European Commission
United Nations Development Programme
International IDEA

In collaboration with
International Organization for Migration
Canadian International Development Agency
Organization of American States

Joint Training on Effective Electoral Assistance

VOTER REGISTRATION METHODOLOGIES

Accra, 2 July 2009
Introduction

- Three conceptual systems:
  - Standalone "ad hoc"/periodic voter registration
  - Standalone continuous/permanent voter registration
  - Voter register based on the civil register

- Three levels of technological approaches:
  - Low tech: Manual, paper based
  - Mid tech: OCR/OMR/ICR based
  - High tech: Digital registration kits/specialised devices
Low tech approaches

- How to perform duplicate search which is mandated by several electoral laws?
- Enabling conditions including civil identification of citizens
Mid tech approaches

- Replacement solution for Polaroid?
- Photographic equipment problem versus review of the total solution.
Optical Mark Recognition (OMR)
First used in large scale Electoral Assistance Mission Bosnia and Herzegovina 1997
The Major System for PNVR Preparation that comprised by Different modules.
High tech approaches

- Digital photographs
- Fingerprint scanning
- Facial recognition
- Fingerprint matching
**Digital Camera**
The digital camera is embedded onto the unit's Official Panel and may be used to capture a voter's digital photograph during registration.

**Color Touch-screen**
A touch-sensitive, full-color LCD screen displays easy-to-use controls for PenCom officials to use to incorporate or edit data.

**Signature Pad**
The signature capture device may be used to capture a user's signature in electronic format during registration or authentication.

**Local Capture of Information**
The application contained can capture data manually inserted in the Vanguard. This data can be, voters information, as well as Voting results.

**Transmission of Data**
The kit is capable of transmitting all data and results from distributed locations to a central site.

**Printer**
The attached printer can be used to print a voter registration card.

**Fingerprint Reader**
The main fingerprint capture device may be used to capture a fingerprint in digital form during registration or authentication.
Points to ponder

- Technological upgrades
- Biometrics: Facial recognition versus fingerprint matching for duplicate search
- What is the added value of duplicate search?
- Standardisation
- Sharing experiences
- Sustainability and relation to voter education
- Domestic observation
Moving forward

- ICT Study
  - Integration with civil registration
  - Tutorials for decision makers
  - Cost estimator for practitioners
  - Auditing tools for stakeholders of the electoral process