

ICT and Elections

CAPE VERDE EXPERIENCE

Information Technology and Elections Management
Informed Decisions for Sustainable Outcomes

5/9 March 2012 Mombasa, Kenya

Guevara Cruz

Agenda

Cape Verde in Numbers

Voter registration Process

Election Day 2011

Conclusion

Cape Verde key figures

Population - 491. 600 habitantes

Area – 4, 033 square km

Growth rate – Average 6%

Income per capita - 3.826 USD

Inflation Rate - 2%

Unemployment rate - 13%

Cape Verde key figures

Education - Literacy

- 79% (Adults) and 97% (youth)

Health - life expectancy

- 76 years (women) / 73 (Men)

Considered most stable country in Africa for the year 2011-12

People registered (ELECTION)

- ~315.000

Cape Verde in numbers

Mobile penetration

- **75%** (ITU, 2011).

Internet access

- **2000 to 2011 - From 2% to 30%** (www.itu.int, 2011)

Computer access

- **10.8%** (INE.CV, QUIBB 2007)

Democracy Index 2011

Pais	Ranking	Resultado Global	I Processo Eleitoral e Pluralismo	II Funcionamento das Instâncias Governamentais	III Participação Política	IV Cultura e Maturidade Política	V Direitos Cívicos
Noruega	1	9.80	10.00	9.64	10.00	9.38	10.00
Suécia	4	9.50	9.58	9.64	8.89	9.38	10.00
Estados Unidos	19	8.11	9.17	7.50	7.22	8.13	8.53
Maurícias	24	8.04	9.17	8.21	5.00	8.13	9.71
 Cabo Verde	26	7.92	9.17	7.86	7.22	6.25	9.12
Portugal	27	7.81	9.58	6.43	6.11	7.50	9.41
África do Sul	28	7.79	8.75	8.21	7.22	6.25	8.53
Botswana	33	7.63	9.17	7.14	5.56	6.88	9.41
Timor Leste	42	7.22	8.67	6.79	5.56	6.88	8.24

In house solution

Cape Verde Approach to “Integrated Administration” was innovative and self directed

Cape Verde was innovative by introducing the concept of integrated vision for the public administration, sustained by national competencies since 1998. This concept was validated by UN (From e-Gov to connected Gov) in 2008.



EMBs



CNE

National Electoral Commission

Guarantee that elections are conducted in accordance with the electoral laws in a manner that reflects the will of the people;

- etc.



DGAPE

General Directorate for Electoral Management

- Provides all logistic activities for electoral process
- Maintenance and management of the electoral system

....



NOSI

ICT Support



CRE

Registration Office

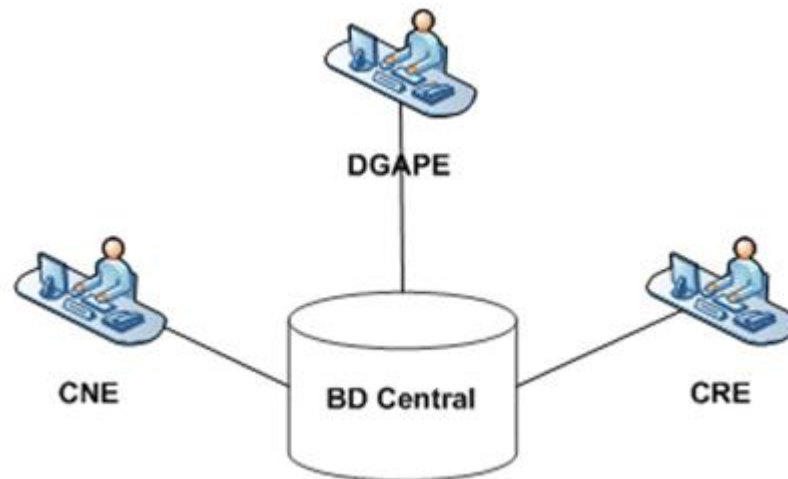
- Independent
- Execute the registration process in the field
- Management of the processes registration
 - Update
 - Eliminate
 - Address Transfer

- etc.

Stakeholders for Data Integrity

Objective - Ensure that all legitimate voters will be able to vote and there are no cases of double registration

Possibility of instant and simultaneous use of data has eliminated any geographical borders



Why ICT in election?

