

# e-ID TOGO



# Une identité pour tous

*« A gateway to social and economic inclusion and public sector modernization »*

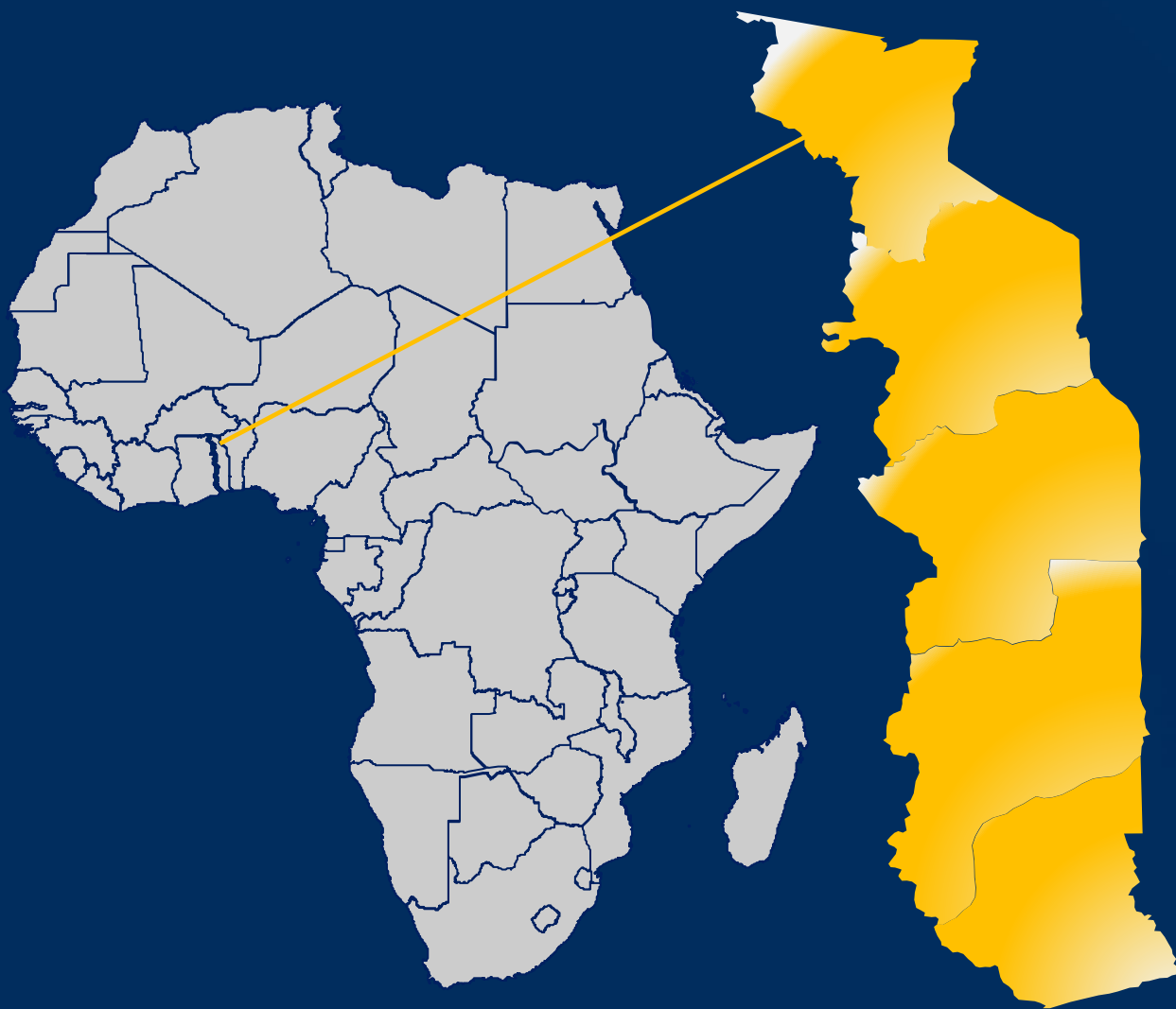
**Major Silété DEVO**  
Managing Director  
National Identification Agency  
Togo

**A vision by the President of the council**



**« No Togolese will be left behind »**

## Togo is a country in West Africa...with ID system challenges



**Area :** 56 600 km<sup>2</sup>

**Population :** ~8,5 millions d'habitants

**Official language :** French: français

**GDP :** ~US\$9–10 billion

**Main sources of revenue:** Agriculture (cotton, coffee, cocoa), phosphate mining, port and logistics services

## A key accelerator of the biometric identification project : COVID-19

- ❑ **Drastic measures necessary to contain the COVID-19 crisis had direct impact on economic activities of informal workers**
- ❑ **High risk of an increase in poverty**

Government's objective :

**Prevent a rise in the national poverty rate**

**Large-scale cash transfers in urban, peri-urban and border areas to workers in the informal sector affected by the strict measures taken.**

