BÉNIN**RÉVÈLE**
LE NOUVEAU DÉPART

ADN AGENCE POUR
LE DÉVELOPPEMENT
DU NUMÉRIQUE

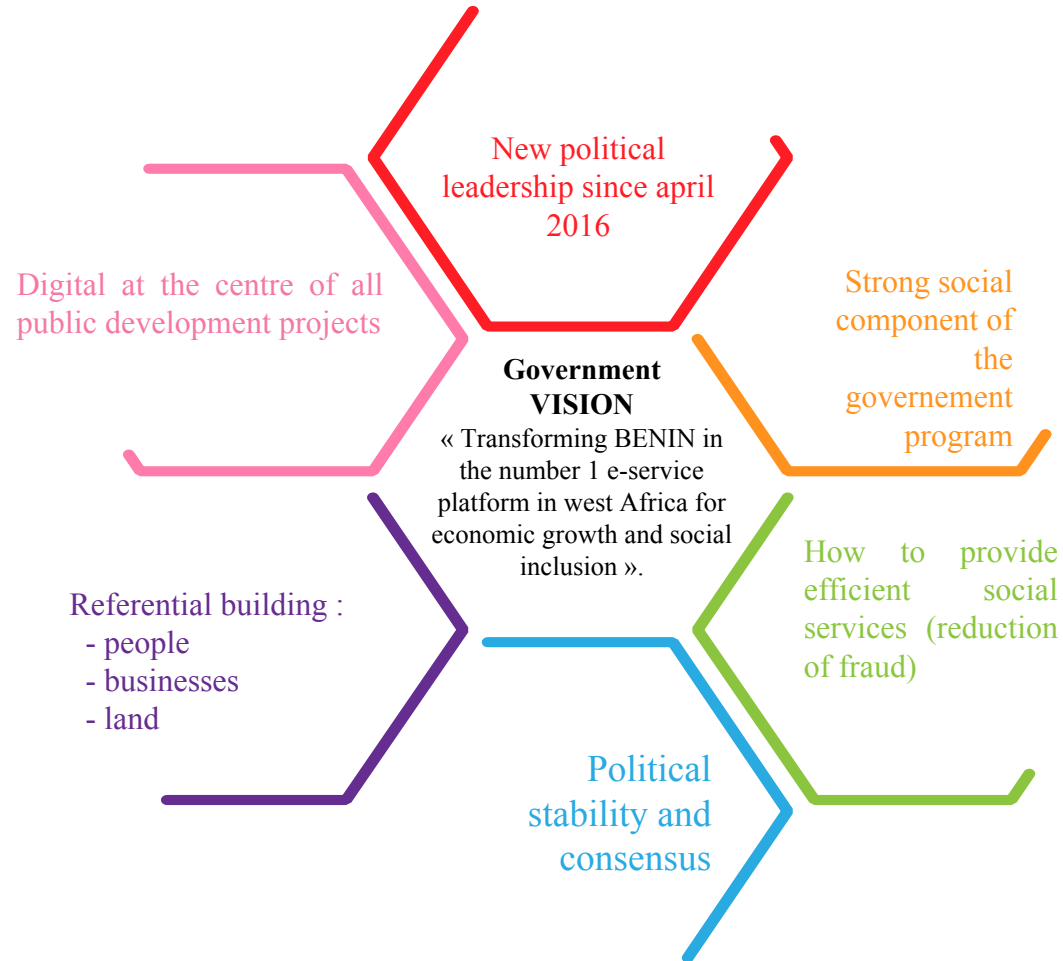PRÉSIDENCE DE LA RÉPUBLIQUE DU BÉNIN

A look at BENIN eID Experience

JOHANNESBURG - JUNE 19, 2019

BENIN HIGHLIGHTS

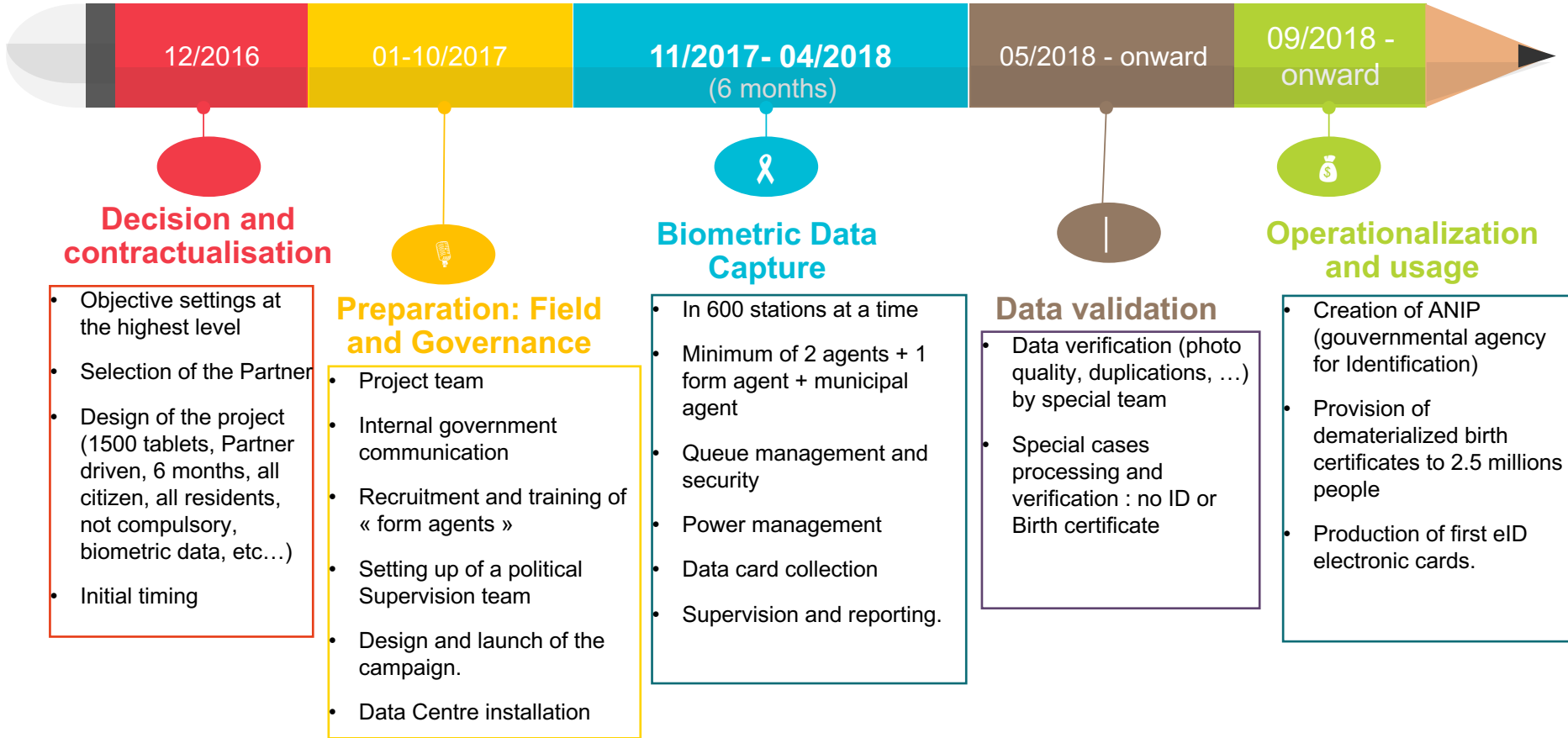- ❖ 115 000 km^2
- ❖ Population : approx 11.2 million
- ❖ GDP per capita = $928 (2018 est)
- ❖ Economic area : ECOWAS

E-ID CONTEXT IN BENIN

Digital at the centre of all public development projects

New political leadership since april 2016

Strong social component of the governement program

Government VISION
« Transforming BENIN in the number 1 e-service platform in west Africa for economic growth and social inclusion ».

Referential building :
- people
- businesses
- land

Political stability and consensus

How to provide efficient social services (reduction of fraud)

Process Timing

| 12/2016 | 01-10/2017 | **11/2017- 04/2018** (6 months) | 05/2018 - onward | 09/2018 - onward |

Decision and contractualisation

- Objective settings at the highest level
- Selection of the Partner
- Design of the project (1500 tablets, Partner driven, 6 months, all citizen, all residents, not compulsory, biometric data, etc…)
- Initial timing

Preparation: Field and Governance

- Project team
- Internal government communication
- Recruitment and training of « form agents »
- Setting up of a political Supervision team
- Design and launch of the campaign.
- Data Centre installation