Unique record

Nationality issues

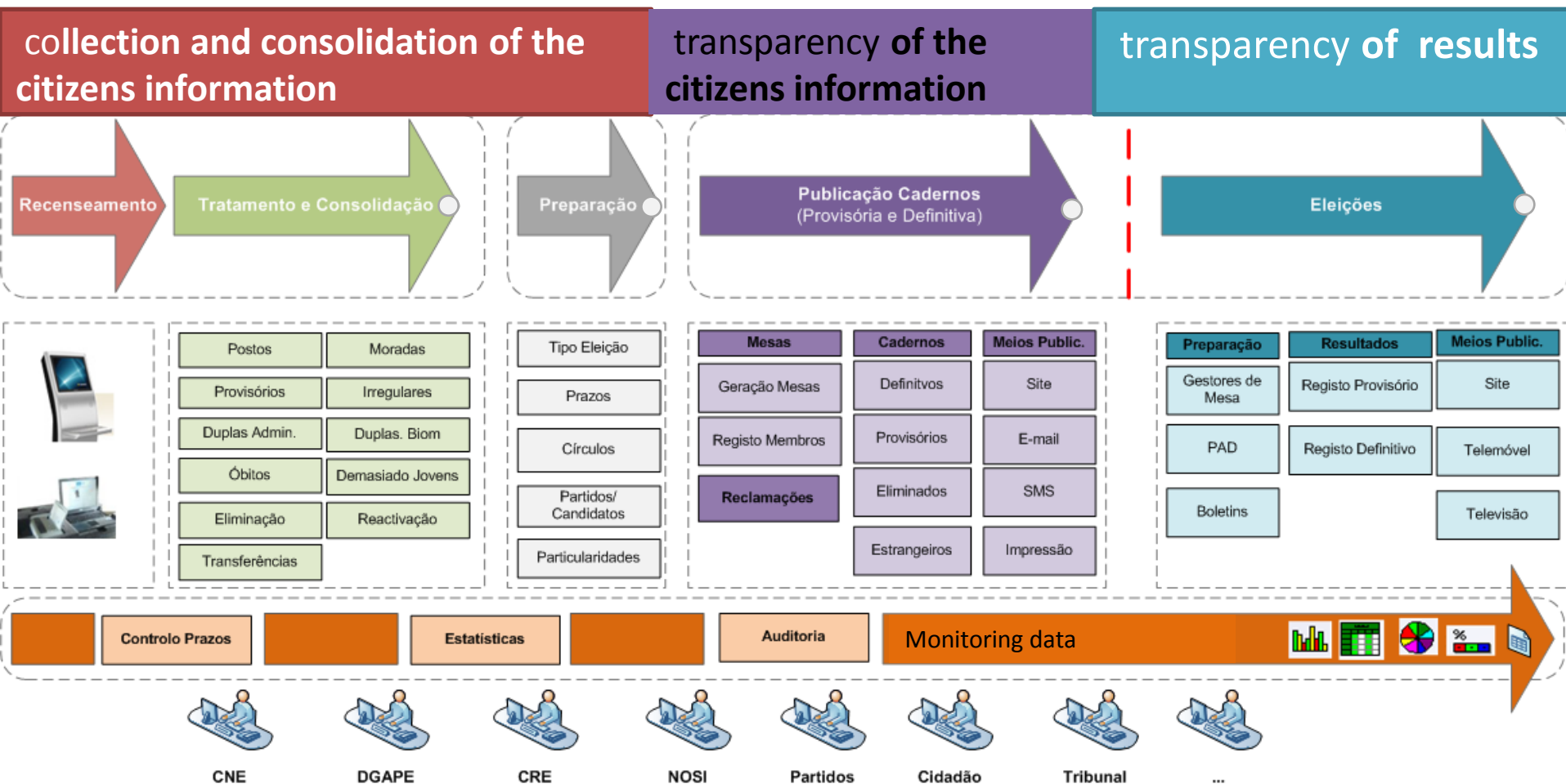
Inactive citizens (deaths)

