MINISTRY OF ECONOMY AND FINANCE
DIPARTIMENTO DELLA RAGIONERIA GENERALE DELLO STATO

Public Purchases on the Net platform (APiR)

Rome, April 7, 2021
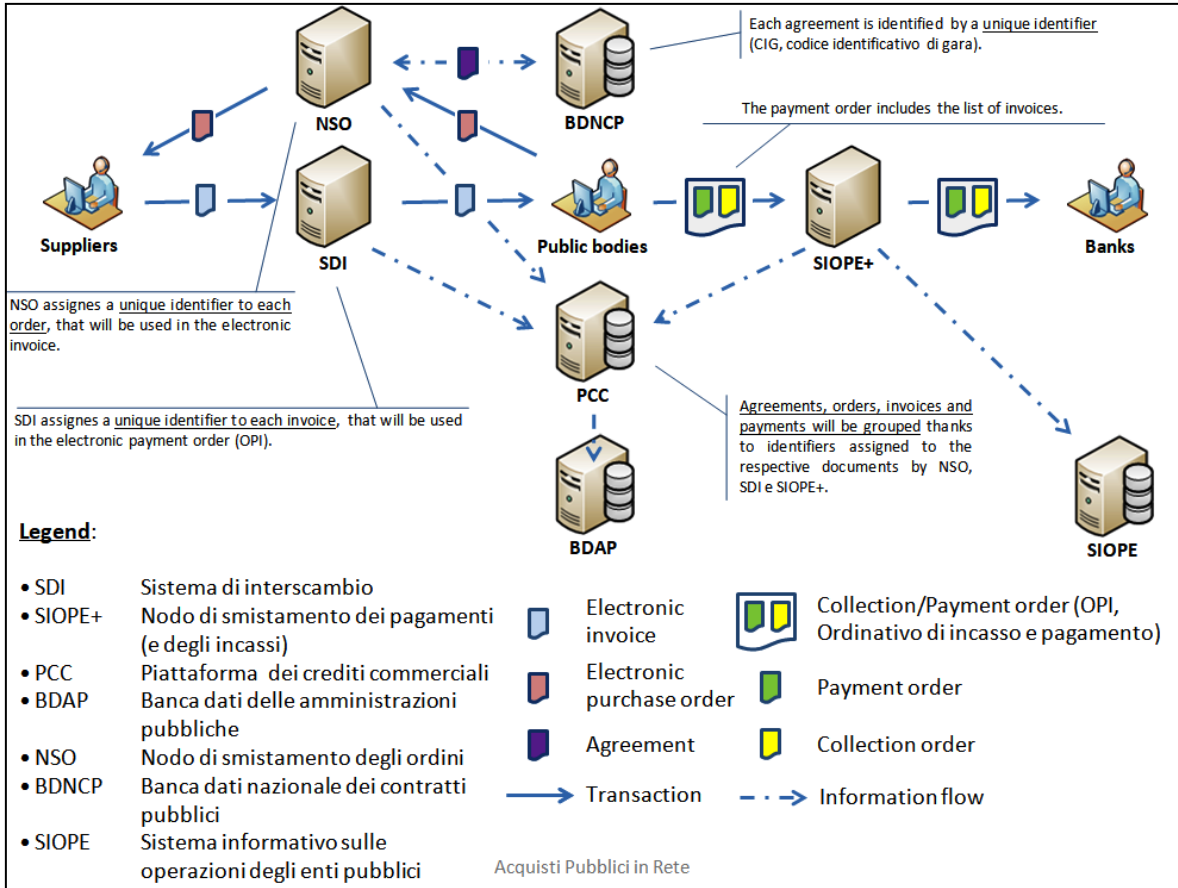
Version 1.3

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1.   PREFACE

Public Purchases on the Net platform is made up of several independent components, created and managed by different institutional parties, which are interoperable thanks to the use of common interfaces and formats.

The logical architecture of the system consists of the following elements:

- ✓ a defined set of *documents with standardized contents and formats* (electronic order, electronic invoice, payment order, etc.);

- ✓ an *orchestrator system*, consisting of the Piattaforma dei Crediti Commerciali (PCC), which collects the information contained in the transactions, manages its consistency and uses it to feed the Banca Dati delle Amministrazioni Pubbliche (BDAP);

- ✓ three *routing nodes* (NSO, SDI and SIOPE+), which have the function of managing and tracking the exchange of documents in electronic format between the actors of the process (suppliers, public administrations and banks), also through intermediaries (central purchasing bodies, consortia of companies, etc.);

- ✓ some *databases* , such as the Banca Dati Nazionale dei Contratti Pubblici (BDNCP) and the Sistema informativo sulle operazioni degli enti pubblici (SIOPE)

- ✓ *other systems* (SIMOG, NoTIER, SICOGE Enti).