**No reliable civil ID system for most of the population**

**No national Universal ID System : Fragmented registries across ministries — no deduplication**

# A key accelerator of the biometric identification project : COVID-19

- ❑ **Novissi Program launched April, 8, 2020 with electoral data base**
- ❑ More than 600,000 beneficiaires ;
- ❑ **Leveraging the existing electoral biometric database**
  - ❑ Zero duplicate, zero ghost payment verified by voter's ID

**100% digital**  
USSD onboarding, direct monthly G2P transfer via mobile money

**Transparent**  
Implementation of a dashboard to provide real-time statistics

**Traceable**  
All transactions of the scheme are logged and audited daily

**Accessible**  
Voter's card for ID verification covers ~93% of the adult population

**Targeted**  
Filtering by geographical location, occupation and gender

# Why the e-ID Togo Project ?



**Reduce exclusion and strengthen socio-economic and financial inclusion**



Facilitate access to public services, social programs, financial services, health insurance, healthcare and education

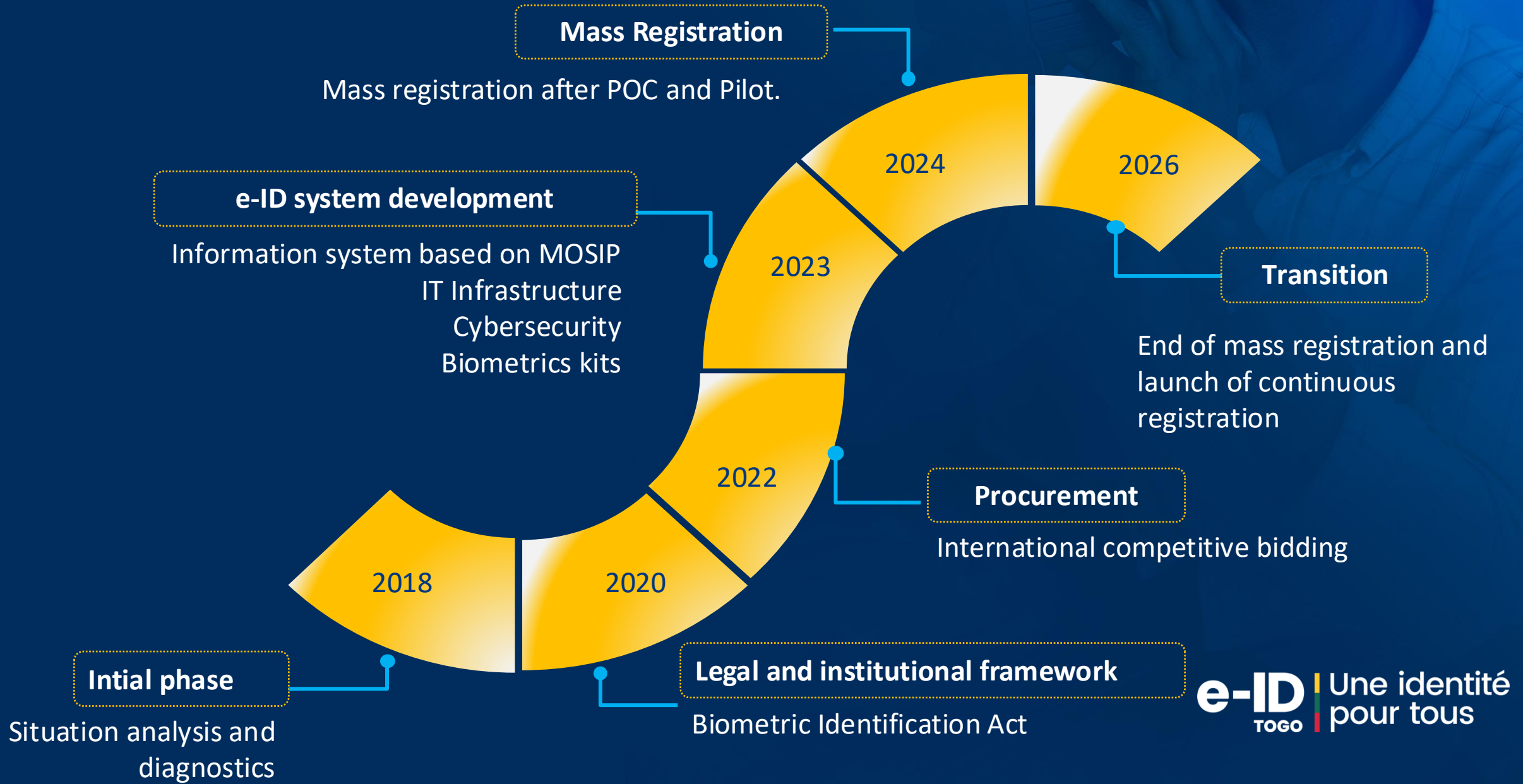
**Provide a unique, reliable, and secure proof of identity**



**Modernize state**

Accelerate the State's digital transformation (efficient online services, one-stop shop, fraud prevention)

# A Multi-Year Implementation Roadmap



# A comprehensive legal and institutional framework, still under development.



## **Biometric Act, 2020,**

Legal framework for biometric identification  
National ID Agency Creation.

