1,0%	1.711.765.688	0,6%
Catalogo elettronico art.57: acquisto diretto	6.062	2,6%	558.930.969	0,2%
Catalogo elettronico art.57: richiesta di offerta	7.956	3,4%	2.137.516.828	0,7%
Procedura svolta in modalità tradizionale o "cartacea"	53.925	23,1%	24.653.929.584	8,5%
Procedure svolte attraverso piattaforme telematiche di negoziazione art.58	151.480	65,0%	228.610.285.514	78,9%
Sistema dinamico di acquisizione	7.170	3,1%	14.811.757.714	5,1%
Non classificato	46	0,0%	203.096.797	0,1%
<b>Totale</b>	<b>233.079</b>	<b>100%</b>	<b>289.881.959.407</b>	<b>100%</b>

Fonte: ANAC

## ARTICLE 62-63:

For contracts above 140,000 eur (500,000 eur for works contracts), contracting authorities must be qualified.



**THANK YOU!**