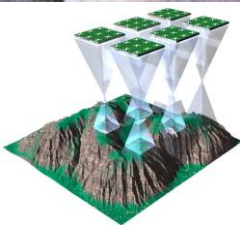




SASDI



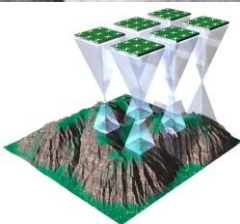
# SOUTH AFRICAN SPATIAL DATA INFRASTRUCTURE

ADMINISTERED  
BY THE  
DIRECTORATE : NATIONAL SPATIAL INFORMATION  
FRAMEWORK

DEPARTMENT OF RURAL DEVELOPMENT AND LAND  
REFORM



SASDI



- Committee for Spatial Information(CSI)
- Implementation of South African Spatial Data Infrastructure (SASDI)
- South African Geo-spatial Information Management Strategy (SAGIMS)

First term: 2010-2013

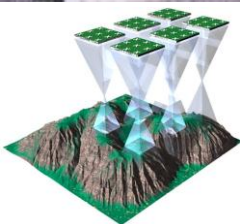
Extended period: Oct 2013- June 2014

Subcommittees:

- Policy and Legislation subcommittee
- Data subcommittee
- Systems subcommittee
- Education and Training subcommittee
- Standards subcommittee
- Communications and Marketing subcommittee

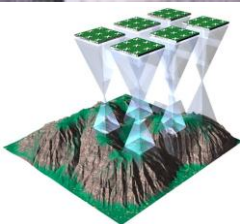


**SASDI**





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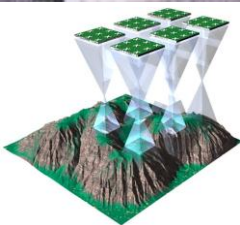


## Some of the achievements of the CSI:

- Study by the Data subcommittee- identify base datasets and base data custodians
- Finalised the two policies – Base Datasets Custodianship policy and the Policy on the pricing of spatial information products and services
- Drafted the SASDI Compliance guidelines – outlines the responsibilities of organs of state in adhering to the SDI Act, policies and other relevant legislation.
- Launched the SASDI website - [www.sasdi.gov.za](http://www.sasdi.gov.za)
- Data Collection Project Register - <http://www.sasdi.gov.za/DCPRHome.asp>
- Implemented the Electronic Metadata Catalogue



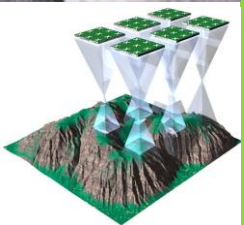
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- New CSI to be inaugurated by September 2014
- New work programme to be developed
- New subcommittees to be established
- Participation at subcommittee level is important for implementation CSI resolutions /SASDI.
- Look out for nomination forms to be circulated toward end of 2014.



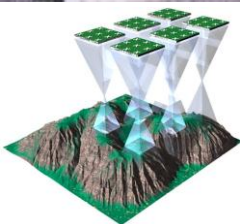
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# SOUTH AFRICAN GEOSPATIAL INFORMATION MANAGEMENT STRATEGY (SAGIMS)



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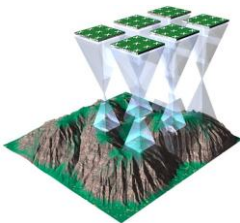


- Based on the SDI Act (Act 54 of 2003)
- Project initiated by the CSI
- Project managed by the Policy subcom of the CSI
- SASDI objectives - the promotion of effective management and maintenance of spatial information section 3 (2)(c).
- A need for a coherent and systematic approach in the management of geo-spatial information through an envisaged strategy

# Why the Strategy?



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- The SDI Act did not follow the usual predefined policy and law formulation process
- A green paper is drawn up by the Ministry involved with the help of advisors
- The Green paper will be presented before the Portfolio Committee and if agreed/ approved then move to the White paper
- Public consultation will be held and Cabinet will approve the final policy document.
- From a policy document a Bill is drafted which later becomes an Act of Parliament.
- Currently, there is no policy document on the management of spatial information in the country.

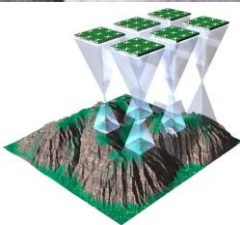


# Why the Strategy?

- Align to the long-term developmental agenda
- National Development Plan (NDP)
  - Poverty and inequality
  - Prosperity and equity
- The strategic role of geo-spatial information:
  - Proper planning and informed decision making



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# Who is the strategy for?