**01**

## **Electronic communication Act**

Mandatory Identification of Telcos Subscribers (SIM Card Registration)

**04**

## **Data protection Act, 2019,**

Legal framework for data protection  
Data Protection Authority.

**02**

## **Electronic Transactions Act**

Secure legal basis for electronic exchange and contracts  
Legal validity of e-signature

**05**

## **Cybersecurity Act, 2018,**

Legal framework for cybersecurity  
Cybersecurity Agency Creation.

**03**

## **Digital economy framework Act**

Provides the legal and institutional foundation for digital economy  
Strengthens trust and security in digital services

**06**

With a strong ecosystem enabling a secure and resilient digital sector.



RÉPUBLIQUE TOGOLAISE

Ministère de l'Efficacité du Service Public  
et de la Transformation Numérique

Cybersecurity regulations



Digitalization of public  
administration and public  
services



Cybersecurity operations



Data privacy regulations



# The e-ID Togo system provides Unique Identification numbers based on fingerprints, iris, photo



## Based on Open Source platform : MOSIP

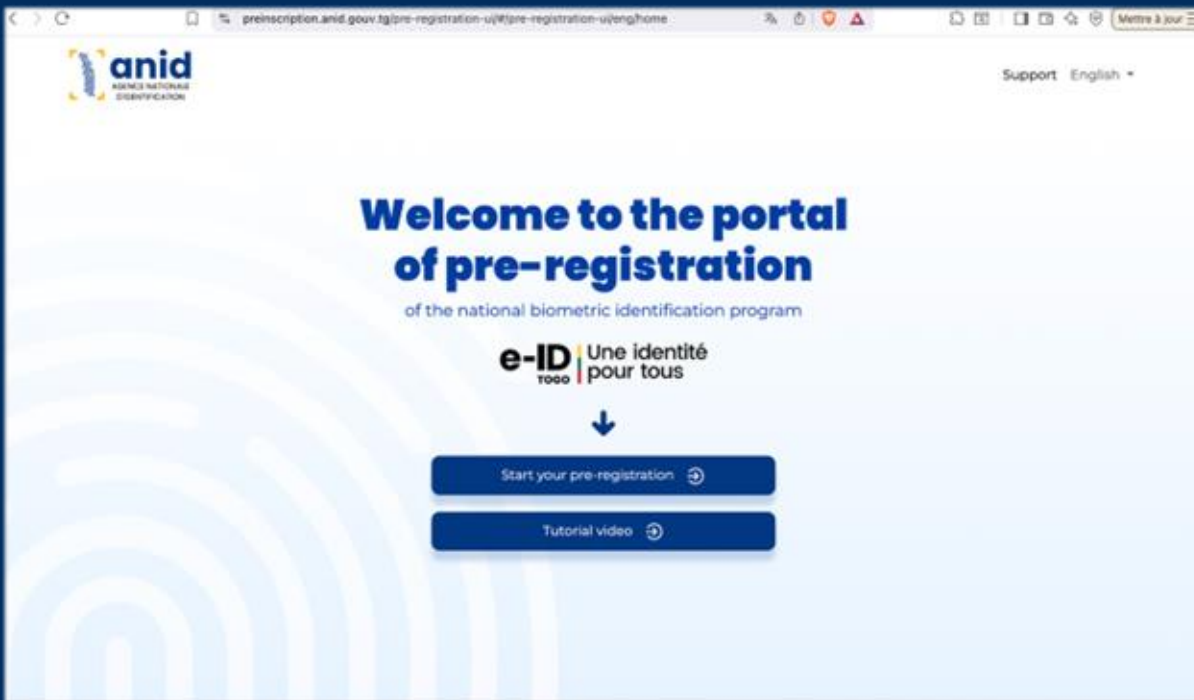
- No vendor Locking
- Open standards
- Interoprable

Strategic MoU with MOSIP, signed in November 2021, to support the national digital ID system

