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WHOLE OF GOVERNMENT APPROACH TO BRUNEI GEOSPATIAL DATA MANAGEMENT

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Outline

- Introduction
- Hypothesis
- Approach
- Analysis & Finding
- Discussion
- Conclusion

Introduction

Purpose

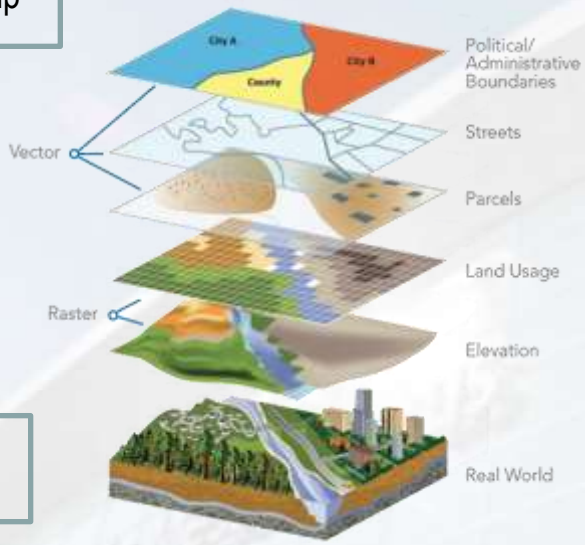
Ownership

Access Platform

Sources

Format

Data storage



Geospatial Data

CHALLENGE

'Silos' data

DATA MANAGEMENT

Technology & GIS tools
Sharing & Integration
Data transformation & geo-reference

Source diagram : http://www.knowledgespatial.com/location-based-technologies/ Accessed on 03 May 2017

Hypothesis

"Implementation of e-government will aid in better development of national geospatial data management"

Approach

- E-Government & SDI Implementation
- Experiences of Australia and Singapore
- Key elements in geospatial data management
- Mirroring into Brunei's situation and challenges
- Recommendation to Brunei strategy

WHY ?

Analysis & Finding

Items	Australia	Singapore
Institutions	Department of Finance, Department of Prime Minister & Cabinet, ANZLIC, Geoscience, PSMA	Prime Minister Office IDA SLA
Government Strategies	Open government Harmonising policy	Open government Towards a spatially enabled nation
Projects	Data.gov.au National Map G-NAF	Data.gov.sg One Map SG-SPACE

