MORPHOTABLET MAKES PRESIDENTIAL ELECTIONS IN COTE D'IVOIRE EASIER

ICAO symposium

/ Montreal – October 2015 /

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AGENDA

/01/ **Context**

/02/ **Challenge**

/03/ **Solution**

/04/ **Lessons**

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/01/

CONTEXT

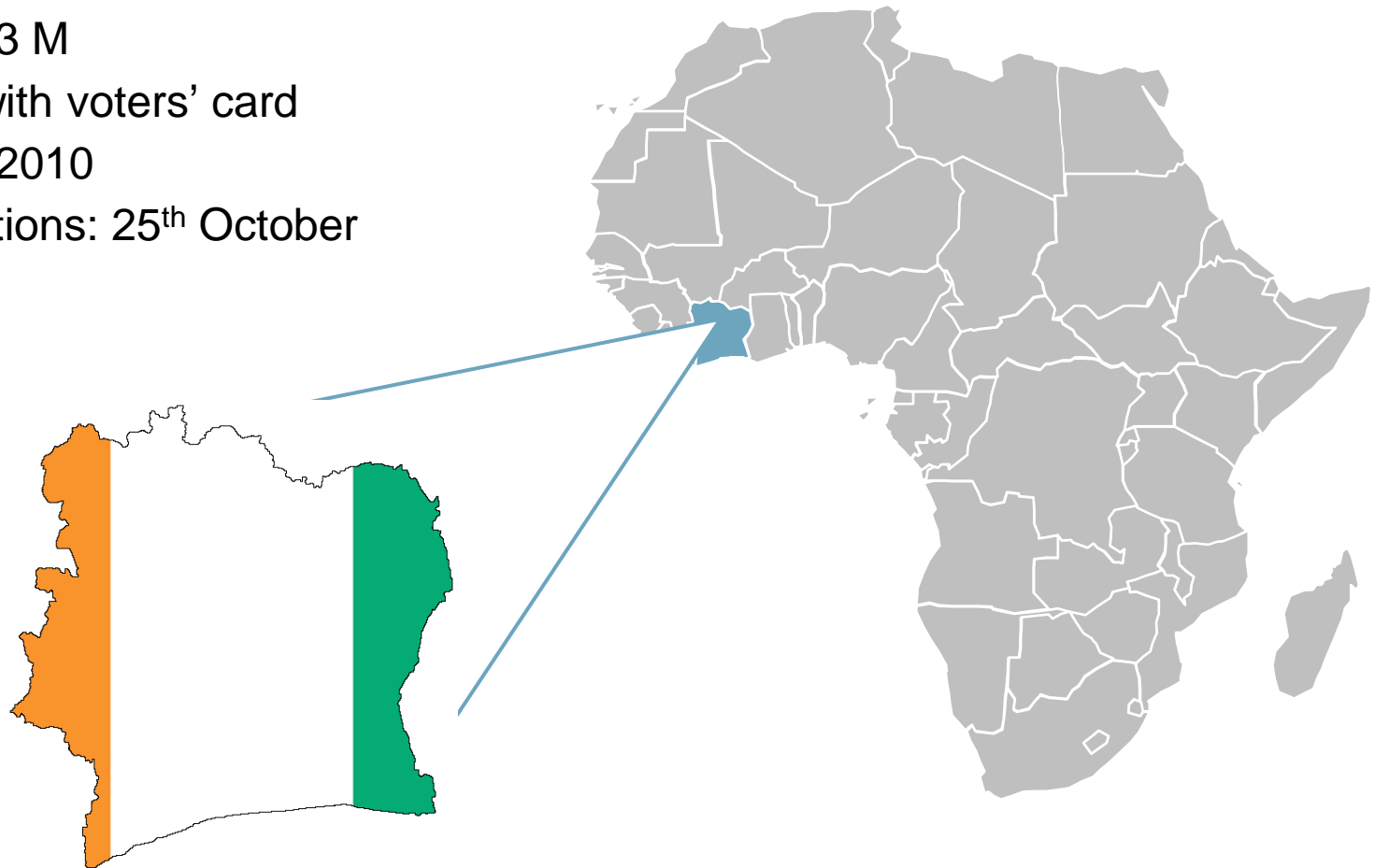# THE COUNTRY

→ **Côte d'Ivoire**

- Population: 23.3 M
- Voters: 6.3 M with voters' card
- Last elections: 2010
- Upcoming elections: 25th October

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/02/
CHALLENGE

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AT STAKE

➔ **Update existing voters' list**

- Either those never registered
  - 10 fingerprints
  - Alphanumerical data
- Or those wanting to modify their data

➔ **Authenticate voters on the date of elections**

- One polling station, one MorphoTablet

➔ **Transmit turnout and elections results in real time**

- One polling station, one MorphoTablet

/03/

SOLUTION

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MORPHOTABLET™

➔ **A cost efficient, versatile tool…**

- MorphoTablet fulfills different enrolment, authentication and identification needs
  - Elections
  - National identity
  - Police
  - Border control
- With or without biometrics
- Secure (encryption)

➔ **… in line with realities of the ground**

- Remote areas
- Harsh conditions (dust, power, connectivity, …)