**Strong end-to-end engagement of Togolese IT engineers** throughout the project lifecycle

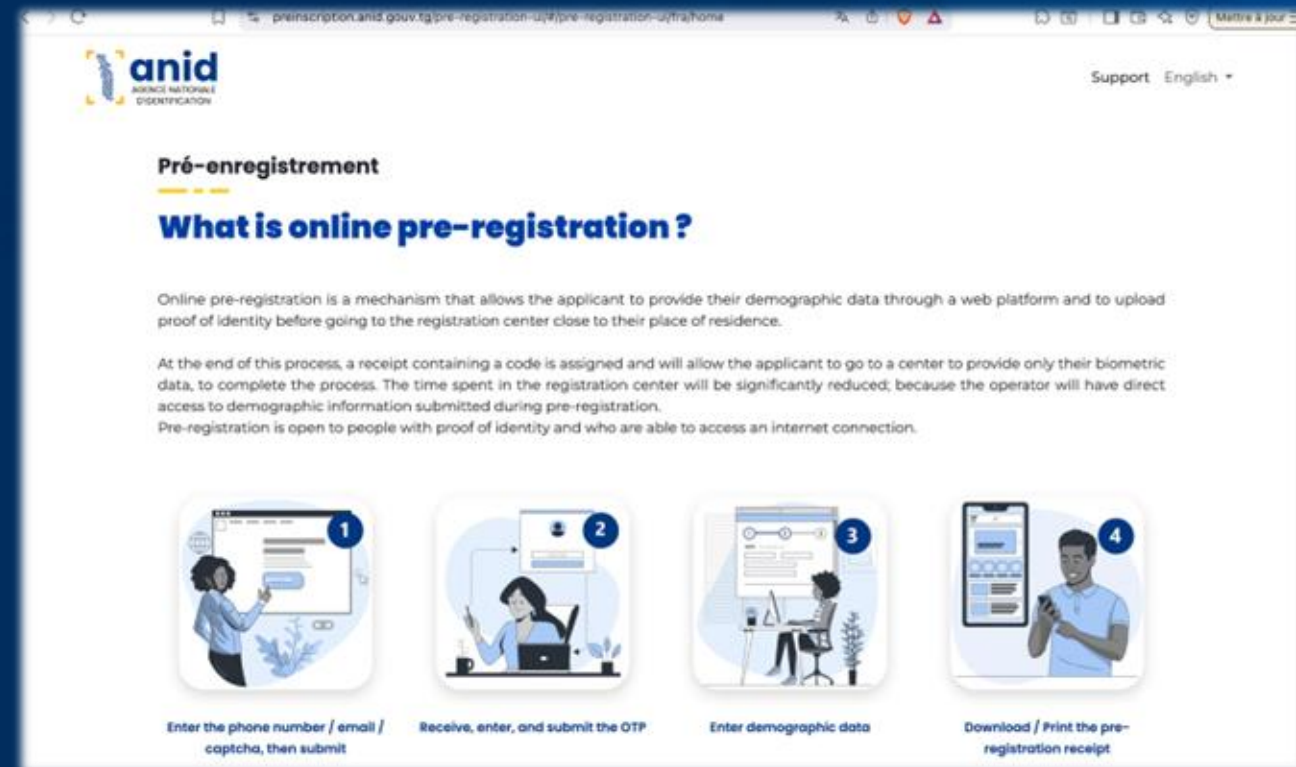
**High adaptability** to local context and needs.

# A secure public portal for resident self-registration of demographic data

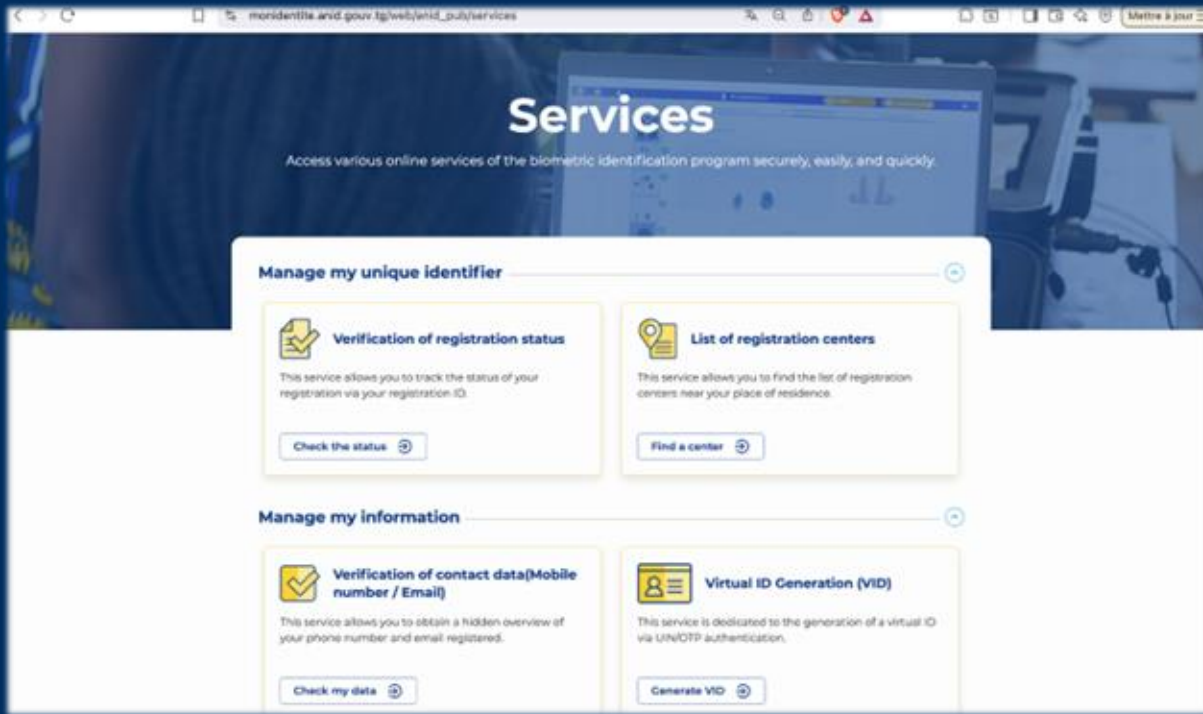


- Available online 24/7
- Accessible via mobile and desktop
- Designed for ease of use and inclusivity

