e-Land Administration for better Governance

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• Land in the East and West
• Issues in the East
• Solutions provided by land administration
• ICT to facilitate the solutions
Land is the most important asset people possess; a foundation on which wealth is built (FAO 2004)
Fertile land

Distributed
natural resources

Less cost
to maintain

Non-centralized
administration

Government

Business and trade

Farmers

Production more
than consumption

Competition

Capital gain

Knowledge
production

Industrialization
Centre for SDIs and Land Administration

Infertile land
Water shortage

Concentrated natural resources
Costly to maintain

Centralized administration
Less productivity

Government
No Competition
Less capital

Business/Farmer

Lack of knowledge production
No/Slow industrialization

Early settlements
agricultural era
urbanization
Industrialization
Issues in the East

- Concentrated natural recourse
- Centralized administration system
- No competition
- Less productivity
- Less capital gain
- Lack of knowledge production
Land administration provides solution

(Enemark 2005)
• Contribution of people to land use planning and
• People engagement in land development regulations
• Provide land related information available to all citizens
  – New highways
  – New zoning scheme
• Create awareness
Productivity

- Provide accurate and detailed information on land use
- Make the most of concentrated resources
- Determine best use of land: residential, industrial, agricultural, recreational, ....
Capital gain

• Having accurately determined land use, a more realistic value of land can be estimated
• Security of tenure
• An efficient land market
• Foundation of creation of wealth
Components of Land Administration

- Land Development
- Land Mapping
- Land Registration
- Land Valuation
Unambiguous land Administration processes

- Land Development
- Land Dealing
- End User

Data Entry Portal

- Land Registry
- Land Valuation
- Land Mapping

Information Delivery Portal

- Dissemination Database
- Maintenance Database

Spatial Data Structure

- Determination Process
- Record Process
- Dissemination Process

Land Administration System

Land Administration subsystem
The capacity to transform land administration through the use of ICT

*that includes*

1. The coordination of various subsystems,

2. Online customer services,

3. Online private partnership services,

4. Integrated internal workflow processes and

5. Integrated database management.
Phase 1: Internet based land administration

Phase 2: Transacting with customers over the Internet

Phase 3: Integrating Internet applications with transactions

Phase 4: External Integration with partners and suppliers

Phase 5: Conducting e-land administration
Any question?