Continuous registration

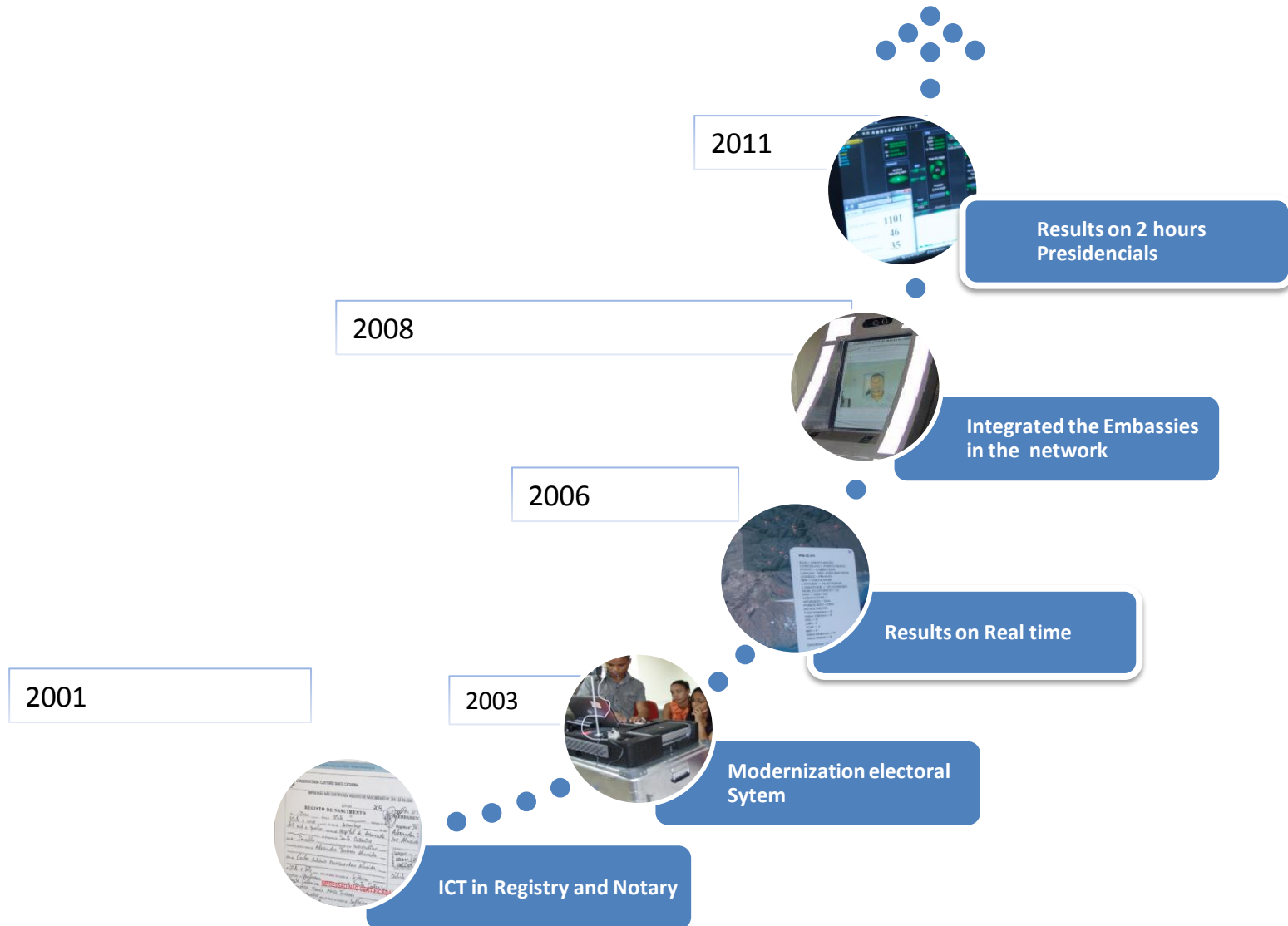
ID Card

Keeping the public informed

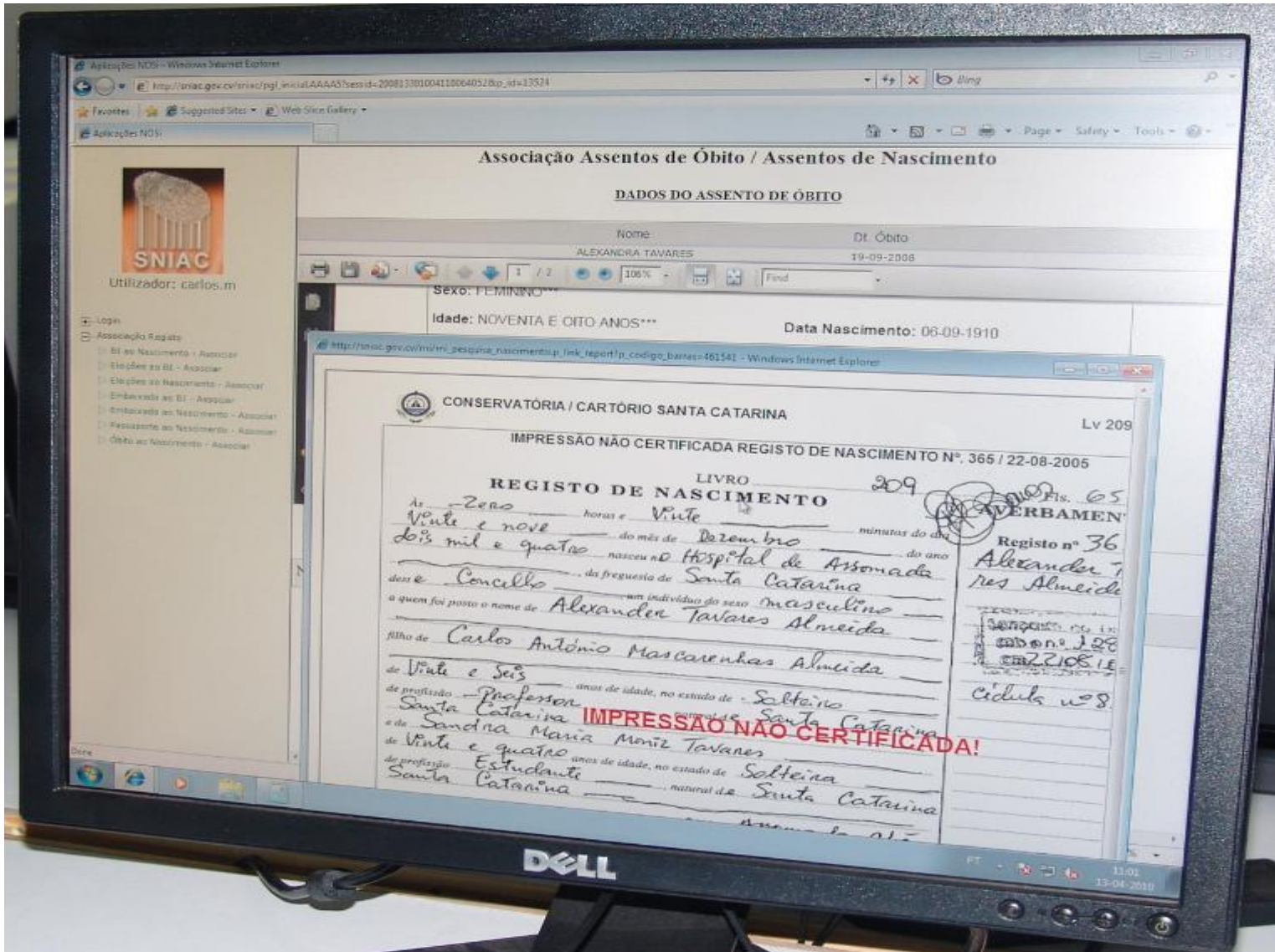
Phases of Formal Electoral Procedure



ICT and Election - Our Experience

