

المركز الوطني
للإحصاء
والمعلومات

سلطنة عمان



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FOR STATISTICS
& INFORMATION

SULTANATE OF OMAN

SDI for Better Governance

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NSDI/SME

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Presentation Outline



What Governance Means?

Spatial Data in Governance

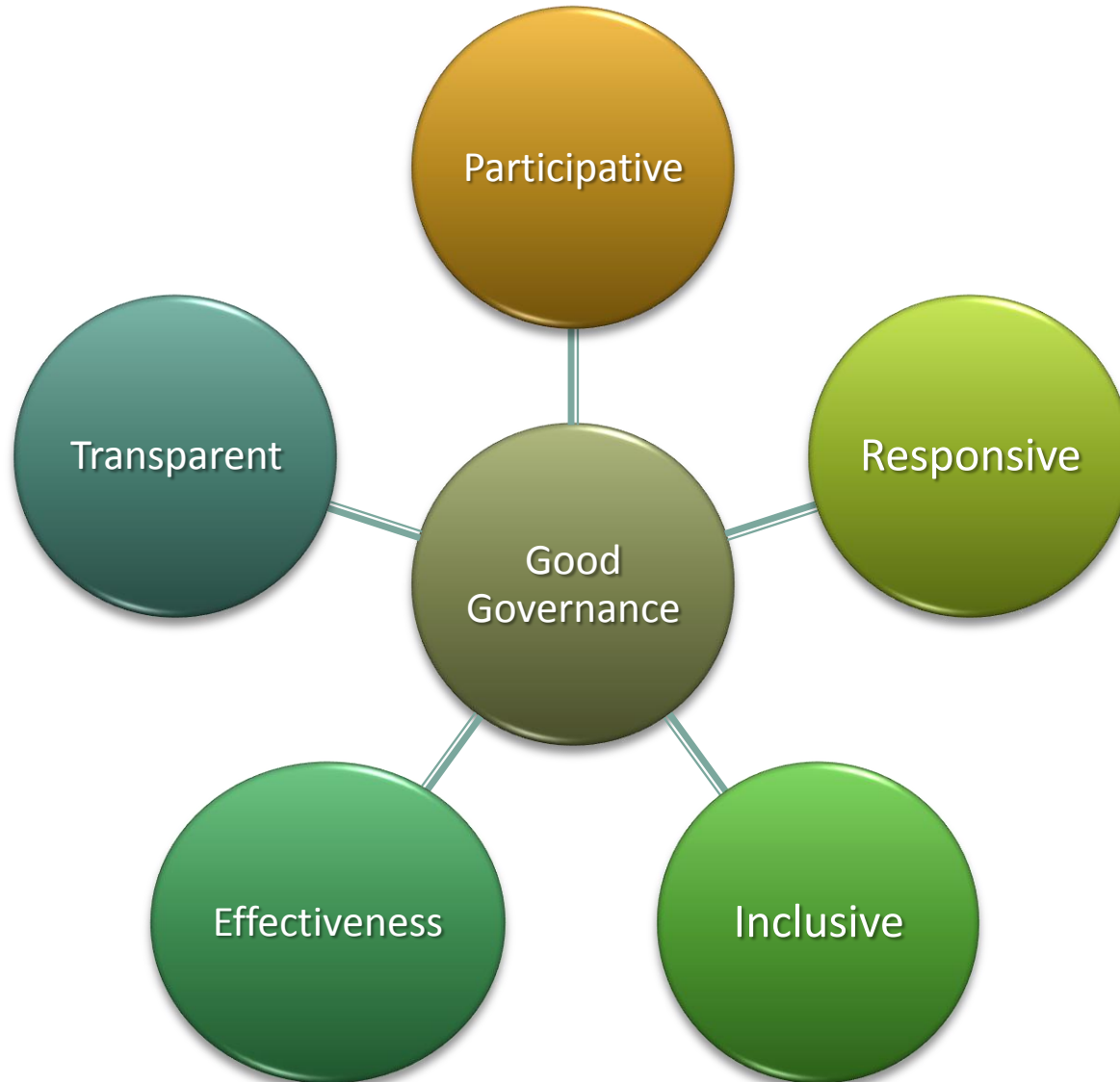
SDI for Better Governance

???

What Governance Means?