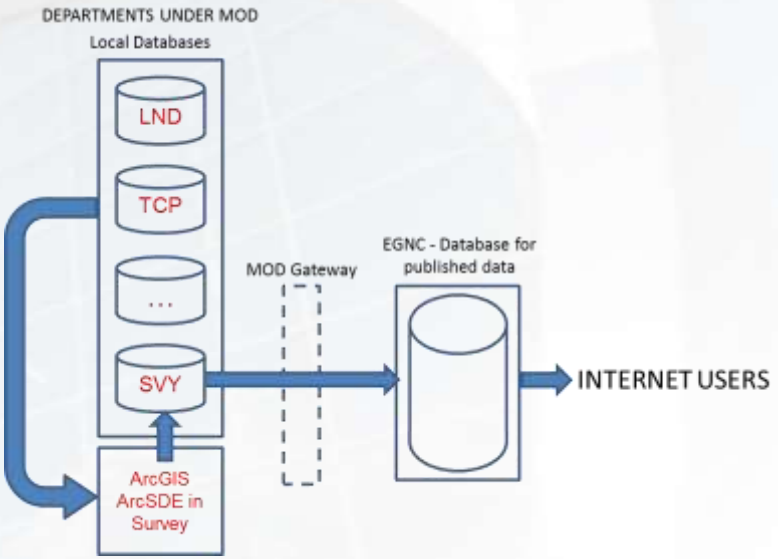
Analysis & Finding

Journey of Brunei SDI

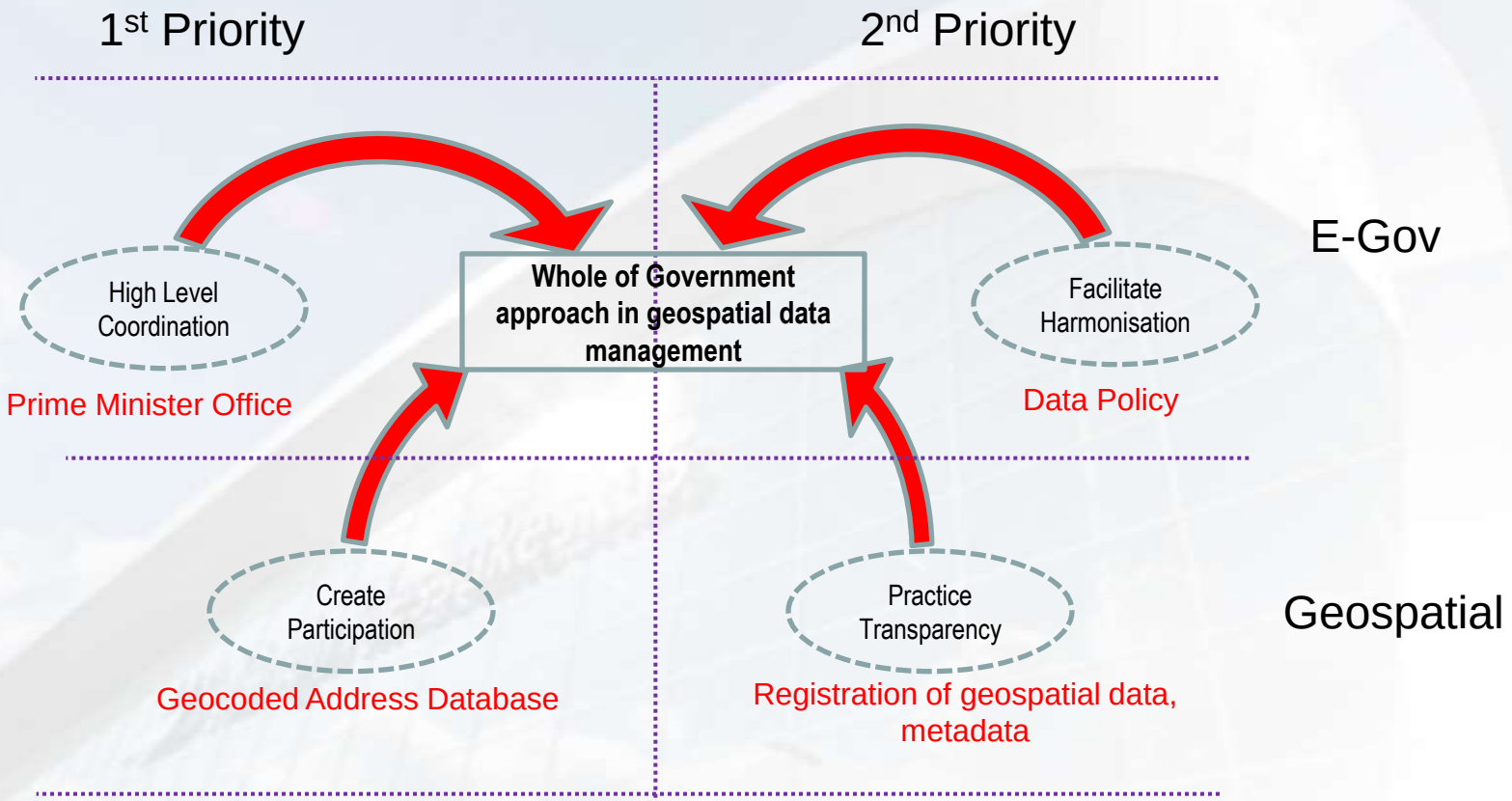
(plan) 2006 → (launched) 2010 → (implementation) 2016