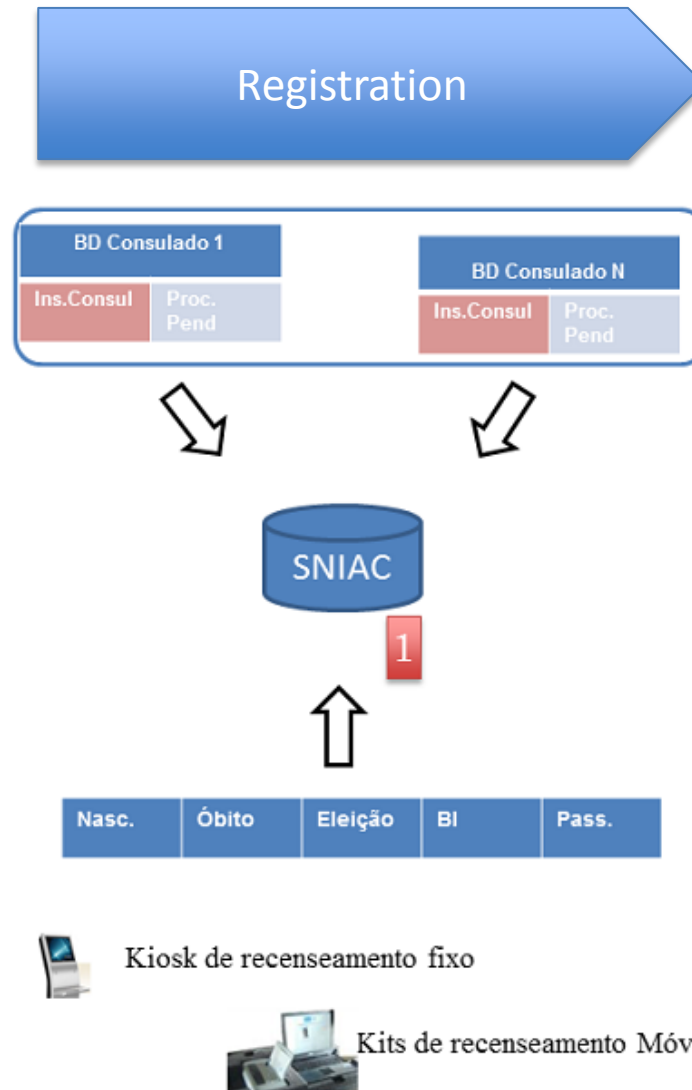


1,5 million Digization Records



Voter Registration Process

Integrated Data Collection



Registration Process

Distribution devices for all consulates and embassies

On Job Training to electoral Officers.