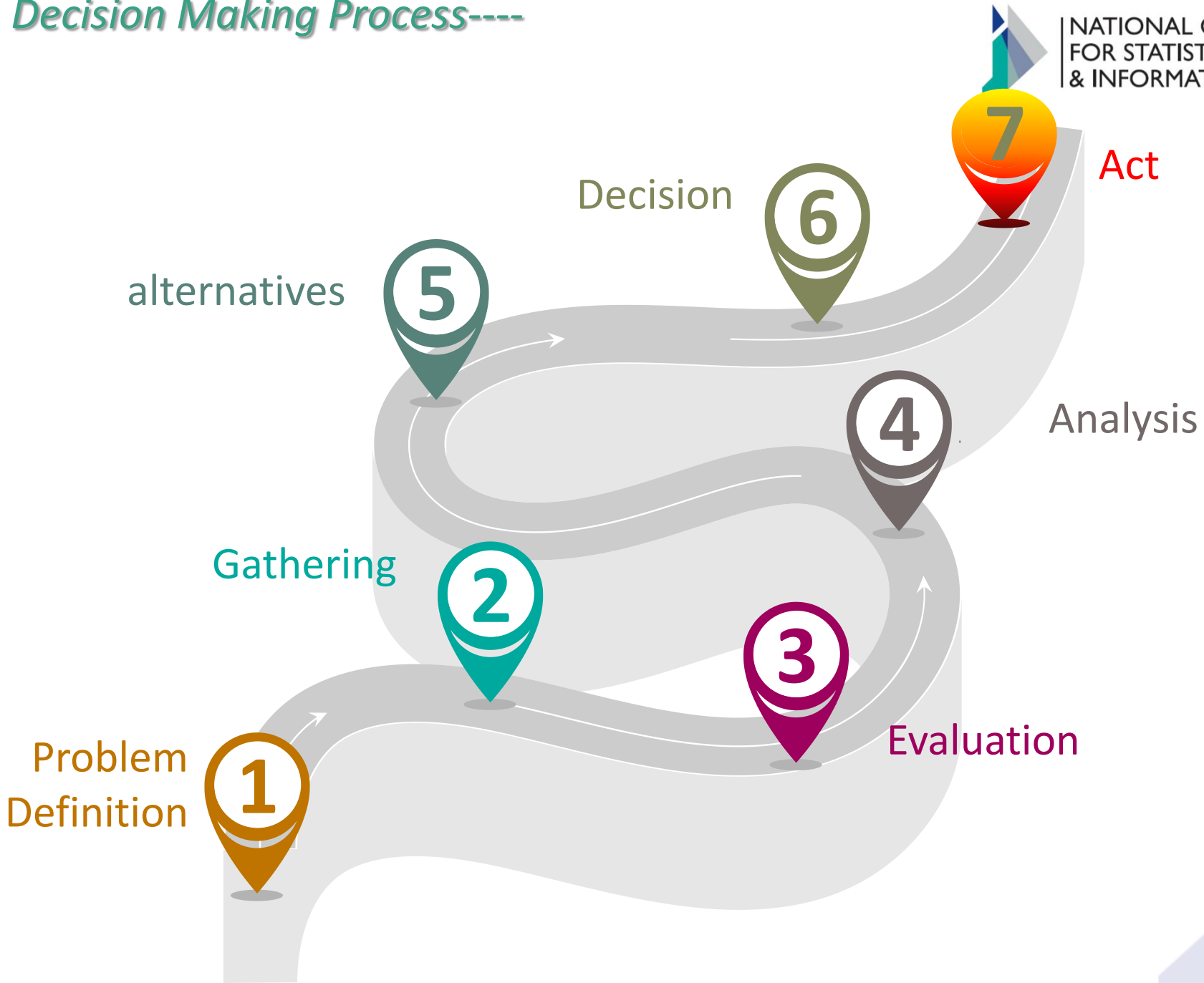


Principles of Good Governance



Decision Making Process----

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To Make decisions we need to gather information:



Geo-Information

Non spatial information, Facts , & Statistics

Financials

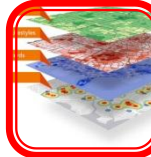
To Make Decision we need to define /locate the problem



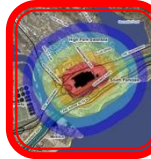
Where we need to build new roads?



What is the best site for an airport/Business Site location?



Where our natural resource are?



Where critical infrastructures are?



Which sites could be used for Public Safety?



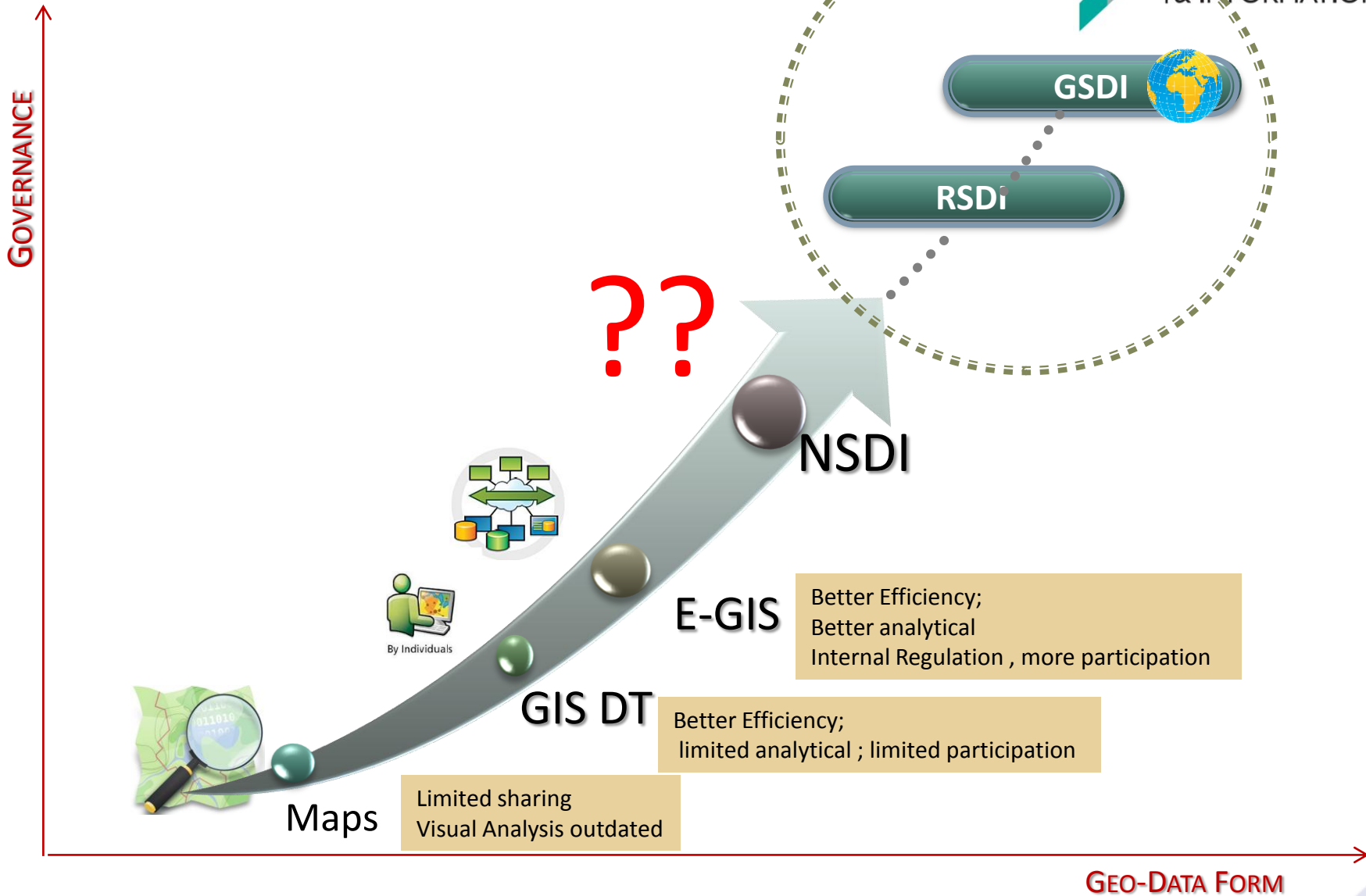
What is the population density/day/night by area?