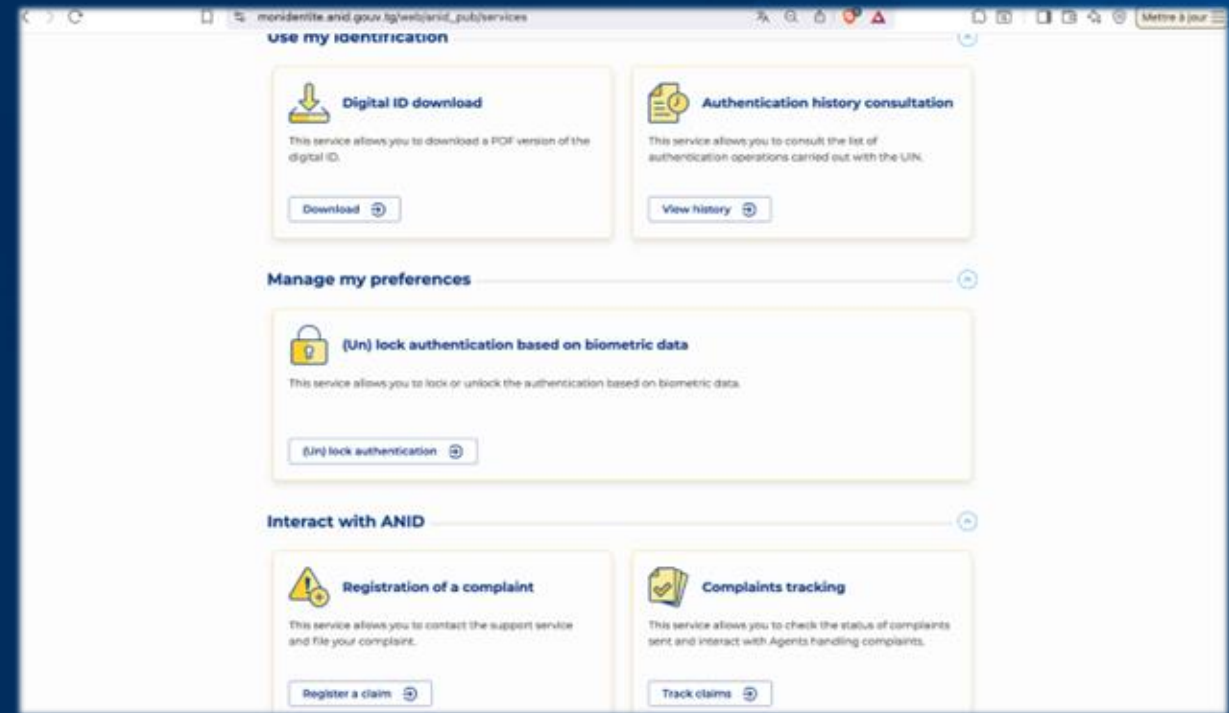
- Online demographic data capture and appointment scheduling
- QR-based pre-registration for faster processing
- Secure integration with the national ID system
- Improves efficiency and user experience



# A secure web portal enabling users to manage their digital identity online



- Online Identity Portal : [monidentite.anid.gouv.tg](https://monidentite.anid.gouv.tg)
- Provides users with a secure personal space to manage their digital identity



- Secure user access via **UIN and OTP**
- Personal **identity management and request tracking**
- **Enhances** user control, efficiency, and trust

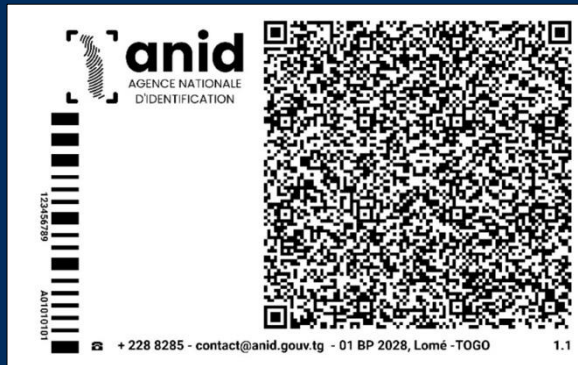
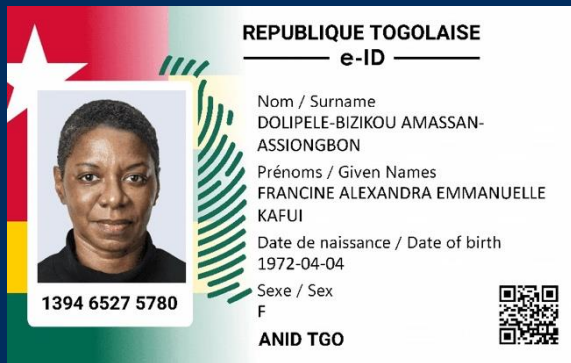
**A phased, region-by-region nationwide mass enrollment campaign driven by strong engagement of local, traditional, and religious authorities**