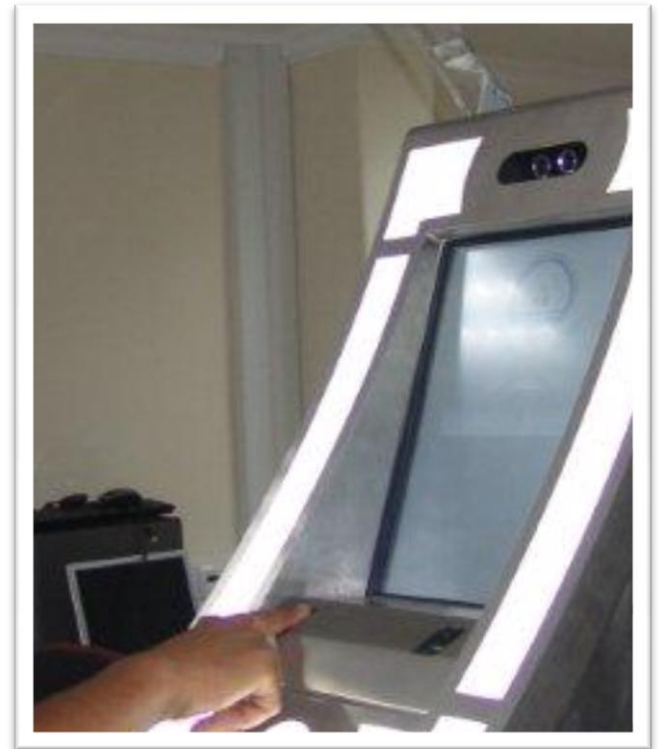
Deploy Team in all Islands



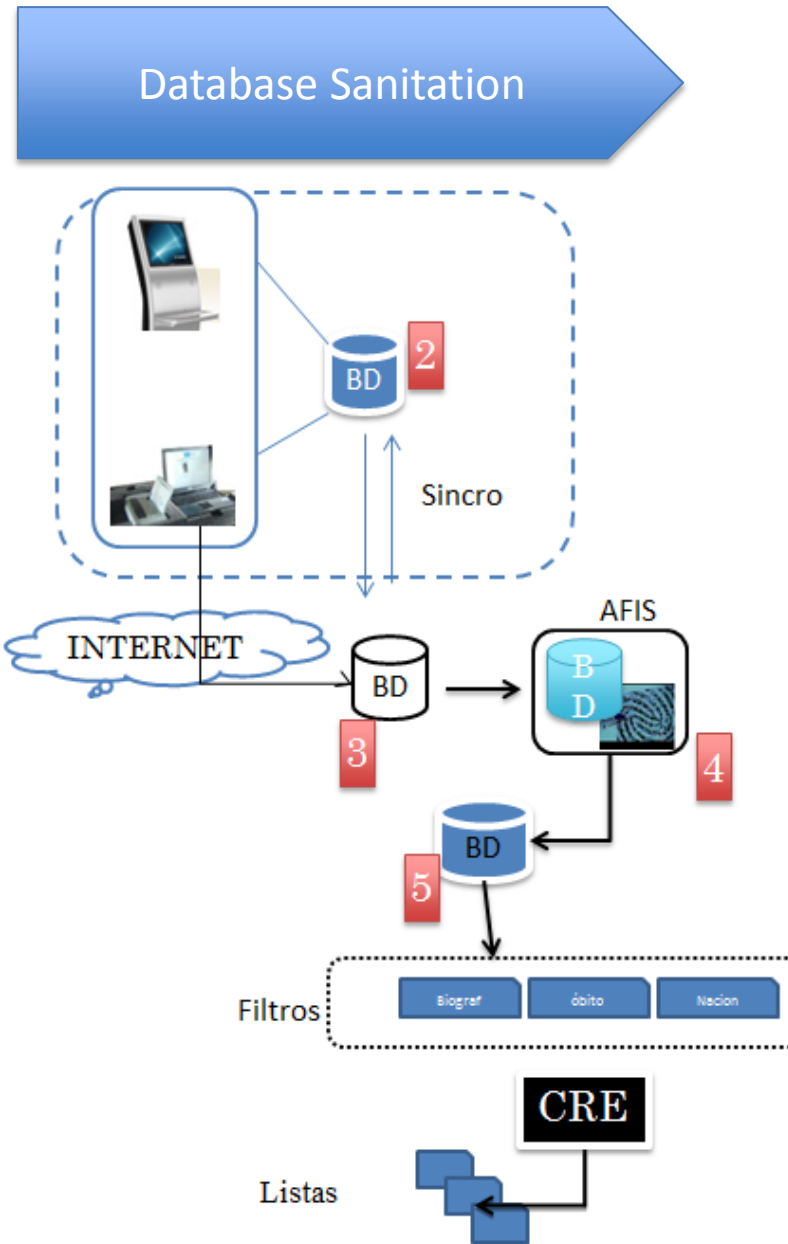
Biometric Devices

Improved Efficiency in Election Process

- Electronic Electoral census with biometric data collection
- Biometric information (fingerprints) prevents voter fraud