## For the country

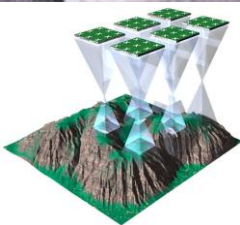
- Geo-spatial information as a strategic resource in SA's long term development goals

RE -- NDP

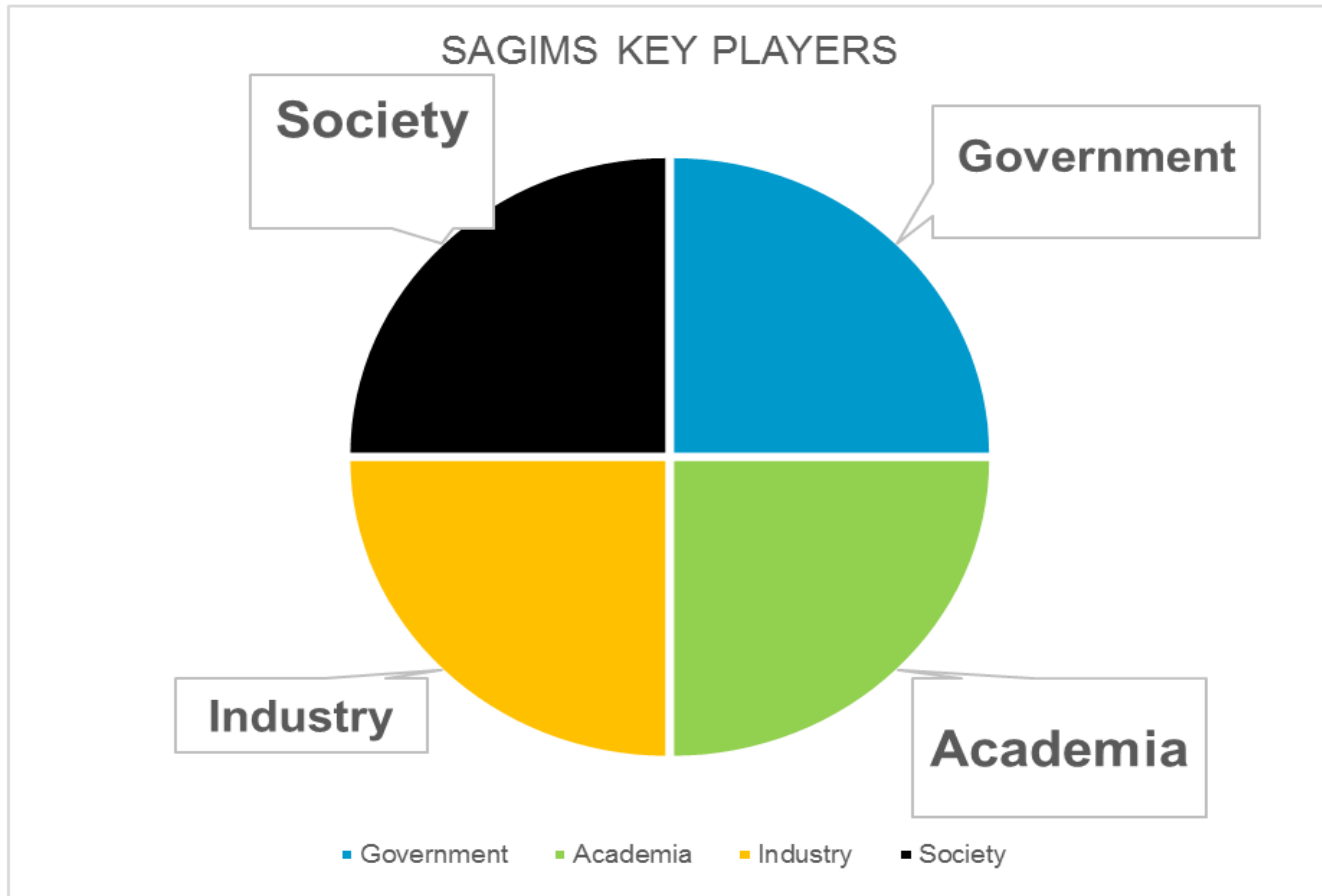
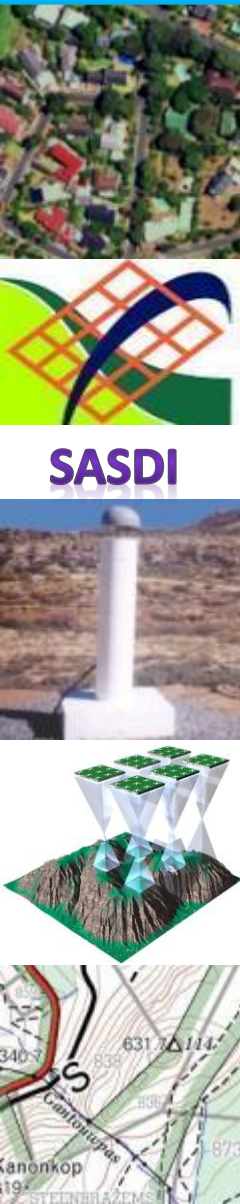
NOT for government