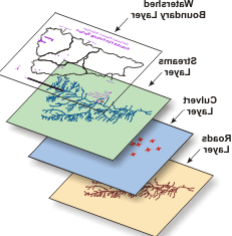
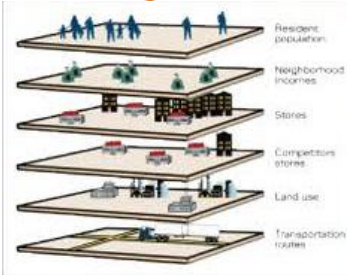
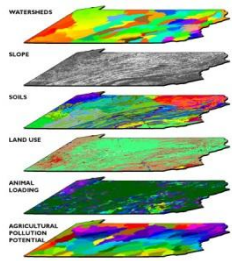
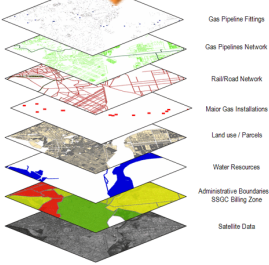
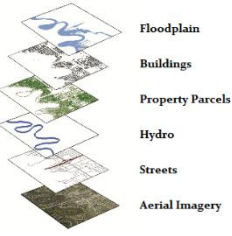
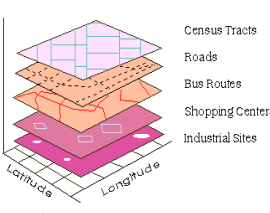
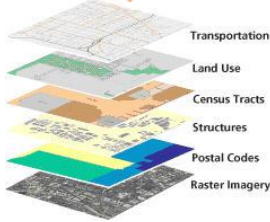
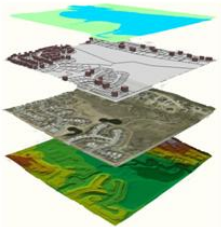
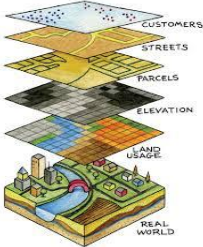
How we can reach the nearest hospital?

Geo-data in Governance

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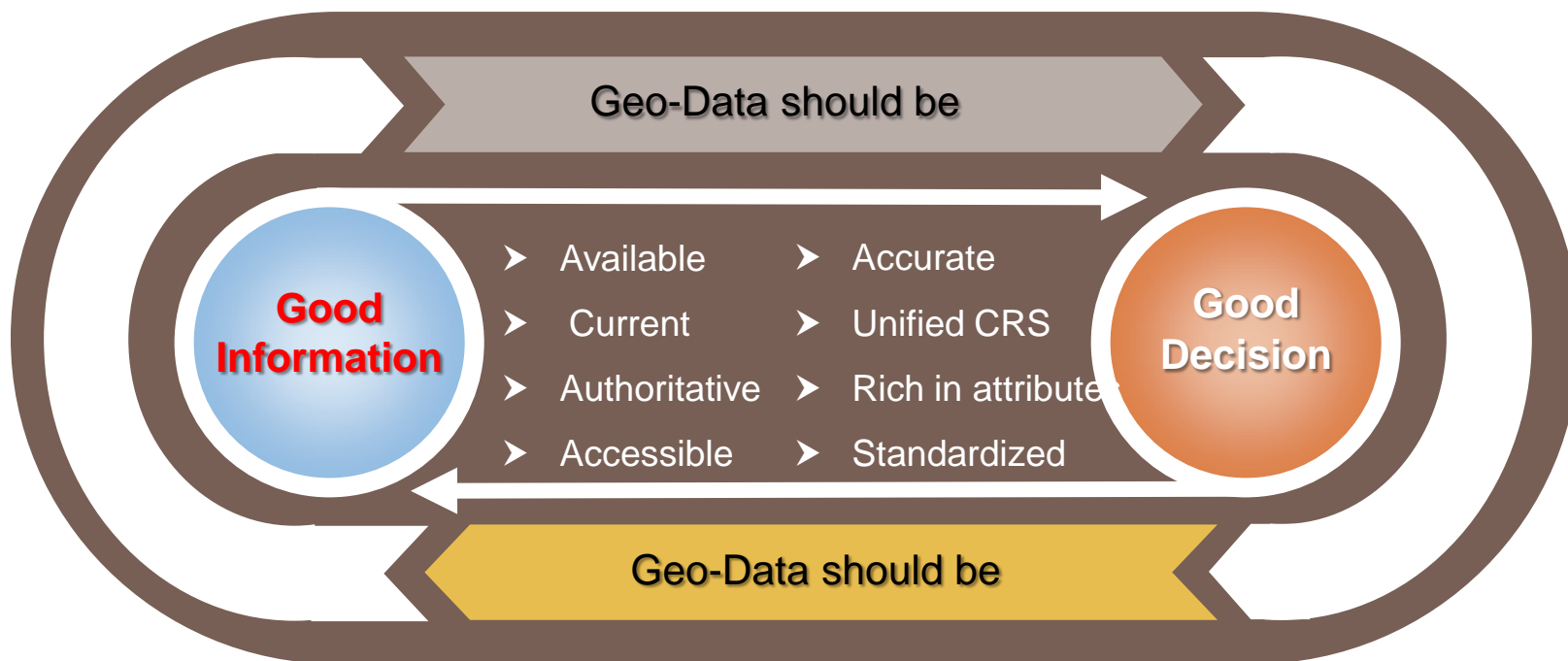
SDI- support decision *making with* Geo-information from multiple organizations:



SDI – enhance the Decision Making Process the standardized Data Clearing House



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SDI can deliver

SDI – empower Decision Making

Process----With the Business

Analytical capabilities it needs :