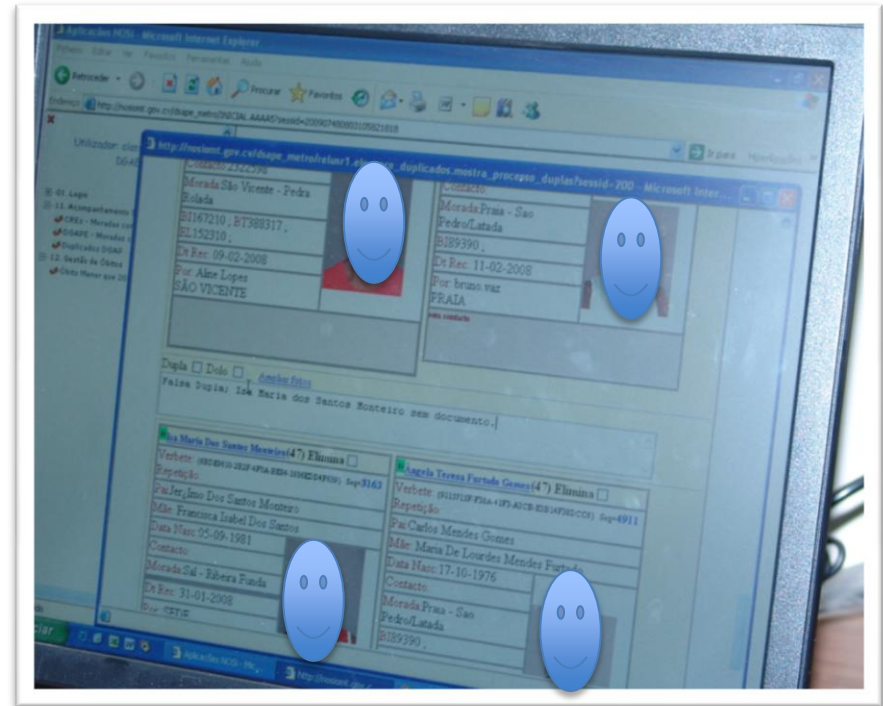
Integrated Data Collection



Promoting data integration

Improving election data base

- Integration of system in same DB



Information distribution

Information



Internet enable DB

Call Center

Broadcast SMS



Porton di nos ilha

Morabeza e Qualidade

REPÚBLICA DE CABO VERDE



Bem Vindo, GUEVARACRUZ

[Papel Cidadão](#)

[Sair de Sessão](#)

[Alterar Password](#)

CIDADANIA

NEGÓCIOS

NOS TERRA

EMPREGO

NHA DOSSIER



[Nha Dossier](#)

ALERTAS

GUEVARA VIRGÍLIO MARTINS DA CRUZ

BI: 105635

NIF: 110563557

EMAIL: GUEVARA.CRUZ@NOSI.CV

ENDEREÇO: PRAIA

[alterar dados»](#)

RAPIDINHAS

FORMULÁRIOS ELETRÓNICOS

- GP010 - Imposto de Selo

☐ PORTAL ☐ DGCI ☒ ELEIÇÃO ☐ ALFÂNDEGA ☐ CULTURA ☐ BQE

INFORMAÇÃO ELEITORAL

CÓD. RECENS. : {47BDFE82-AE28-4D05-B278-B6D2C22C6652}

NOME COMPLETO: GUEVARA VIRGÍLIO MARTINS DA CRUZ

FILIAÇÃO: VIRGILIO JOSE DA CRUZ E JOANA FREIRE MARTINS DA CRUZ

DATA DE NASCIMENTO: 04-08-1975

NATURALIDADE: CABO VERDE * PRAIA * NOSSA SENHORA DA GRAÇA

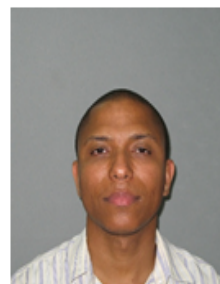
DOCUMENTO DE IDENTIFICAÇÃO: BI 105635

CONCELHO: PRAIA

POSTO: BD - ACHADA SÃO FILIPE

LOCAL VOTO: ESCOLA JÚLIA COSTA

MESA: PR-BD-03



Accomplishments

National Registration and Identification integrated System

Digitization of existing registry

New registration Process

Embassies and Consulates accessing the Registration System

Biometric Out of country registration

Voter registration list on the internet

**Cape Verde applies ICT in VR as a step
to a final challenge Provide a
unique repository of citizen
Identification and authentication**

2011 Presidential Election

Election Day

Voting



Polling Staff
Authentication
(Tablet)



