



Présidence de la République



Agence Nationale
des Infrastructures Numériques
et des Fréquences

DIGITAL IDENTITY: DATA SHARING & INTEROPERABILITY – INTERAGENCY & WALLETS

« GABON DIGITAL'S AMBITIONS »

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Building our digital sovereignty



Issues & context

Strengthen the adoption of certain digitized public services and increase the number of people holding a legal ID that facilitates their access to services.



**DIGITAL
AMBITION**

**NATIONAL
PRIORITY**

**ROLE OF THE
ANINF**

A

National priority

Digital transformation has been established as a government priority for economic diversification and is central to the country's economic and social transformation

B

Digital ambition

To advance the development of INTERCONNECTED PUBLIC DIGITAL PLATFORMS to accelerate digital transformation.

C

Role of the National Agency for Digital Infrastructure and Frequencies (ANINF)

Responsible for the coherent and coordinated implementation of the national strategy for digital development.



Gabon Digital

The Gabon Digital Program forms the foundation of Gabon's digital ambition



01

Component 1 : Favorable environment for accelerated digital transformation

02

Component 2 : Modernization of legal identification systems

03

Component 3 : Digital transformation of public administration and key services

04

Component 4 : Citizen engagement, implementation support, and monitoring & evaluation





Major Government initiatives



Launched several flagship projects based on a holistic approach:



INTEROPERABILITY PLATFORM

- Ensure data system standardization, collection, sharing, processing, and information security.
- Avoid sectoral silos within public information systems.
- Ensure coherent implementation of SNID and SPD.



NATIONAL DIGITAL IDENTITY SYSTEM (SNID)

- Establish a unique, secure, and interoperable digital identity for every citizen and resident.
- An essential infrastructure for the digitalization of public and private services.



DIGITAL PAYMENTS SYSTEM (SPD)

- Improve public service delivery by enabling citizens to pay remotely.
- Promote transparency in state revenue collection and support strategic financial dashboards.



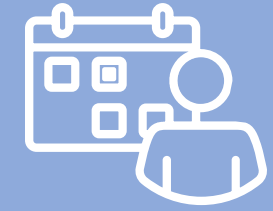


Where are we now ?

Implementation of a Proof of Concept (PoC) linked to an online service process offered to citizens



OBJECTIF



Demonstrate the feasibility of strategic digital projects before national rollout

