

ICT and Elections

THEMATIC WORKSHOP

Information Technology and Elections Management Informed Decisions for Sustainable Outcomes



European Commission
Development and Cooperation DG
EuropeAid



United Nations
Development Programme

5 - 9 March 2012, Mombasa, Kenya

A blue-tinted background image showing a close-up of a person's hand holding a mobile phone. The phone is a candy-bar style with a small screen and a numeric keypad. The hand is wearing a watch.

Republic of the Philippines

AUTOMATING THE 2010 PHILIPPINE ELECTIONS

Transforming elections through modern technology



European Commission
Development and Cooperation DG
EuropeAid



United Nations
Development Programme

5 - 9 March 2012, Mombasa, Kenya

2008: ARMM Automated Elections



2008: ARMM Automated Elections

	DRE		OMR	
Auditability	No paper ballot	✗	Uses paper ballot	✓
Public Acceptance	Very novel operation	✗	Very familiar operation	✓
Cost	Precinct-based	↔	Can be used in precincts or in designated counting centers	↔



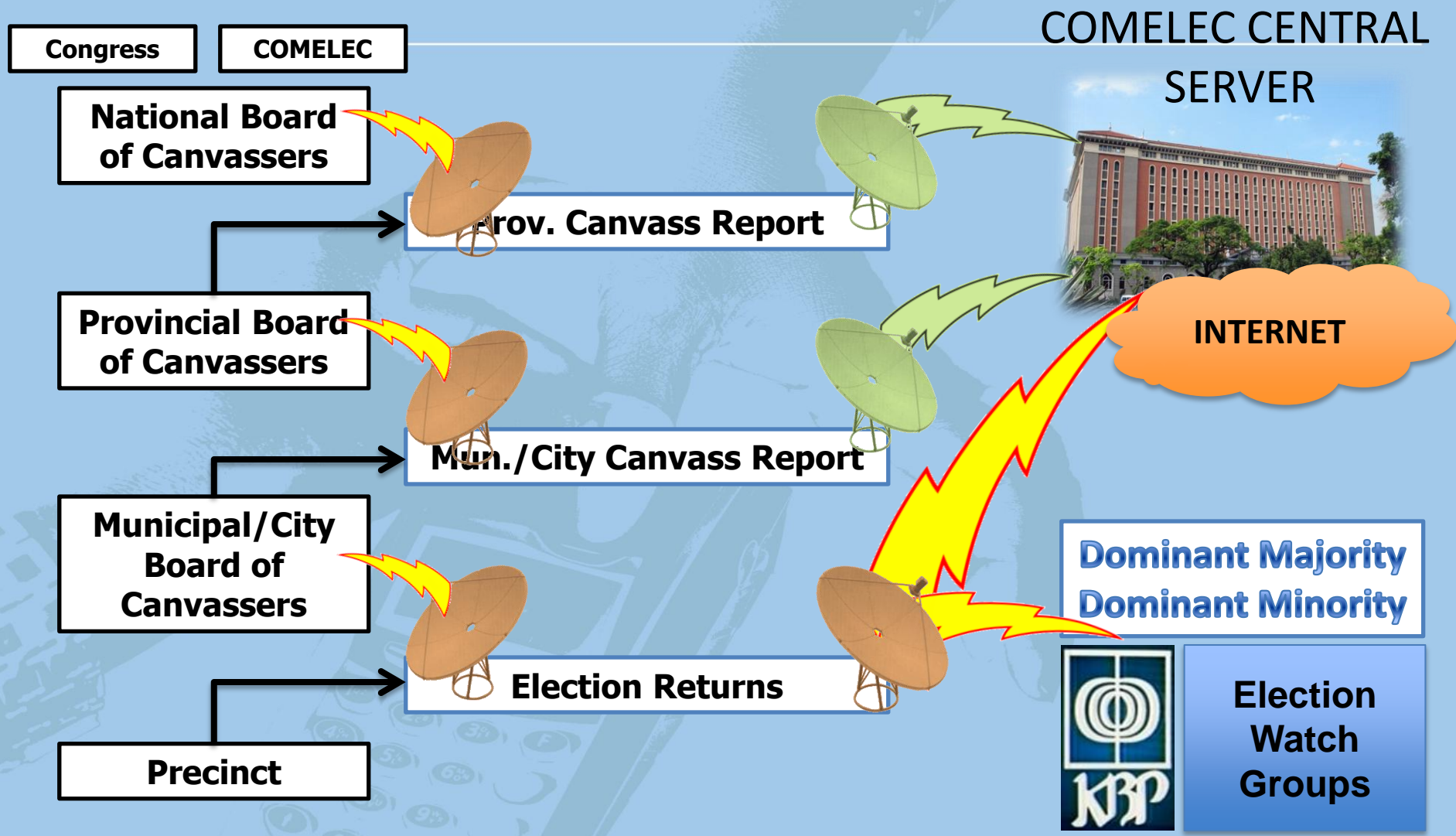
2010: National and Local Elections



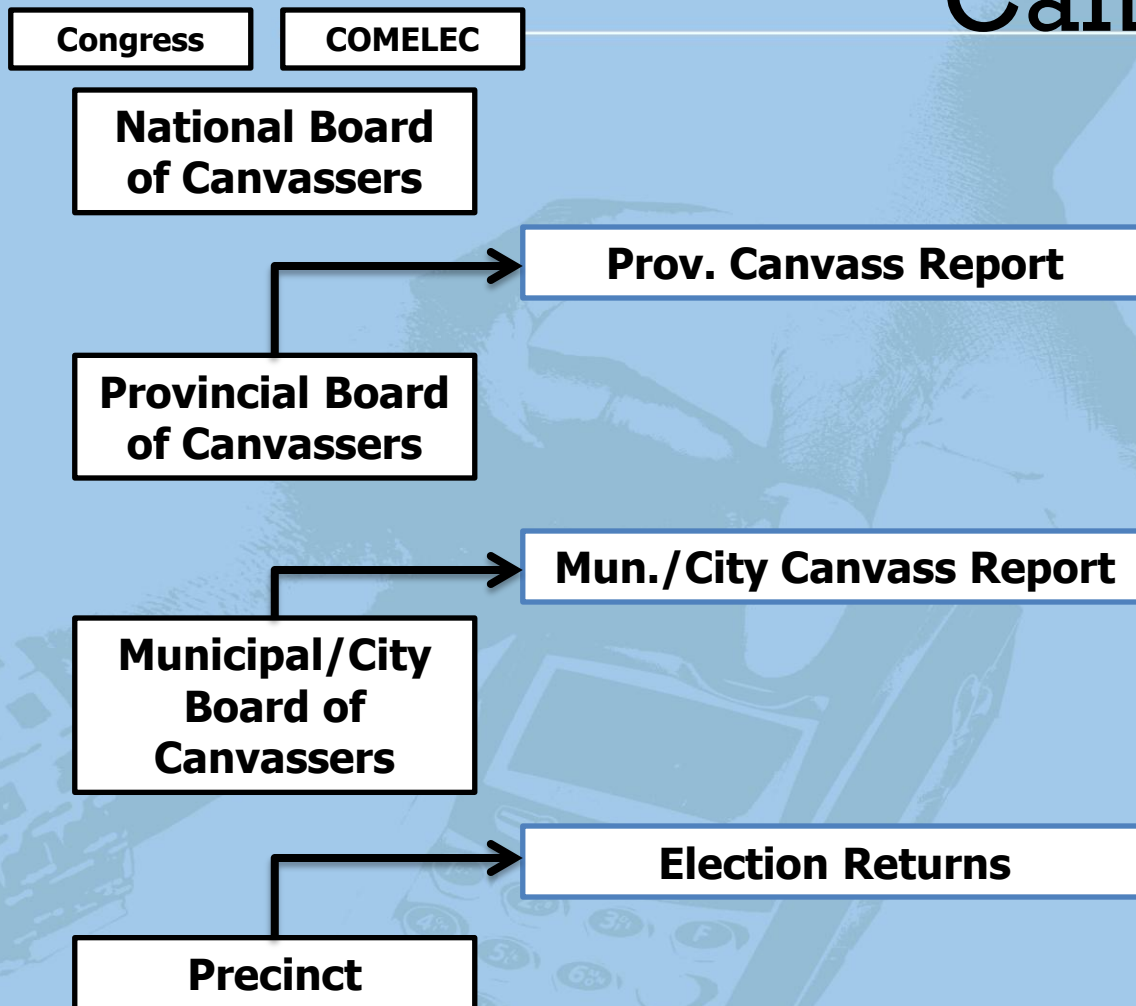
President Vote for ONE(1)		Senator Vote for TWELVE(12)	
<input checked="" type="radio"/>	DE MESA, Estrella Mid_Initial	<input checked="" type="radio"/>	AGUIA, Micahel Mid_Initial
<input type="radio"/>	FERRER, Nicodemo Mid_Initial	<input checked="" type="radio"/>	AGUILA - FLORES, Helen Mid_Initial
<input type="radio"/>	LEONIDA, Leonardo Mid_Initial	<input type="radio"/>	ASISTORES, Whilhelmina Mid_Initial
<input type="radio"/>	MELO, Jose Mid_Initial	<input type="radio"/>	AUSAN, Dennis Mid_Initial
<input type="radio"/>	SARMIENTO, Rene Mid_Initial	<input checked="" type="radio"/>	BAGWAN, Jose Mid_Initial