Manual secret voting

In the Future All digital vote

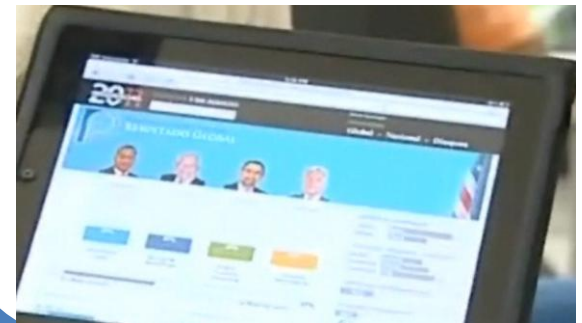
Reporting Process

Transparent Results

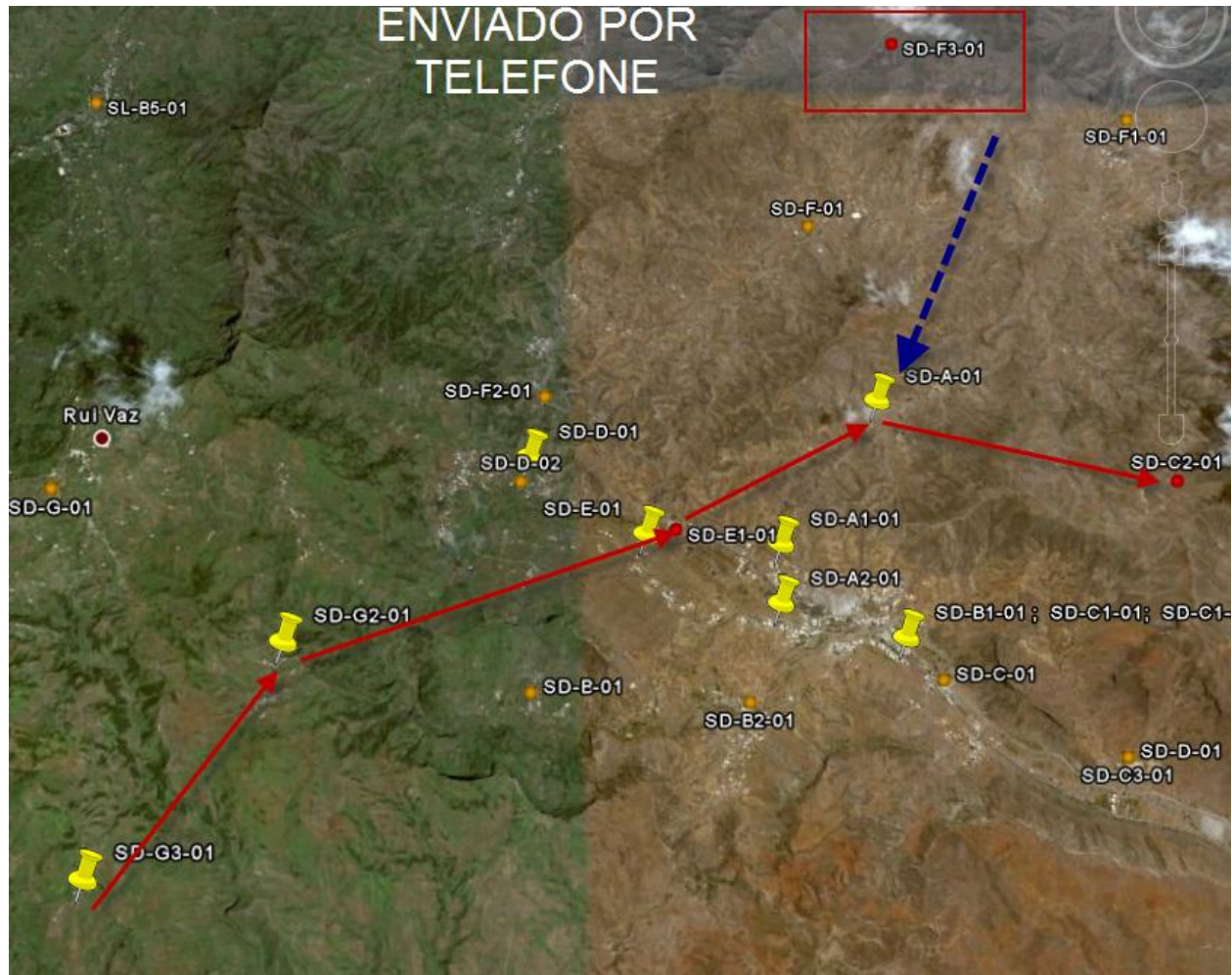
Vote Counting



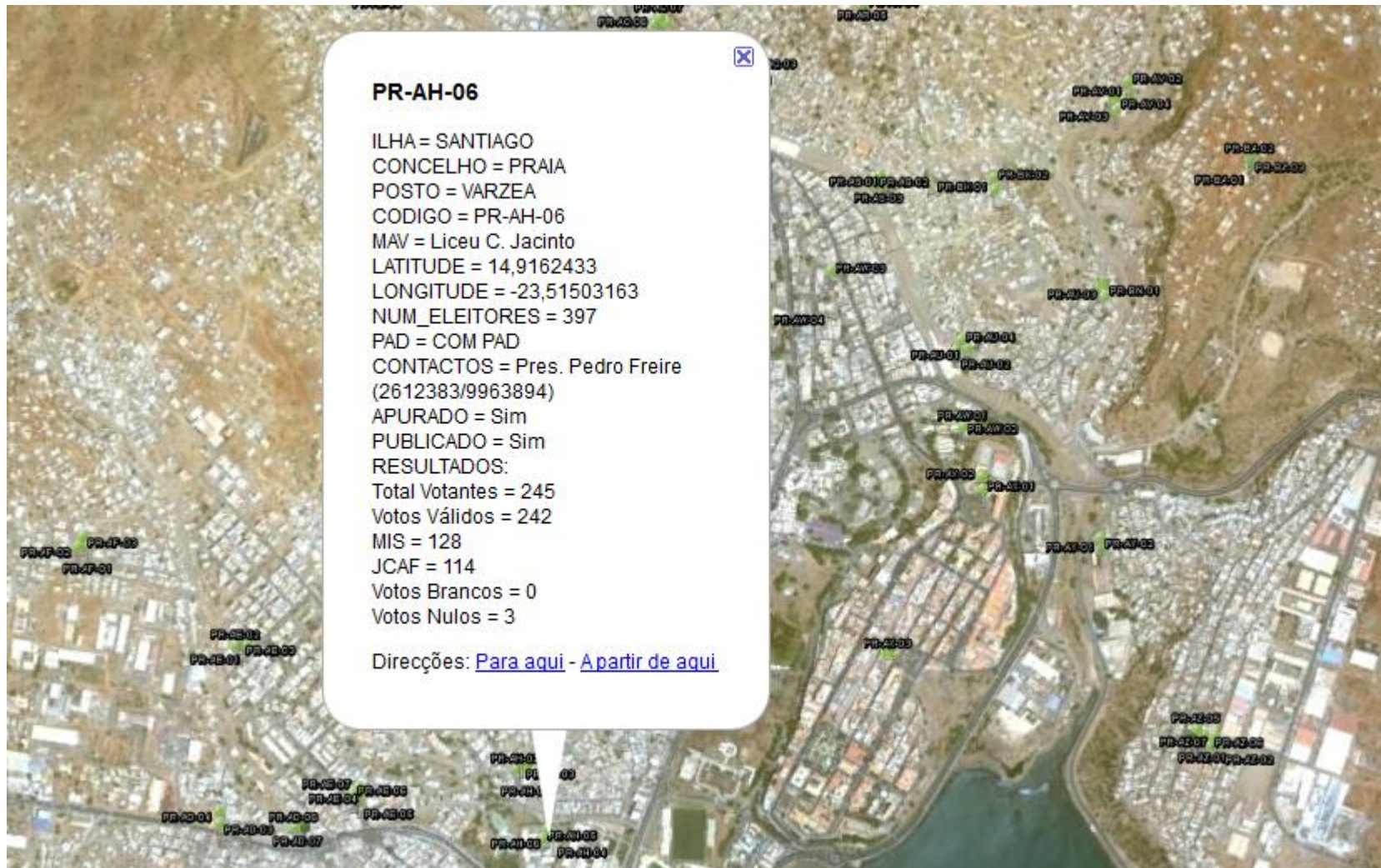
Results synchronization



Plan to send result reports



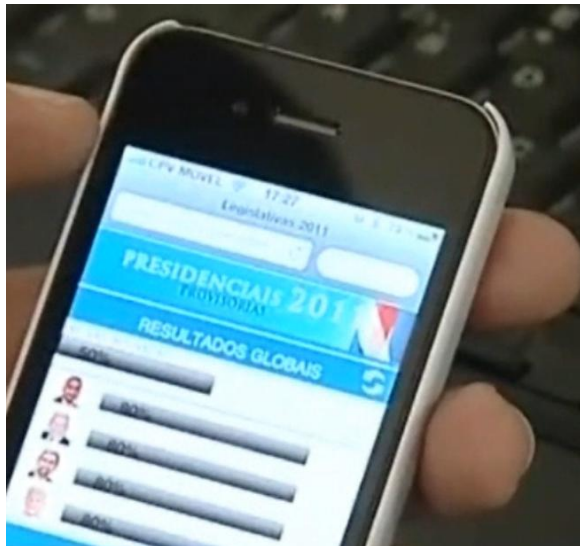
Plan to send result reports



Results Publication



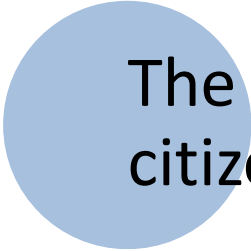
Two hours



Conclusion



The deployment of the Tablet has result in a faster process of sending the voting results.



The representatives of political parties and citizens can check on line from TV and mobile.



Increase voter confidence"

www.cne.cv

www.dgape.cv

www.nosi.cv

Guevara Cruz

Business Manager at NOSI