- Focus to common data
- Same integration and policy issue
- Format & Expertise issues added
- Centralise to decentralise
- Data Cost
- No Data policy, metadata, clearinghouse

Using PCGIAP integration report 2006 template

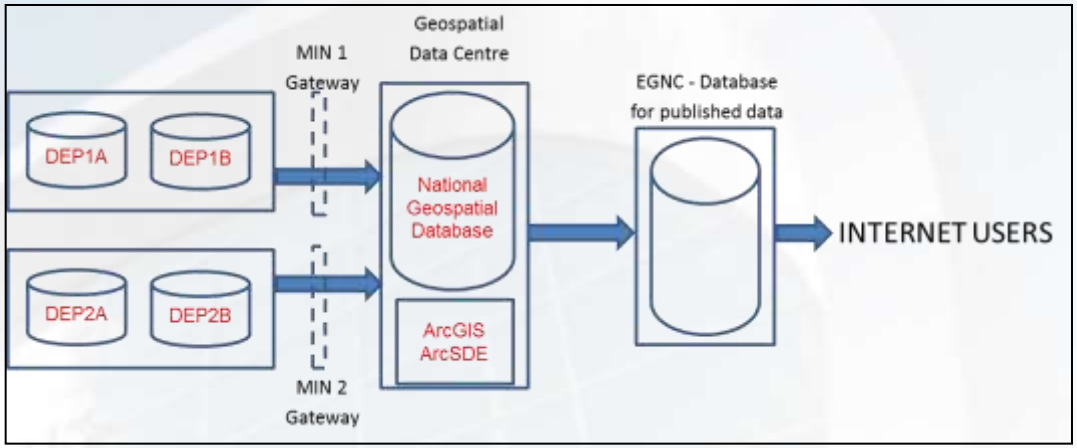


Discussion

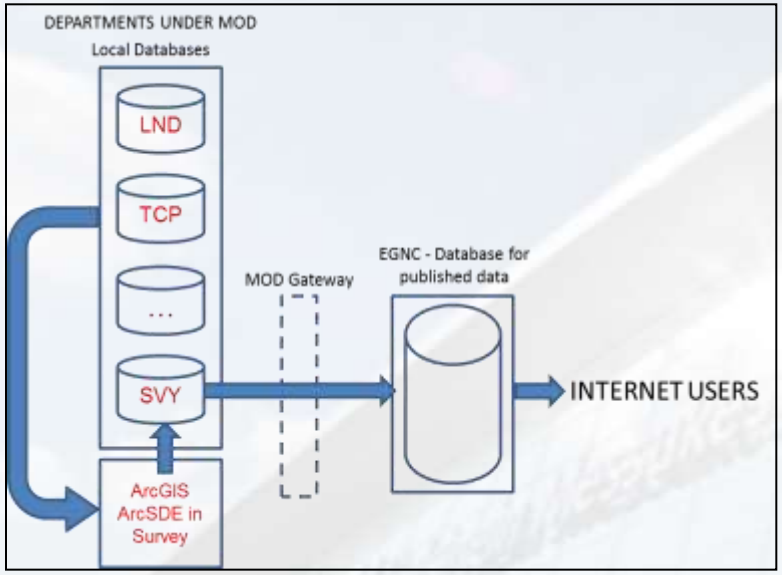

1st Priority
2nd Priority
High Level Coordination
Prime Minister Office
Whole of Government approach in geospatial data management
Facilitate Harmonisation
Data Policy
E-Gov
Create Participation
Geocoded Address Database
Practice Transparency
Registration of geospatial data, metadata
Geospatial

Discussion

Proposal for Brunei SDI Flow



SDI Flow in 2016



Conclusion

"Implementation of e-government will aid in better development of national geospatial data management"

- Open & structured data and information
- Stronger and stable institution
- Support national strategy
- Modern & smart government

Thank You

Questions?