OMR	
Uses paper ballot	✓
Very familiar operation	✓
Precinct Count Optical Scan [PCOS] device	↔

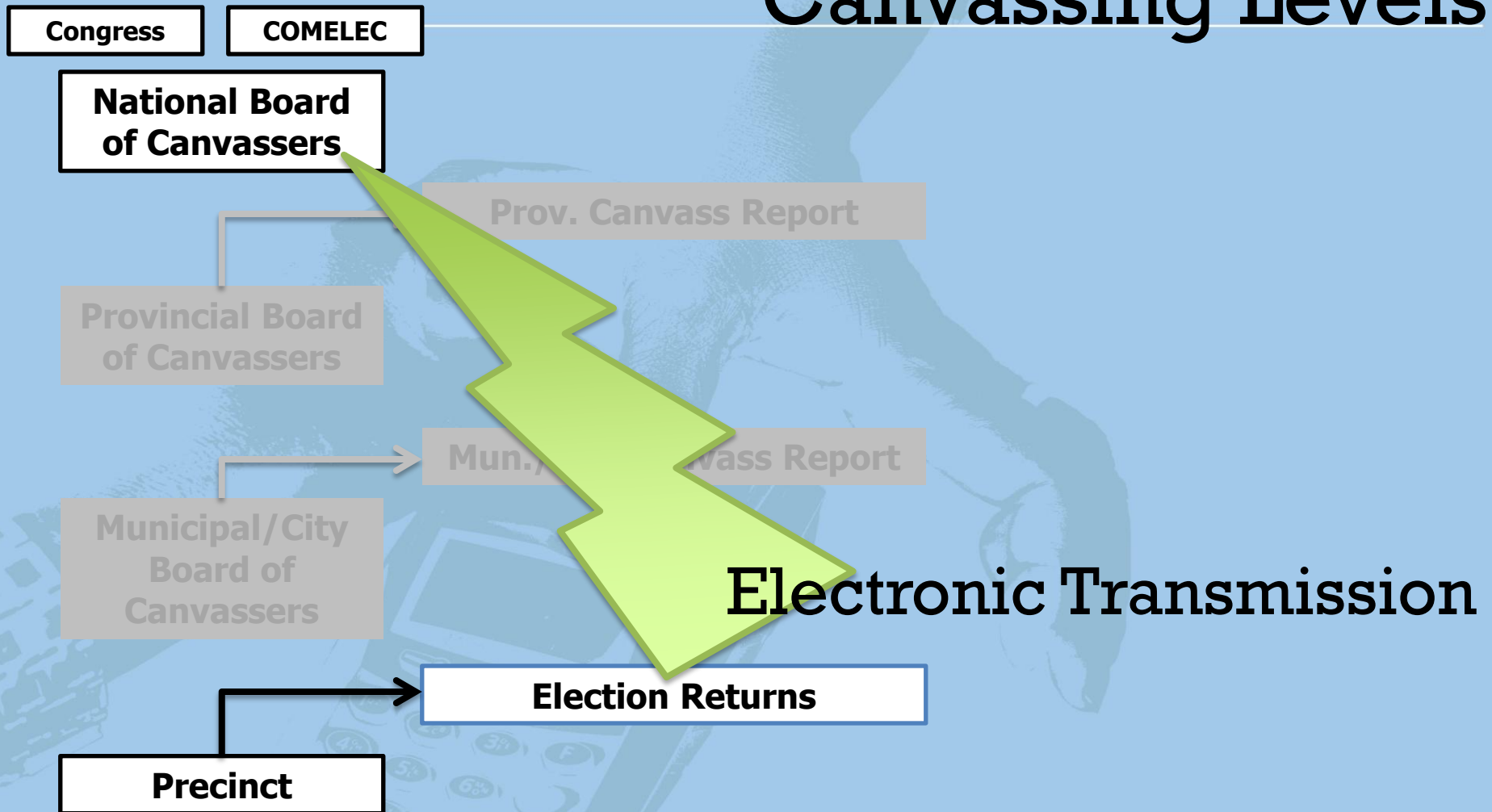




Canvassing Levels