Geo-data will be Fused ,analysed to draw alternatives

Presentable results –Easy Sharing

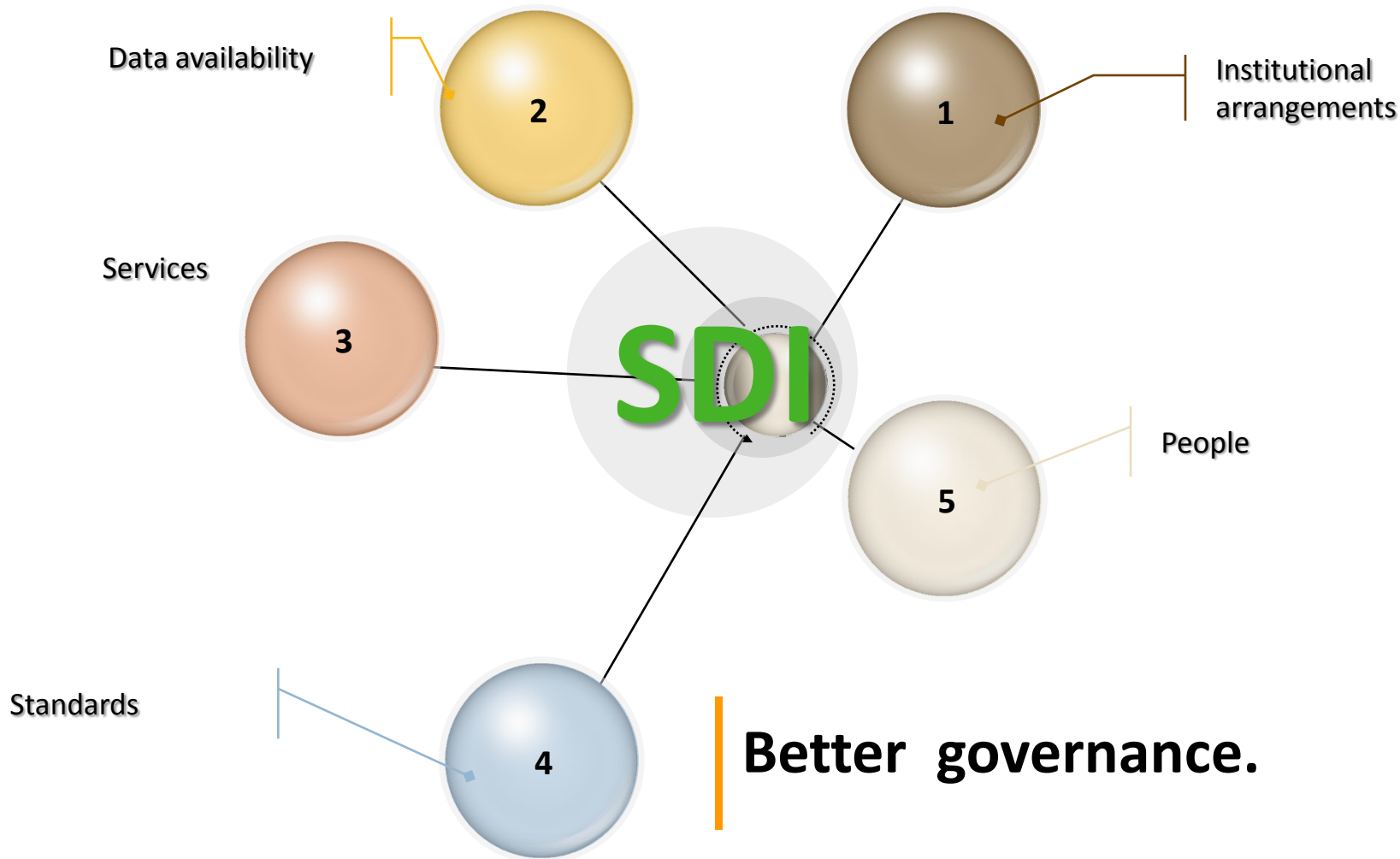
Integrate Rule of law- Impose Coding

Follow procedure – predefined work flow

SDI support governance by Common framework-----



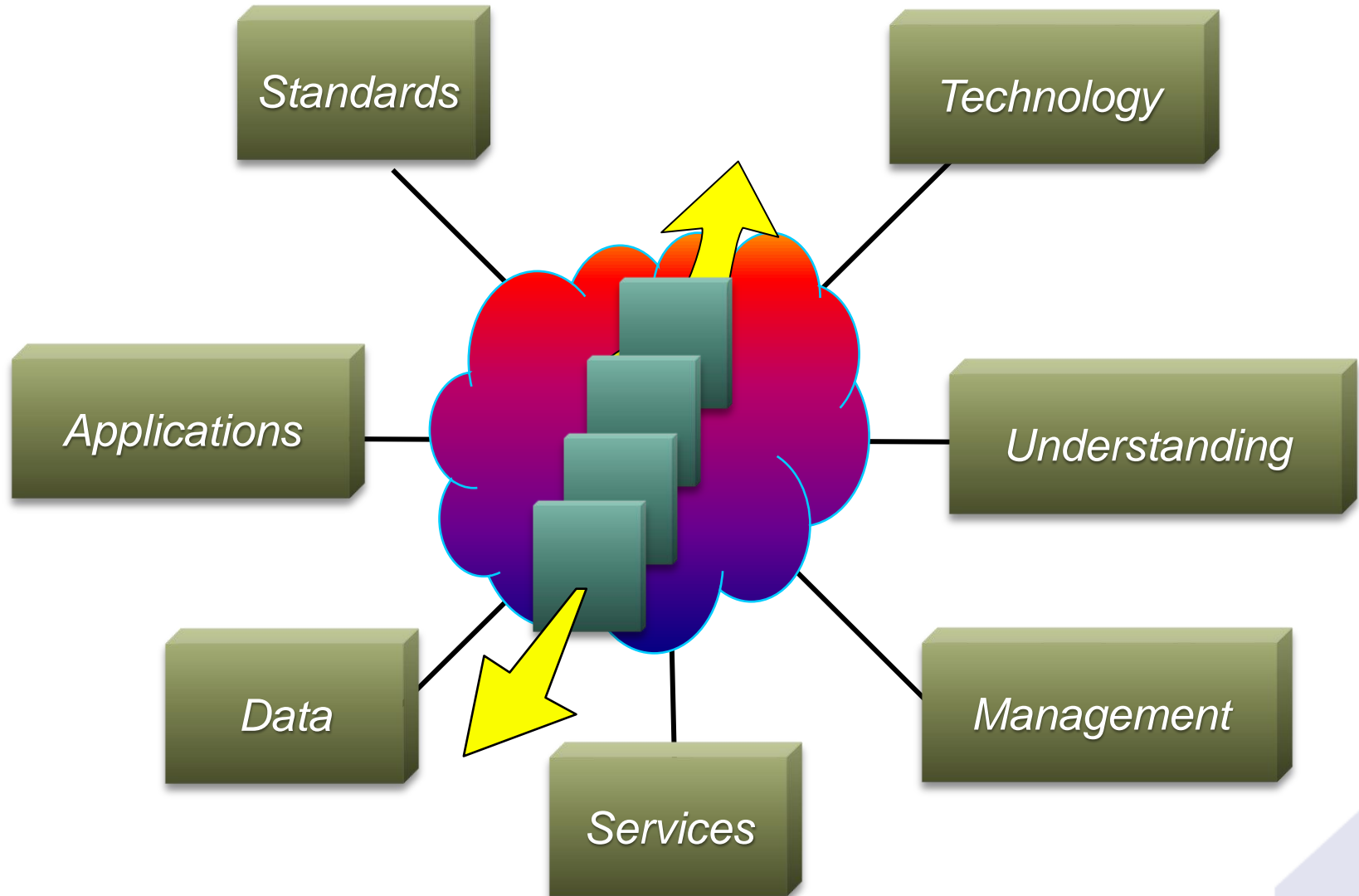
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SDI a community of sharing...