TARGET ADMINISTRATIONS

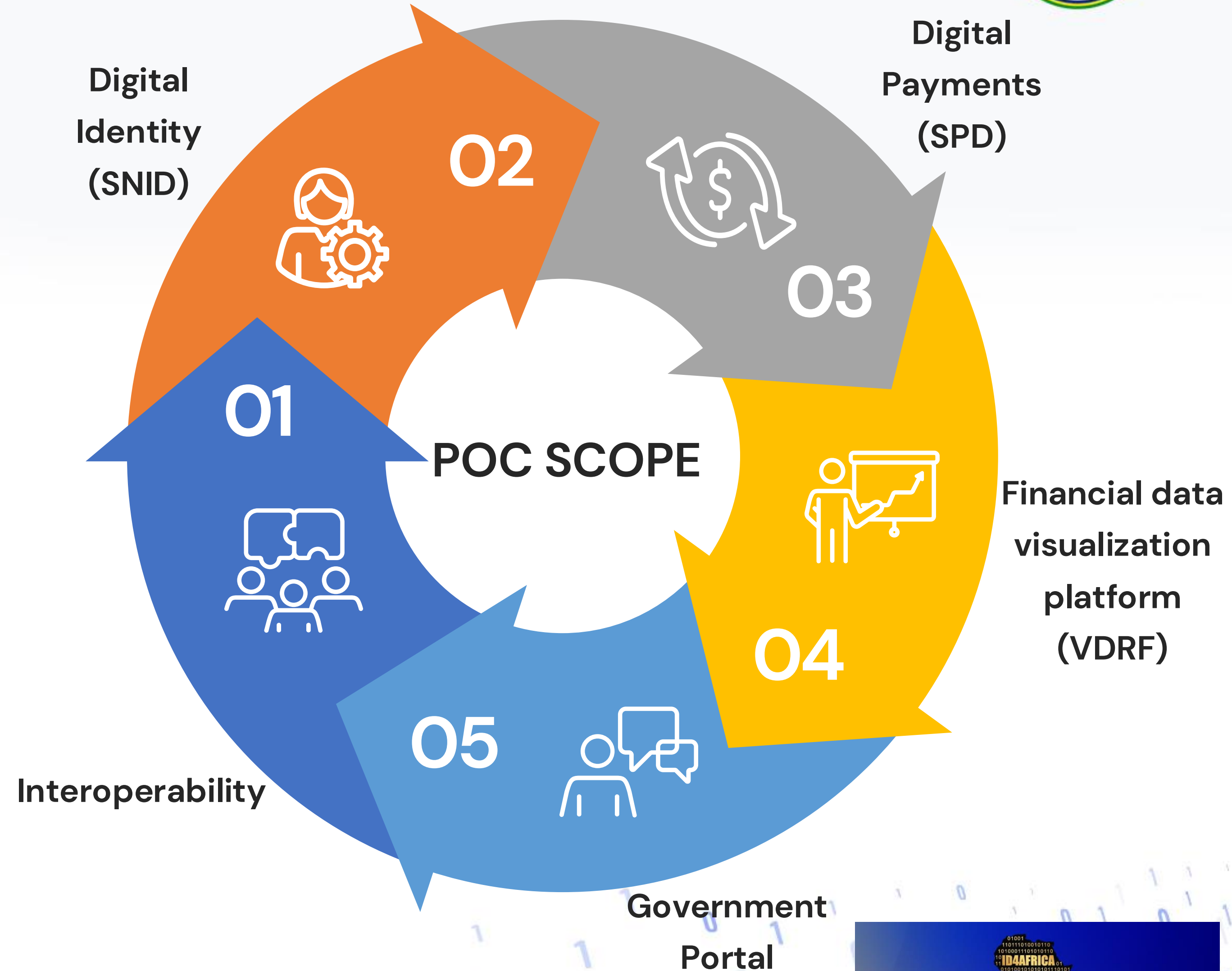


- General Tax Directorate
- General Directorate of Customs
- General Directorate of Treasury Services