- Enrolment:
  3,000 MorphoTablets

- Authentication on elections date:
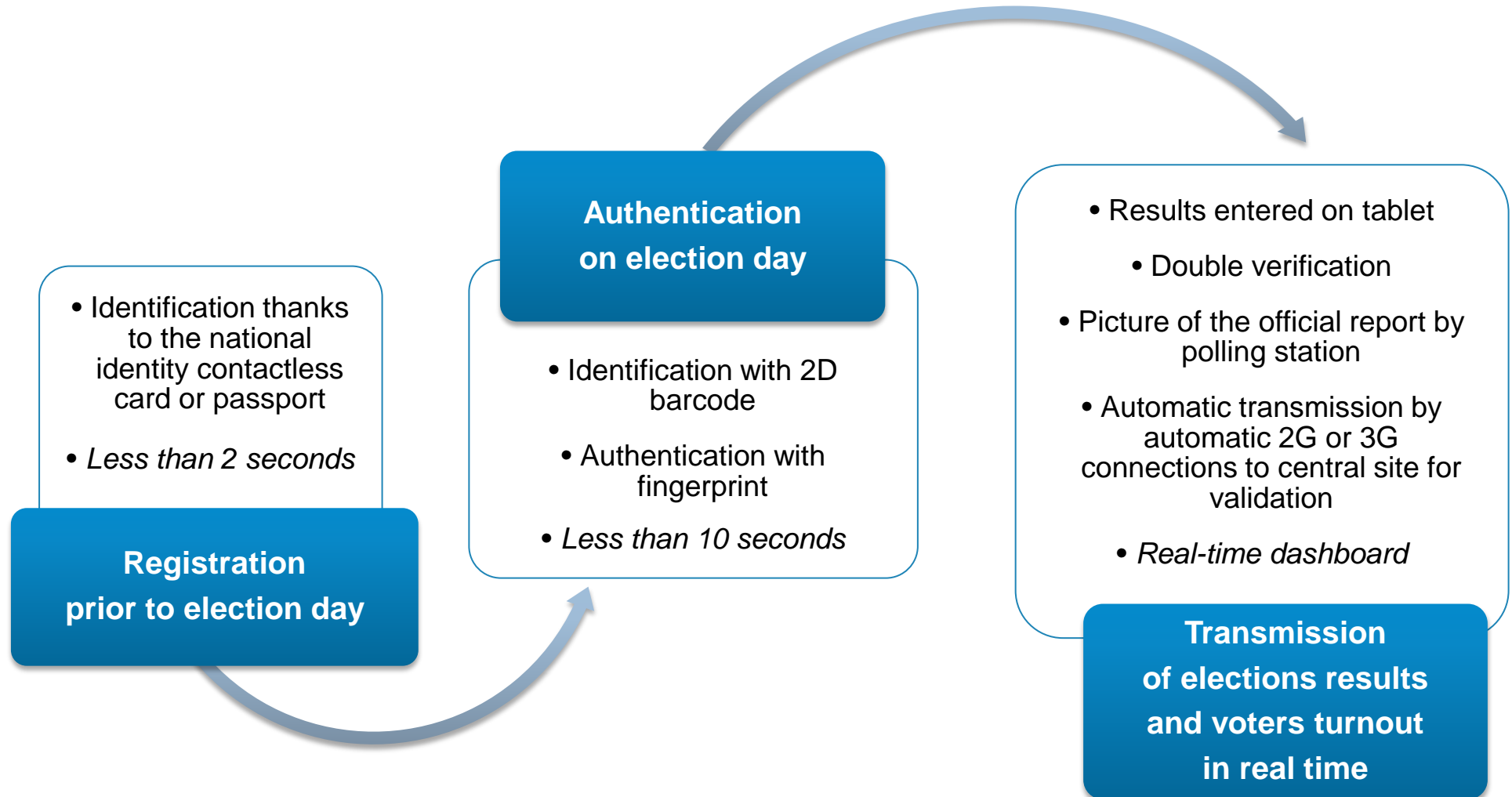 **22,000** MorphoTablets
  in less than 2 months

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PROCESS

**Authentication
on election day**

**Registration
prior to election day**

- Identification thanks to the national identity contactless card or passport
- *Less than 2 seconds*

- Identification with 2D barcode
- Authentication with fingerprint
- *Less than 10 seconds*

- Results entered on tablet
- Double verification
- Picture of the official report by polling station
- Automatic transmission by automatic 2G or 3G connections to central site for validation
- *Real-time dashboard*

**Transmission
of elections results
and voters turnout
in real time**

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/04/

LESSONS

BENEFITS OF MORPHOTABLET™

→ **Ease of use**

- Easy to carry, light
- Tactile tablet
- User-friendly

→ **Portability**

→ **Secure**

→ **Two modes**

- Online
- Offline to cater to remote areas without connectivity (use of USB or SD cards)

→ **Power efficient**

- Can last up to 2 shifts with its external battery

→ **Re-use**

- Other government entity can use the tablet for eID or passport control, birth declaration

Morpho capable of mobilizing resources for large scale projects in short timeframes

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KEY MISSIONS, KEY TECHNOLOGIES, KEY TALENTS

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