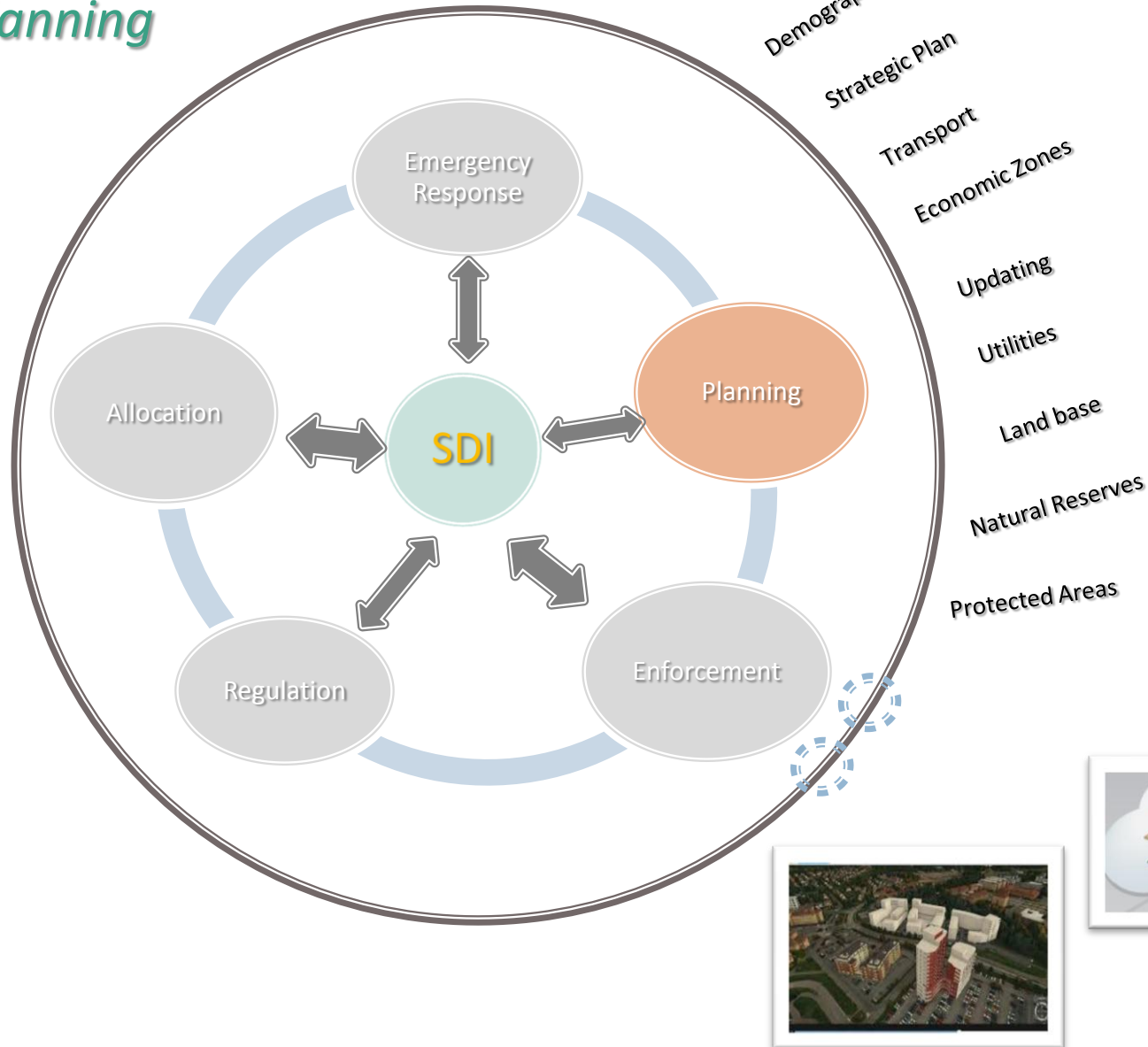
provide common Framework To support Decision across Organization



SDI- Multi-Organization Geo-Information to support Planning



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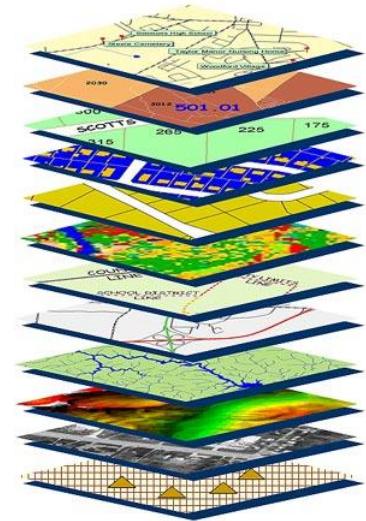