EXPECTED DELIVERABLES



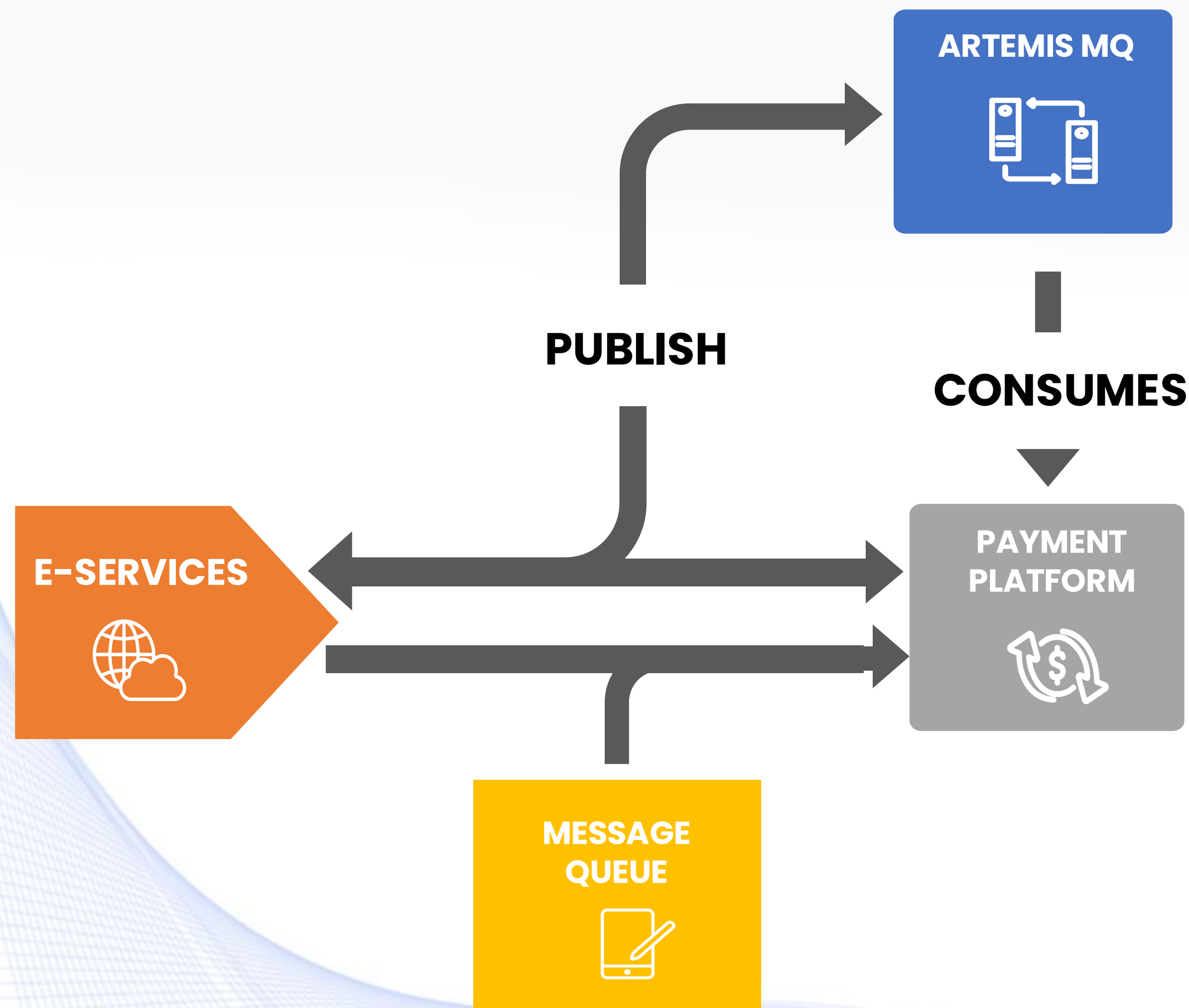
- Functional prototypes for VDRF, SPD, SNID, and Portal
- Pilot citizen enrollment and issuance of unique IDs (SNID)
- Interconnection of 3 administrations via the interoperability platform
- Effective access to a bundle of online services for a target population
- Development of a white paper and roadmap for nationwide deployment





How did we proceed ?

Interoperability enabled through ARTEMIS MQ, a message broker acting as a secure intermediary between systems.



WHY THIS TECHNOLOGY ?

- Communication via standard APIs and open protocols (REST, JSON)
- Each system publishes/consumes messages (e.g., payment requests, confirmations) via message queues
- Systems are decoupled but can exchange data in real time
- Messages are traceable, temporarily stored, and replayed if necessary
- The infrastructure is scalable, secure, and suited to high volumes and critical services

CONCRET BENEFITS ?

- Seamless and resilient integration between public services (ID, payments, civil status, taxation)
- Reduced processing time for administrative requests
- Improved citizen experience, with fewer documents required
- Greater data transparency and consistency between institutions
- More agility to evolve systems in the future without rigid dependencies



Conclusion

Use of ARTEMIS MQ is not a final tech choice; it is a trial to test cross-system exchange and coordination.



TIMELINE



01

APRIL 2025
END OF POC



02

SEPT 2025
START OF
GROUNDWORK –
DIAGNOSTIC



03

NOV 2025
ESTABLISHMENT OF A
COMMON
INTEROPERABILITY
FRAMEWORK



04

DEC 2025
START OF
INTEROPERABILITY
IMPLEMENTATION



THANK YOU FOR YOUR ATTENTION