Accelerating Implementation: Achieving Resilience

Session 2
Barriers to Implementation – Preparing for the Future

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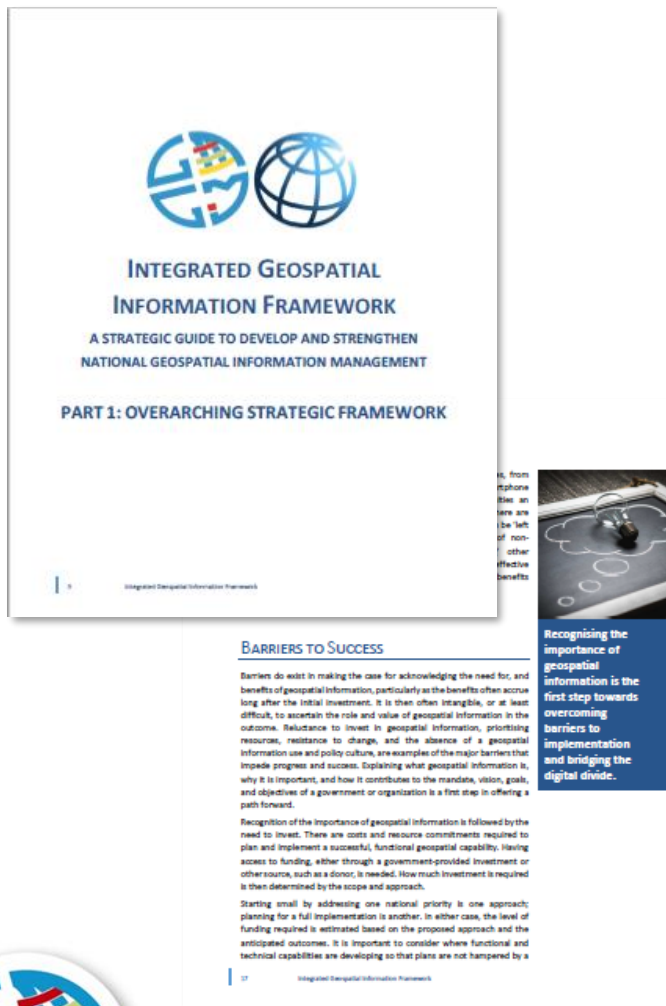# Barriers to Progress on Implementation

- There are different types of barriers that influence progress on national and regional integrated geospatial information management.

- Awareness of existing and potential barriers is important.

- Organizing barriers into related categories helps in managing barriers. Categorizing also may help in developing strategies to mitigate the barriers.

Action on Barriers is Needed in Preparing for the Future

- Determine barrier impact.

- Determine strategy for mitigation including which people have the action.

- Monitor progress closely against a time schedule.

- Success!

Barriers to Success from Part 1 UN-IGIF (from John Kedar)

'explaining…….how it contributes to the goals of a government'

'Retention of key staff'   'hampered by a dated or defunct approach'

'Reluctance to invest'   'IT burdens of managing in-house'

'Knowledge of geography, GI technology, data management'

Culture of not collaborating across organisation'

'Human resources'   'national priority'

'lack of sharing…..precludes innovation'

'Resistance to change'   'access to funding'

Examples of traditional barriers to NSDI

- Policy and governance challenges for data access and sharing

- Lack of funding
  - To develop
  - To maintain

- Data silos
  - Data responsibilities shared across agencies
  - Repositories of data exist across organizations

- Inconsistent standards and/or use of standards

- Lack of cooperation among stakeholders (government agencies, private sector, academia)

- Use of technology
  - Data interoperability
  - Systems integration
  - Different levels of technology maturity

Additional obstacles to NSDI

- Data privacy and security concerns
  - Fear of misuse of data among agencies
- Inadequate infrastructure to support technology demands
  - Internet connectivity
  - Hardware and software
- Political will and governance
  - Weak institutional support
  - Uncertainty of government support

- Insufficient legal and policy frameworks
  - Data use
  - Data sharing
- Communicating the value of geospatial information
- Capacity development
  - Ongoing training and education
- Very limited funding

Sharing <u>your</u> barriers to implementation

- The success of 7th High level Forum is about the interaction and engagement.

- To collect your experiences, we are using Mentimeter, an interactive platform for the delegates to share their respective thoughts during the proceedings of each session.

- We request the delegates to scan the QR code, using your mobile or computers to share your provide your experiences

- The comments you provide will be compiled and be used to support the development of the programme and the report of the conference

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