SDI support the Governance ----in Planning



1 Planning

- Project
- Business
- City
- Regional
- Land use

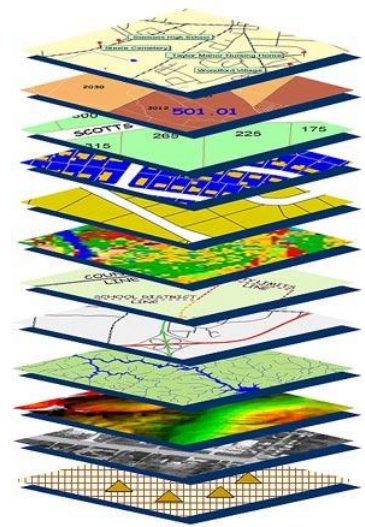


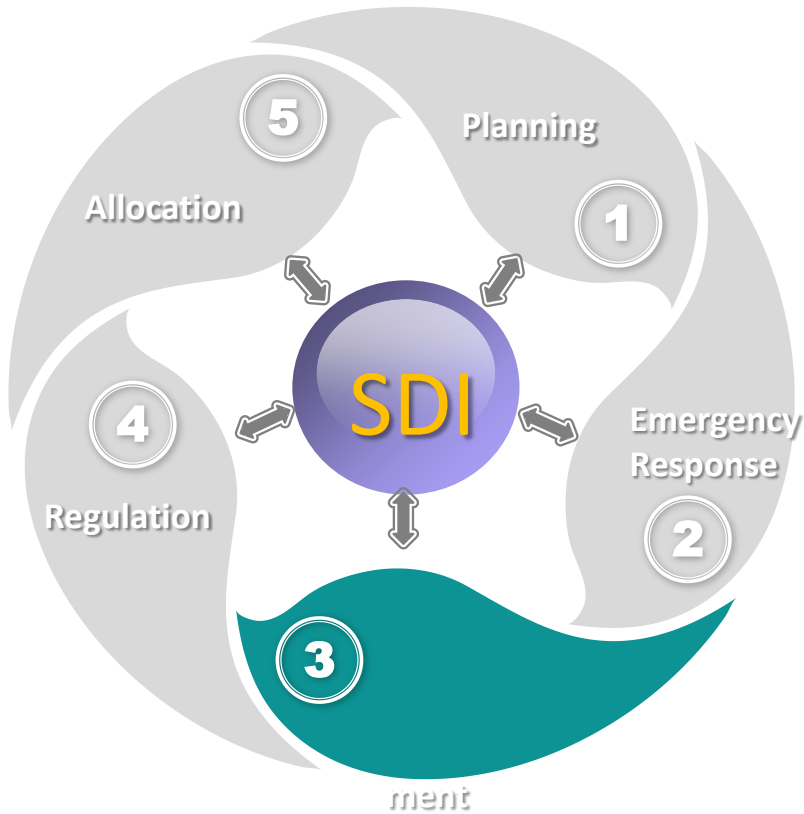
SDI Facilitate the Governance ----Public Safety



2 Emergency Response

- Incident Location
- Live In Danger
- Hazards , HRZ
- Hospitals
- Shelters
- Resources
- Utilities
- Food Stores
- Communications