**1,000 kits** deployed ;  
**4,000 agents** deployed nationwide phased, region-by-region enrollment approach ;  
**A combination of fixed and mobile enrollment centers** to ensure nationwide coverage ;  
Registration **online / offline** mode ;  
**Community-based deployment** of field teams to ensure accessible biometric enrollment

# Assignment of a Unique Identification Number (UIN) with a credential

## Printing card after deduplication



Affordable e-ID card with encrypted, digitally signed QR code containing core identity data, verifiable offline and free of charge

High-capacity card printing facility with a theoretical output of **40,000 cards per day**

Produced on durable **PETG material** for enhanced longevity



### e-ID Card

**On-site identity verification**

Photo control + scan QR code



### QR Code

**Multicanal**  
Online et Offline  
Instant scan at any point of service



### Remote API

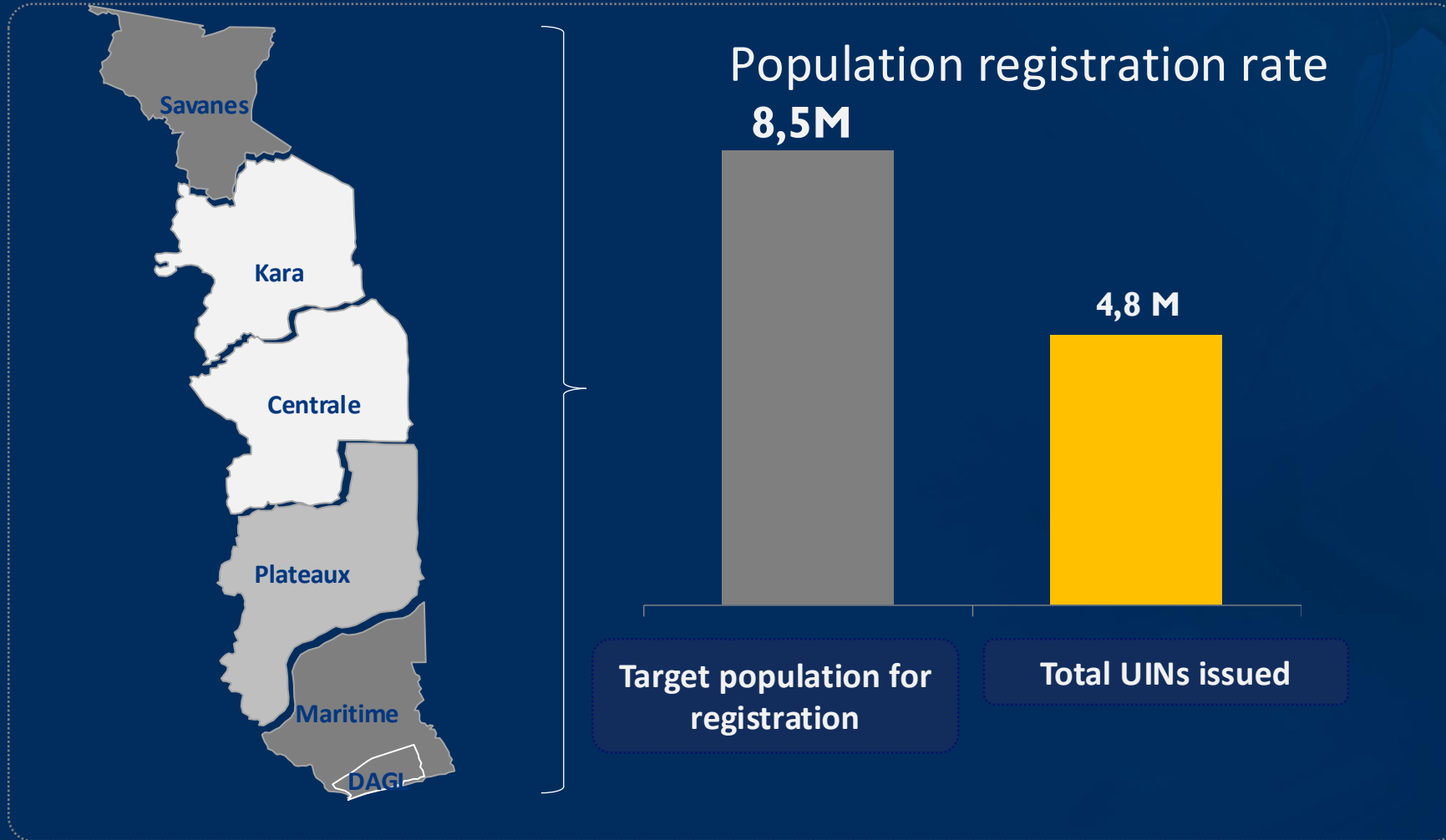
**Remote verification**  
Mobile APP/  
Online verification