Canvassing Levels

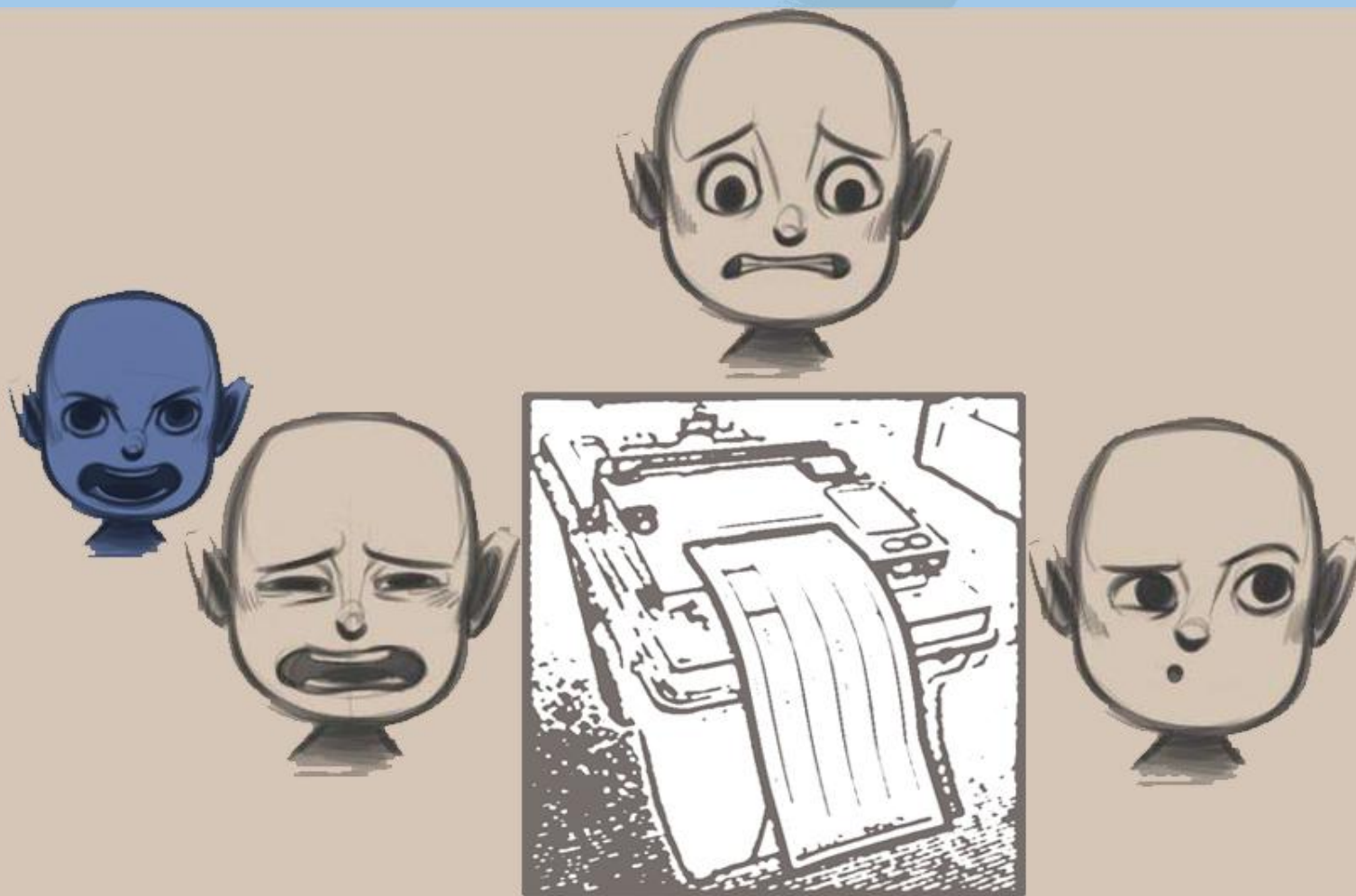


SCOPE OF AUTOMATION

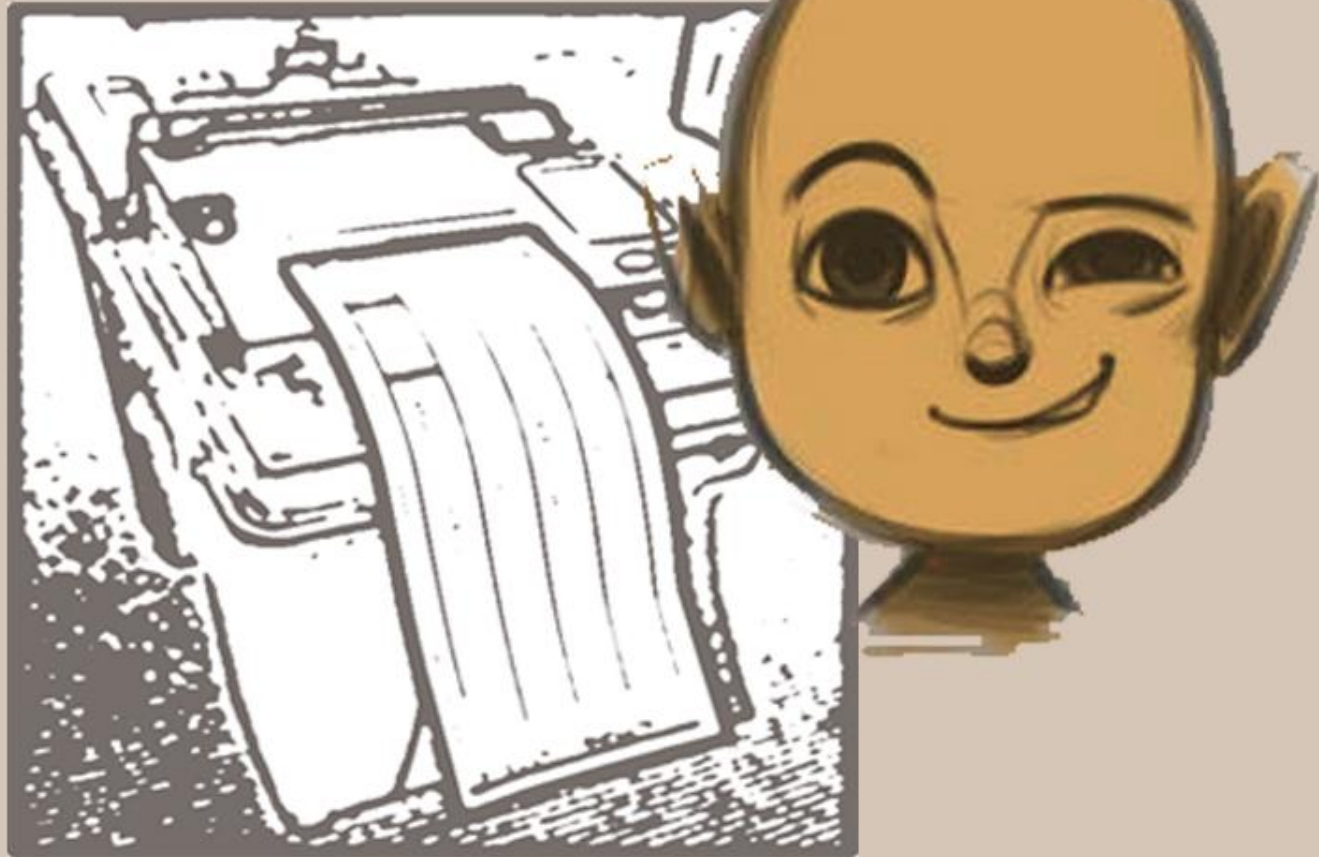
- 50,259, 571 registered voters
- 80 Provinces
- 1,631 cities and municipalities
- 320,415 Established Precincts
- 76,347 Clustered Precincts
- 37,884 Polling Centers
- 82,200 PCOS Machines
- **1 Election Day**