Some of the mentioned systems (PCC, BDAP, SDI, BDNCP) are already fully usable, others are currently available only to certain sectors of public administration (SIOPE+, NSO).
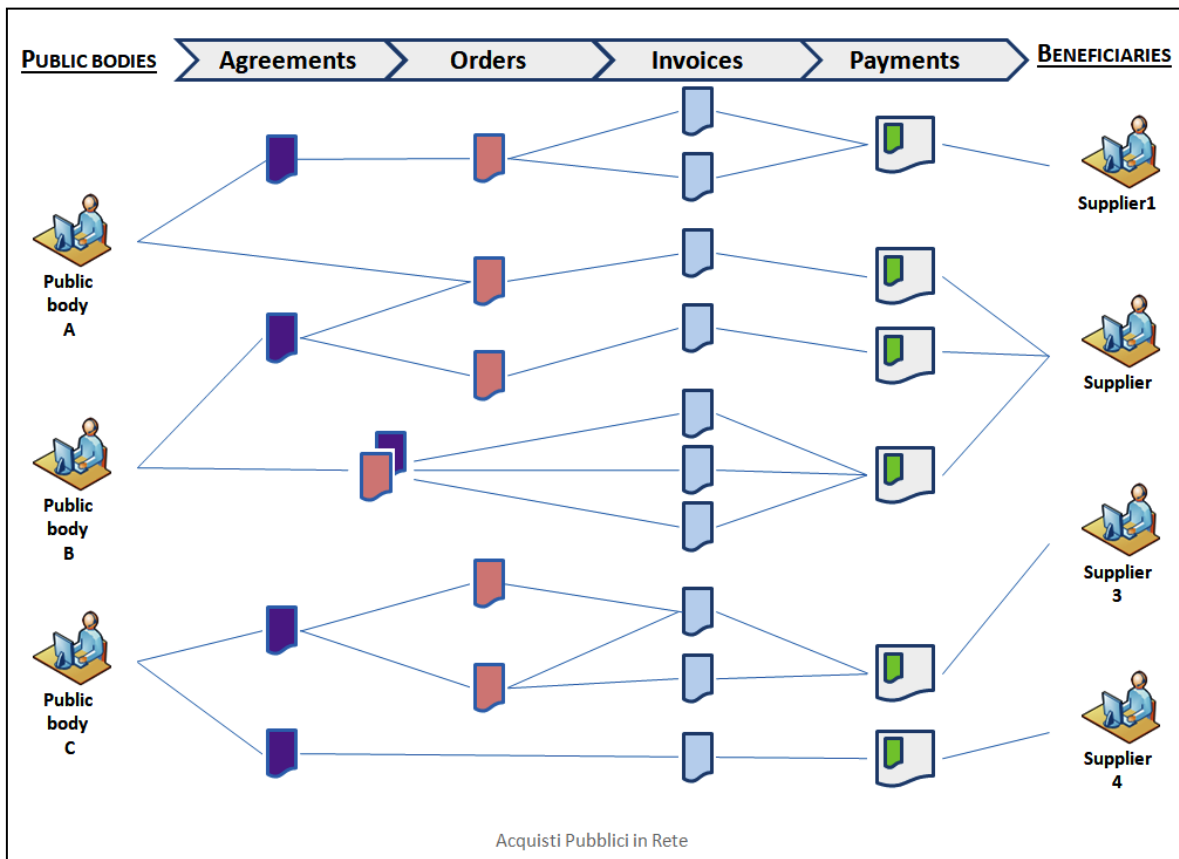
The diagram of operation of the platform is shown in the following figure.

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Each agreement is identified by a unique identifier (CIG, codice identificativo di gara).

The payment order includes the list of invoices.

NSO assignes a unique identifier to each order, that will be used in the electronic invoice.

SDI assignes a unique identifier to each invoice, that will be used in the electronic payment order (OPI).

Agreements, orders, invoices and payments will be grouped thanks to identifiers assigned to the respective documents by NSO, SDI e SIOPE+.

Legend:

- SDI — Sistema di interscambio
- SIOPE+ — Nodo di smistamento dei pagamenti (e degli incassi)
- PCC — Piattaforma dei crediti commerciali
- BDAP — Banca dati delle amministrazioni pubbliche
- NSO — Nodo di smistamento degli ordini
- BDNCP — Banca dati nazionale dei contratti pubblici
- SIOPE — Sistema informativo sulle operazioni degli enti pubblici

Symbol	Meaning
	Electronic invoice
	Electronic purchase order
	Agreement
	Collection/Payment order (OPI, Ordinativo di incasso e pagamento)
	Payment order
	Collection order
Transaction	
Information flow	

Acquisti Pubblici in Rete

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2.   THE BENEFITS OF THE PLATFORM

The integration of the mentioned systems will ensure the tracking of all the phases of public administrations procurement process, which can be summarized in four distinct but closely related stages: contract, order, billing and payment.

In the following figure, for illustrative purposes only, some possible scenarios are illustrated. As you can see, starting from any of the stages of the supply chain, it is always possible to reconstruct the whole process.

Acquisti Pubblici in Rete

Public Purchases on the Net platform will make the public administration procurement process more transparent and more efficient.

For example, suppliers (or other successors in title, such as credit assignees), through profiled access to the *Piattaforma dei Crediti Commerciali*, will be able to check if their invoices have been paid, while public bodies will be able to monitor progress in their purchase orders execution.

In addition, citizens and other stakeholders (such as media), consulting the *Banca Dati delle Amministrazioni Pubbliche*, will have more information on public spending on goods and services.