### USSD fallback

**Remote verification**  
Feature phone compatible  
Works without internet

## Progress and results to date



Total cards issued

**4,5 M**

Total cards delivered

**3,2 M**

# Rapidly expanding use of the UIN across the Togolese ecosystem via verification and authentication



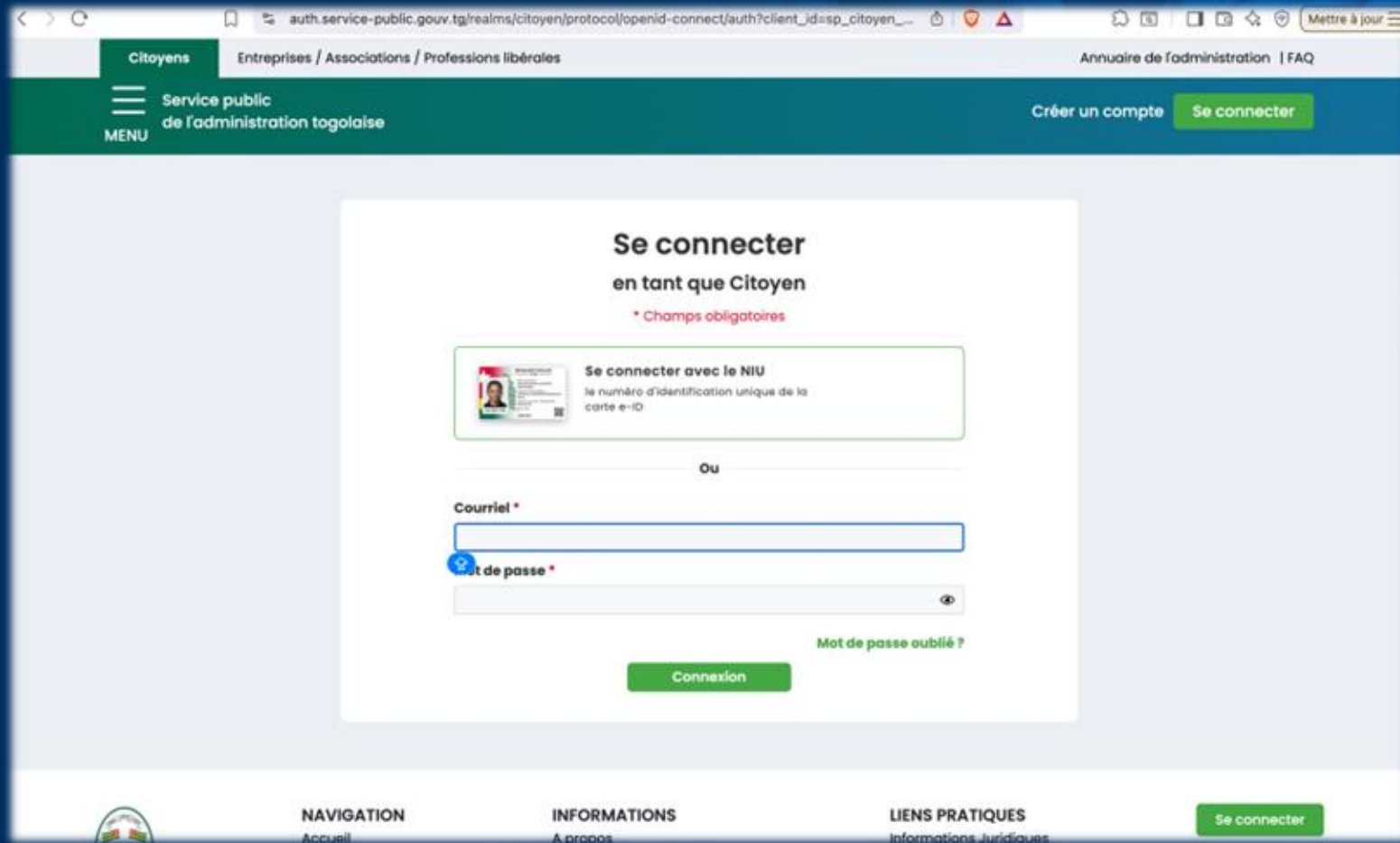
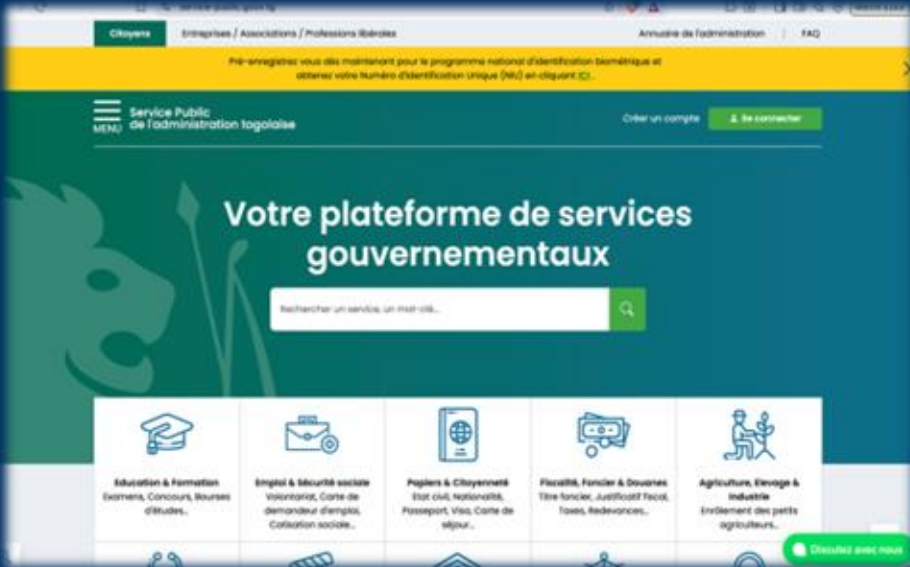
OTP