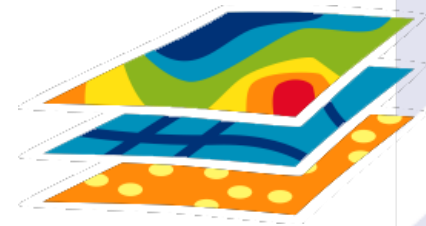
3 Enforcement

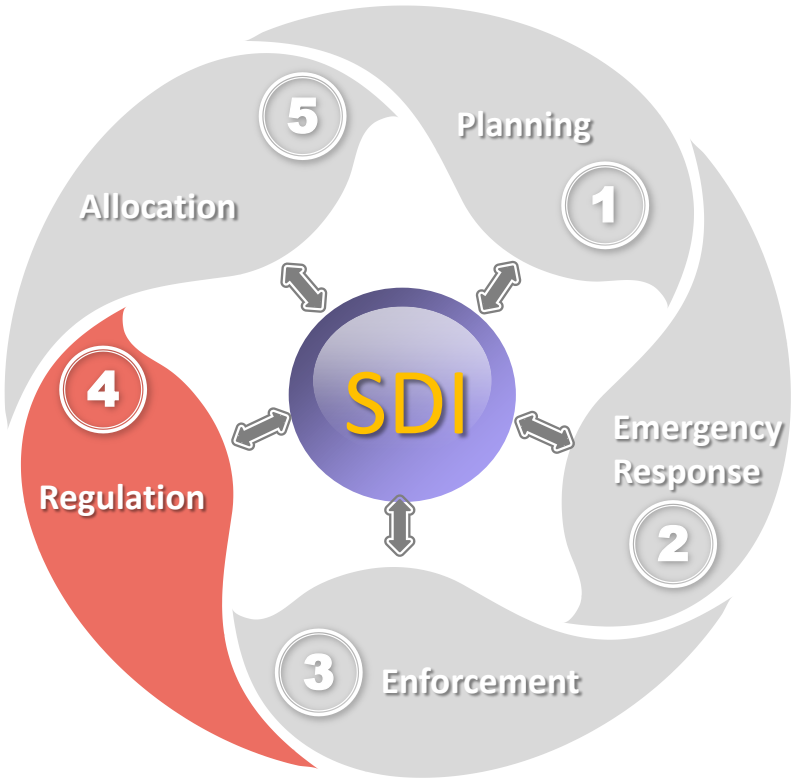
Law

Building Code

Environment Code

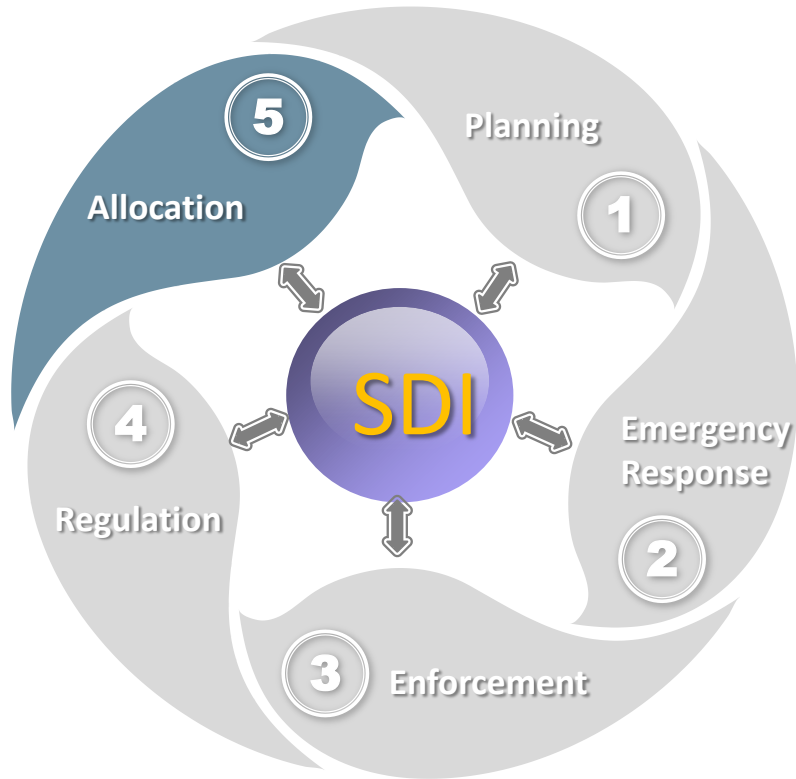
Land use Code





4 Regulation

- NOC
- Exploration
- Property Ownership
- Building Permits



5 Allocation

Investment



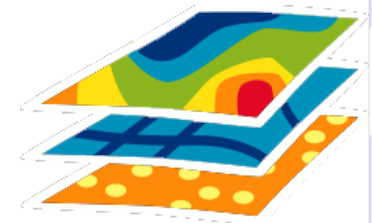
Public Utilities



Economic Zones



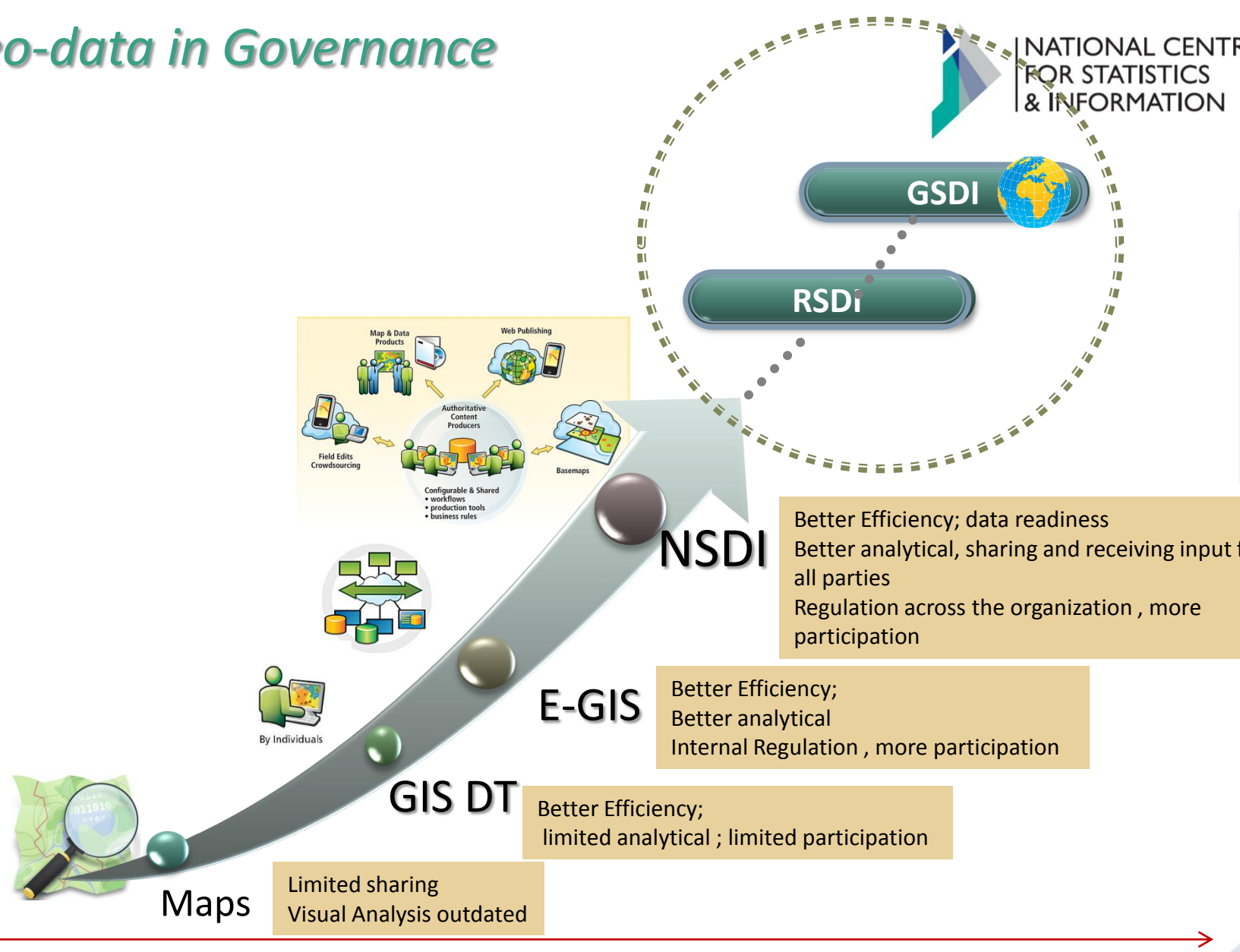
Free Zones



Geo-data in Governance

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GOVERNANCE



Maps

Limited sharing
Visual Analysis outdated

GIS DT

Better Efficiency;
limited analytical ; limited participation

E-GIS

Better Efficiency;
Better analytical
Internal Regulation , more participation

NSDI

Better Efficiency; data readiness
Better analytical, sharing and receiving input from all parties
Regulation across the organization , more participation