Biometric Data Capture

- In 600 stations at a time
- Minimum of 2 agents + 1 form agent + municipal agent
- Queue management and security
- Power management
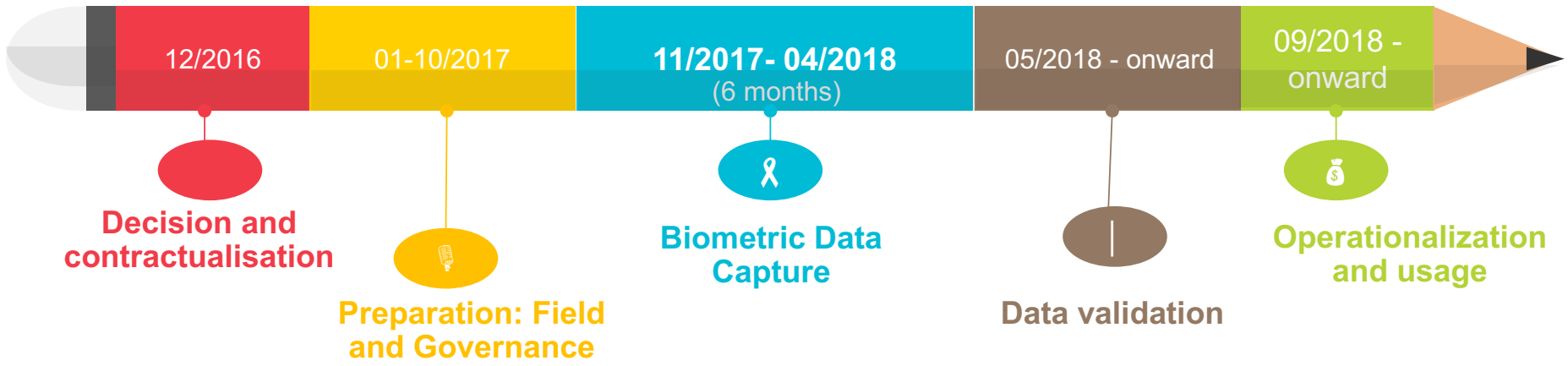- Data card collection
- Supervision and reporting.

Data validation

- Data verification (photo quality, duplications, …) by special team
- Special cases processing and verification : no ID or Birth certificate

Operationalization and usage

- Creation of ANIP (gouvernmental agency for Identification)
- Provision of dematerialized birth certificates to 2.5 millions people
- Production of first eID electronic cards.

…. And Communication, Communication, Communication

| 12/2016 | 01-10/2017 | **11/2017- 04/2018** (6 months) | 05/2018 - onward | 09/2018 - onward |

Decision and contractualisation

Preparation: Field and Governance

Biometric Data Capture

Data validation

Operationalization and usage

Communication

- Communication team
- All advert channels (Radio, TV, newspapers, billboards, etc..)
- 1 simple message on benefits, not process

EXCELLENT RESULTS SO FAR

A database of biometric records for 10 millions+ beninese

❖ Significant expectations created by the process

❖ Identification of 2.5 millions people with no proper identity for different reasons taken into account

❖ Numerous requests from different sectors of the Administration willing to use the results of the registration

❖ Launch of the Electronic National Identity Card (ECOWAS compliant) starting with the poorest

❖ Consensus that the biometric database is not meant for political / election bias

THE REGISTRATION FORM AND DATA CAPTURE

A facilitation tool

THE REGISTRATION FORM AND DATA CAPTURE

A facilitation tool

IT CHALLENGES

The database is just the tip of the IT iceberg

- Obviously the database should be set up in a very secured facility
- But the biggest challenges are rising after the massive initial registration:

  ➤ Protecting the Database from cyber attacks (hardware + software + processes) – Call on ANSSI

  ➤ Safe and simple use of data : use of clones and copy, so that queries can be processed. System urbanization required.

  ➤ Online changes on the database (processes + hardware + software)

  ➤ Cost of deploying use case : access, end points, Match-on-card, monitoring and monetization

For each use case, cost of IT (CAPEX and OPEX) are to be offset by efficiency gains on top of money savings.

CHALLENGES

A few challenges … of course

✓ What about the Beninese from abroad (diaspora) ?

✓ Heavy cost of the initial process (>USD 40 millions) … let's prove it is worthwhile !

✓ Structure and governance for the on-going registration

✓ Structure to operationalise and monetize the biometric database

✓ Management of personal data (stringent laws on protection of personal data in Benin)

✓ How these biometric data of people can be transformed in a reference database at national level ?

1ST USE CASE: CIVIL REGISTRATION

The impact on population and SDGs are high

Already in process:

- ✓ Provision of dematerialized birth certificates to 2.5 millions people without any ID

In the pipeline :

- ❖ Setting up of a centralized Civil registration
- ❖ Setting up of municipal, decentralized, registers
- ❖ New e-birth-certificate for all

OTHER USE CASES FOR BENIN

The sky is the limit ☺

Already in process:

✓ Provision of dematerialized birth certificates to 2.5 millions people without any ID

✓ Handing over of eID electronic cards to the "poorest" citizens for them to access free health services (strong and immediate authentication was required)

In the pipeline :

❖ Electronic ID card (ECOWAS compliant) to 5 million people within 2 to 3 years and progressive phase out of existing laminated ID

❖ Personal Identification number (NPI) to be paired with SIM Cards

❖ Social security services (pension, disability, etc…) will be served quicker if you have an ID card. The contact chip will help eradicating fraud.

❖ All administrative documents delivered by government will have the NPI of the person concerned

❖ Services will be offered to banks and insurance companies to simplify the KYC

❖ Etc ….

IN CONCLUSION :

GO FOR IT ! NOW ☺