Fully deployed and actively used, including through the **digital one-stop portal for public services**

Leveraging the e-ID card **within microfinance institutions** to drive financial inclusion

# A fully integrated digital one-stop portal for public services (service-public.gouv.tg), powered by e-ID....

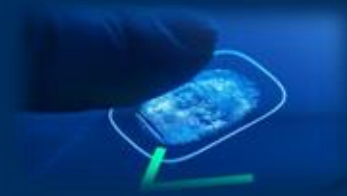


- Dual access channels to the user portal on the digital services platform (UIN or email address) ;
- Secure user access enabled through the UIN ;
- Secure authentication using a one-time password (OTP) delivered to the user's registered mobile number

# Next phase: rollout of biometric authentication and identity verification leveraging facial recognition and fingerprint modalities



Fingerprints



Selfie



# ANID is at the core of the ecosystem, serving as a trusted identity service provider



## API / Data sharing platform



## Partners

- Data custodian
- Access via data-sharing protocols and authorizations

- API + RSIA (Secure inter-administration network) based on X-Road)
- Role-based access control and authorization mechanisms
- Consent-driven data sharing
- Full traceability and audit logs
- Integration with e-ID authentication (eSignet, UIN)

- Banks and Financial institutions for e-KYC,
- startups, Fintechs,
- Publics services : Hospital, Social protection program ; Education , employment, pension, civil registry, ...

# From identity to legal transaction — how the chain delivers value



## Confidentiality

TLS end-to-end encryption. No intermediary can read data in transit

## Integrity

Digital signature on every message. Any alteration is detectable.

## Authentication

PKI certificate for every member — administration or accredited private actor

## Non-repudiation

Certified timestamp. Neither sender nor receiver can deny the exchange.

## But how can all of this be made sustainable ?

### Revenue Model

- Diversity of revenue streams : authentication, card replacement, integration with private sectors
- Establish a regulated pricing model (B2G, B2B)
- Reduce cost through open-source solution and shared infrastructure

### Mass adoption

- Integrate UIN across public services ( health, education, civil registry and private sector (banking, mobile money, sim registration)
- Develop high-value impact use cases : social protection KYC, e-government

### Governance

- Central trusted identify provider
- Clearly define roles across government and private stakeholders
- Implement a secure data-sharing framework
- Ensure compliance with data protection regulations

### Technology

- Leverage Open-source platforms to avoid vendor lock-in
- Build local technical capacity
- Optimize infrastructure
- Share experience

### Trust

- Public awareness and communication
- Transparency in data usage ;
- Grievance redress Mechanisms
- Inclusive approach (rural and vulnerable populations )

# Specific, transferable, experience-based — what Togo's journey teaches ?

## Political vision

- Clear political vision
- High level interministerial coordination ;
- Dedicated Agency with clear mandate
- Availability of funding

## Ecosystem Approach

- Public–private–partner collaboration
- Integration across key sectors (finance, telecom, services)
- Innovation-driven digital ecosystem

## Use-case driven approach

- Focus on high-impact use cases
- Deliver quick wins to drive adoption
- Design around user needs
- Scale through continuous use-case expansion

## Local context and social safeguards

- Tailored to local context and realities
- Inclusive of vulnerable populations
- Strong privacy and data protection safeguards
- Citizen-centric approach with feedback mechanism

## Local capacity

- Strong involvement of local experts
- National skills development
- Knowledge transfer and ownership
- Reduced reliance on external providers

**Digital identity is not a technology project. It is a state-building project.**



The technology is available to every country in this room.

What makes the difference is the political will to make identity the foundation of everything the State does for its citizens.