RSDI

GSDI

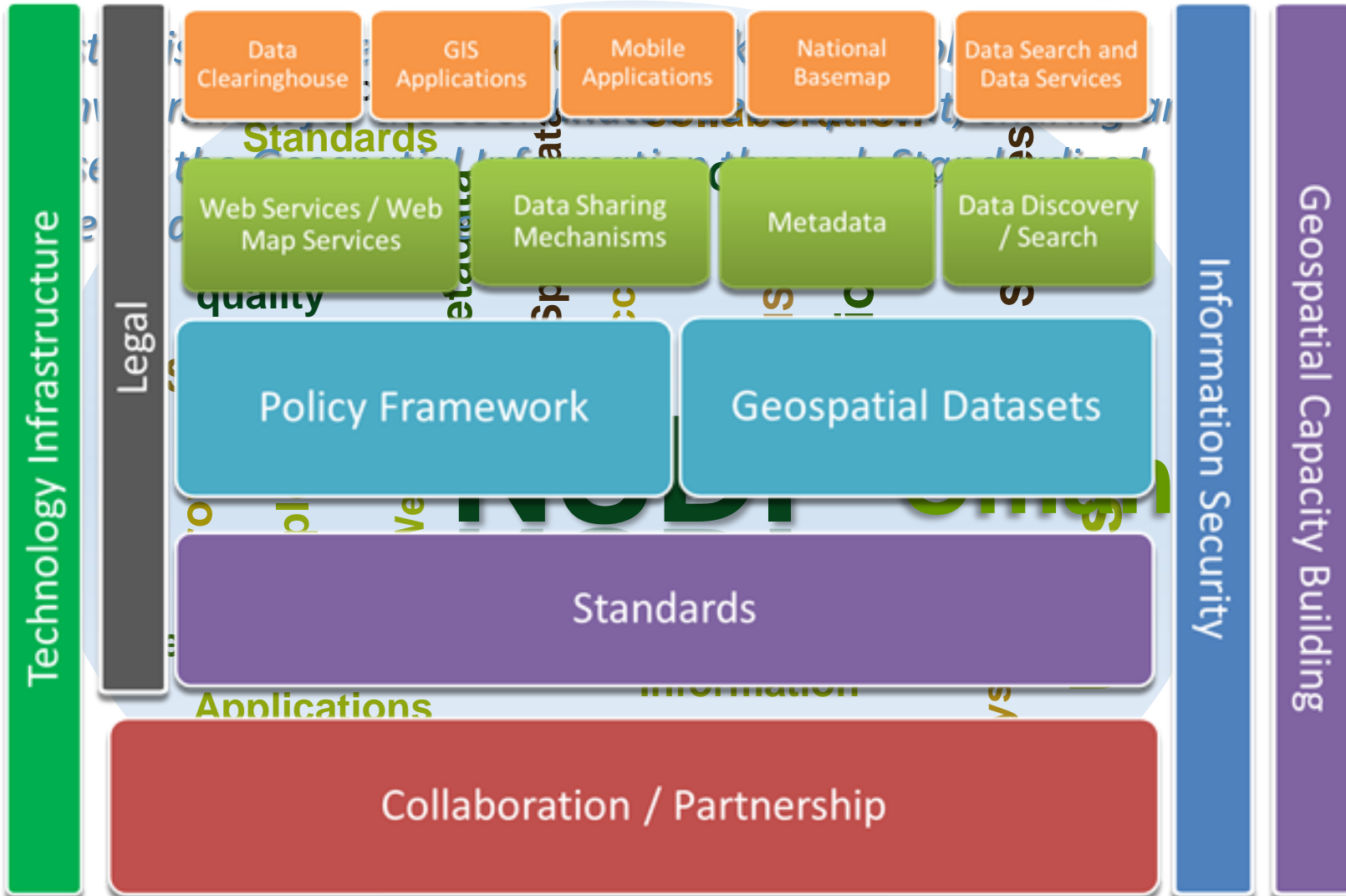
GEO-DATA FORM



ONSDI Mission -

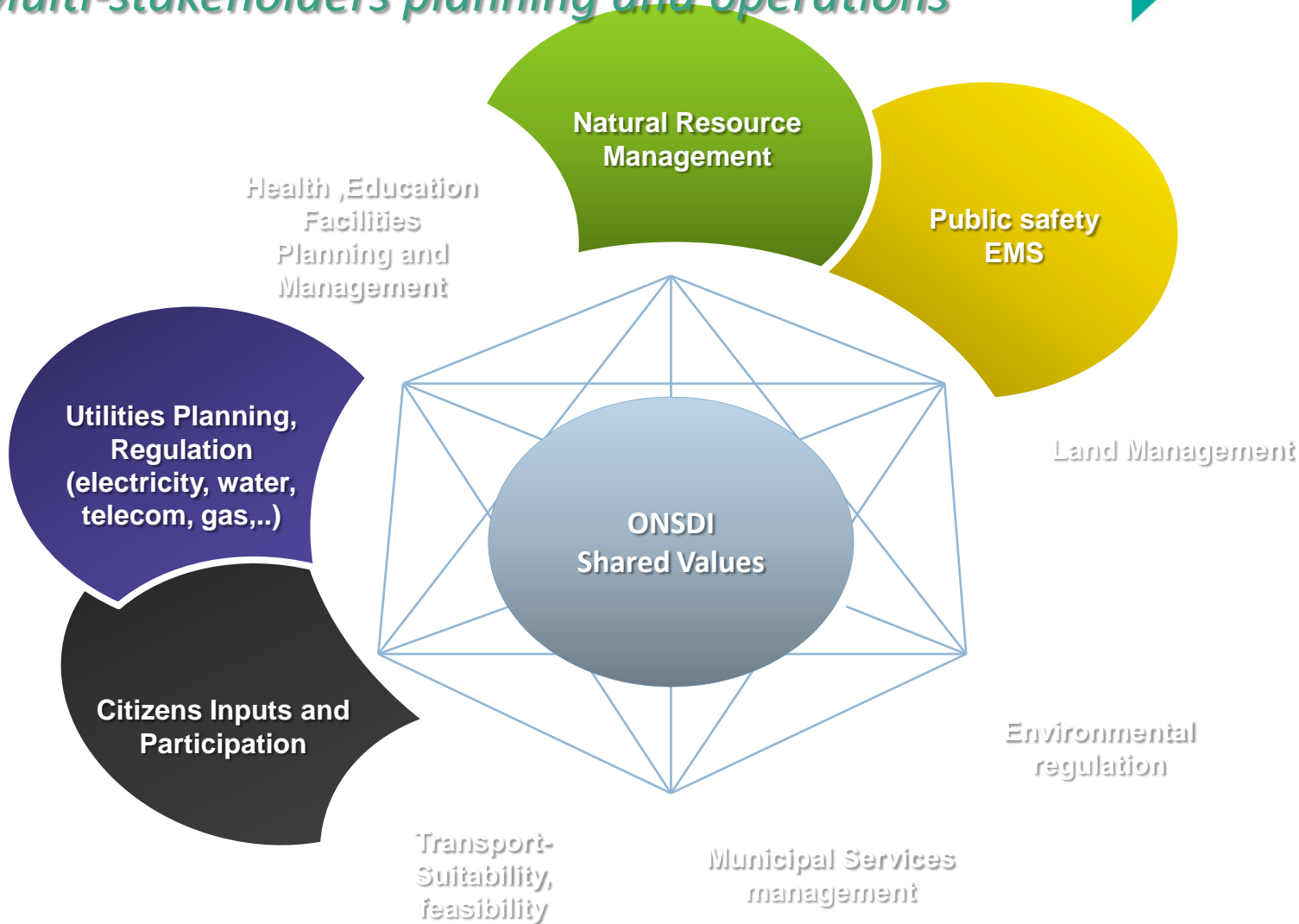


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ONSDI a framework to DSS

Multi-stakeholders planning and operations





01

NCSI

Mandated to Manage, coordinate and Supervise ONSDI Program Implementation

02

NCSI

Implemented Fundamental Initiatives to prepare for Geo-spatially Enabled Government-to support Good Governance

03

NCSI

Road Map for ONSDI is Ready to be discussed and with the Stakeholders , complying with the Good Governance Principles



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QUESTIONS

شكراً

THANK YOU