Institutional Readiness



Institutional CONFIDENCE



European Commission
Development and Cooperation DG
EuropeAid

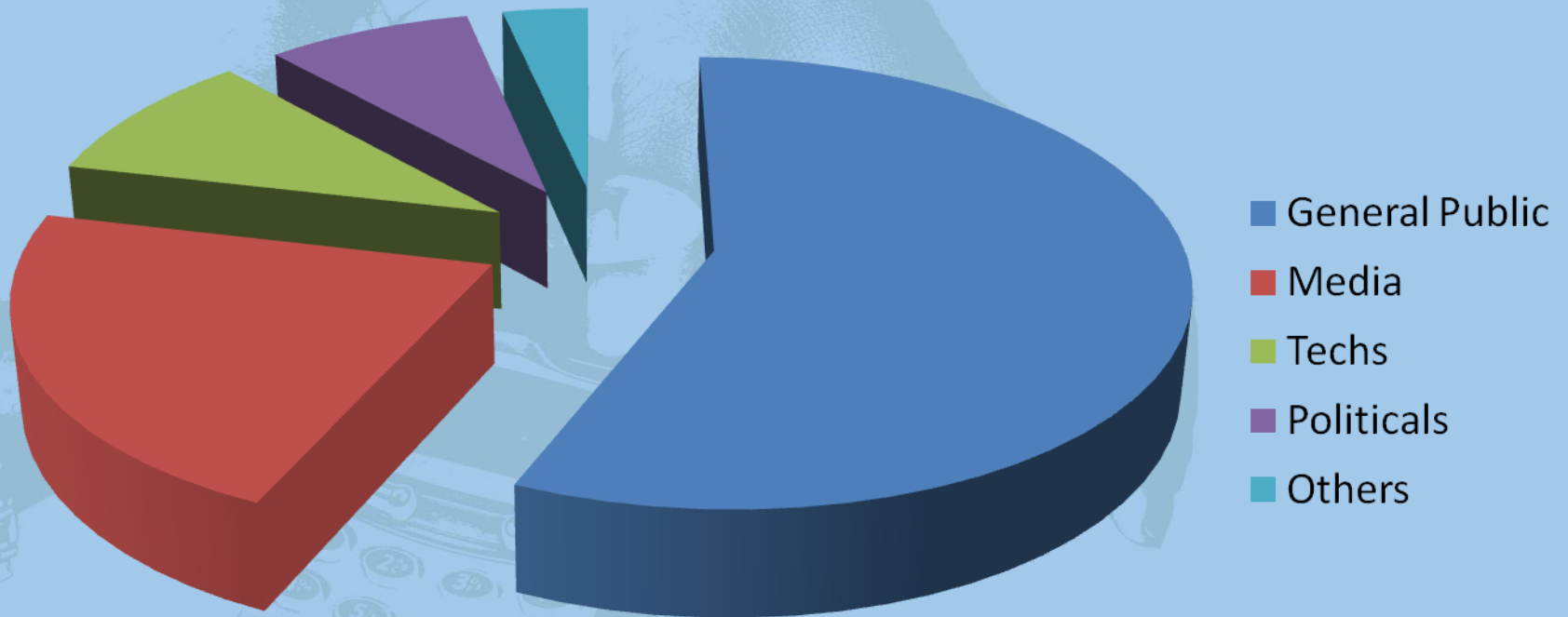


United Nations
Development Programme

5 - 9 March 2012, Mombasa, Kenya

Public Acceptance

Segmentation of Publics



Public Acceptance

<http://www.youtube.com/watch?v=orr2M-wv594>



http://www.youtube.com/watch?v=qCqaG7_aF98



European Commission
Development and Cooperation DG
EuropeAid



United Nations
Development Programme

5 - 9 March 2012, Mombasa, Kenya

Public Acceptance



Photo by: UNTV News and Public Affairs



European Commission
Development and Cooperation DG
EuropeAid



United Nations
Development Programme

5 - 9 March 2012, Mombasa, Kenya



<http://www.comelec.gov.ph>



European Commission
Development and Cooperation DG
EuropeAid



United Nations
Development Programme

5 - 9 March 2012, Mombasa, Kenya