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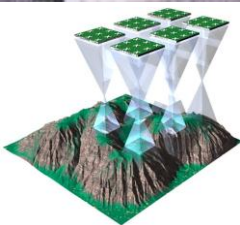
# Key role players



# Purpose of the strategy



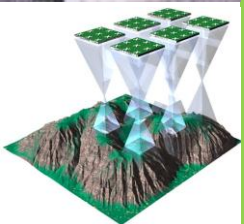
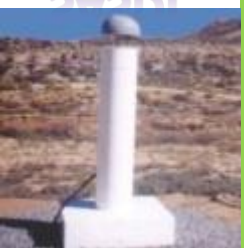
SASDI



- To outline a long-term coordinated and integrated approach to the **management** of geo-spatial information to enable South Africa to realize its development objectives.
- To provide the overall context and guidance for future direction and development of the geo-spatial information landscape in SA.
- To ensure open robust and effective usage of geo spatial Information



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*“Geo-spatial information management in support of South Africa’s developmental agenda (needs)”*

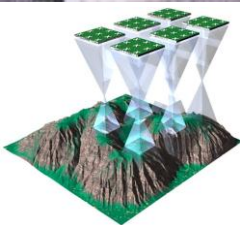
# Focus Areas

Four commissions established focusing on the following areas:

- Data
- Capacity and Capability
- Geo-Information Communication and Technology
- Policy and Legislation



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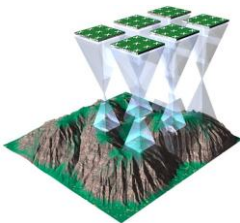


## Sub- vision:

*“Available, Accessible, Relevant and Usable geo-spatial datasets for South Africa’s developmental agenda”*

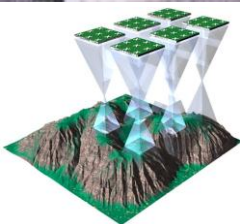


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- **Objective 1: Availability and accessibility**
  - How can data become more available and accessible?
  - Review of local and international literature studies
  - Data inventory/metadata systems
  - Data repository
  - Data infrastructure
- **Objective 2: Reliable**
  - What mechanisms are needed to ensure quality of data?
  - Investigate data quality policy and legislative framework (local and international)
- **Objective 3: Relevant**
  - What data is needed and for what?
  - Link with developmental goals
- **Objective 4: Usable**
  - How can we embed use to achieve developmental goals?
  - Research on local and international practice

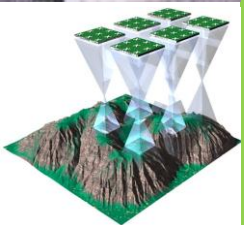


## Sub- vision:

*“A general understanding of the value of geo-spatial information by all South Africans and a workforce with appropriate skills –so that NDP objectives are realized”*

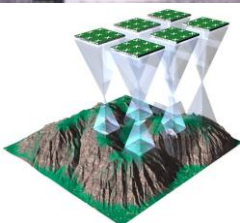


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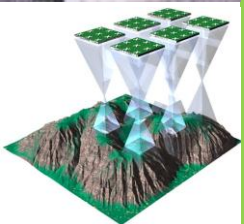
- **Objective 1: GIS skills- supply**
  - Identify skills gap
  - Propose interventions
  - Propose indicators for measuring progress
  - Measure status quo
- **Objective 2: GIS skills- demand**
  - Identify skills gap
  - Propose interventions
  - Propose indicators for measuring progress
  - Measure status quo
- **Objective 3: Understanding the value of geo-spatial information**
  - Identify shortcomings
  - Propose interventions
  - Propose indicators for measuring progress
  - Measure status quo

## Sub- vision:

*“Information Communication Technology platforms to enable and sustain the management of South African Geo-spatial Information towards a better life for all.”*

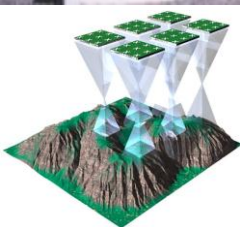


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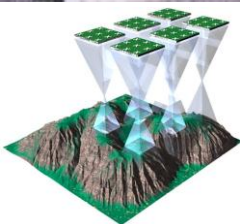
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- **Objective 1: High capacity network infrastructure**
  - Current situation/gap analysis
  - Conceptual Framework: alignment of the ICT infrastructure with the NDP.
  - Link with current initiatives (e.g. ICT green paper)
- **Objective 2: High Capacity computer storage**
  - Current situation/gap analysis
  - Conceptual Framework: alignment of the ICT infrastructure and the NDP.
  - Link with current initiatives (e.g. ICT green paper)
- Objective 3: Secure ICT environment**
  - Current situation/gap analysis
  - Conceptual Framework: alignment of the ICT infrastructure and the NDP.
  - Link with current initiatives (e.g. ICT green paper)



SASDI



- Research work by commissions to be finalized- by end of July 2014
- Research work write up by commissions in place –by end of September 2014
- Consolidation of research work write up and consultative workshops- by end of December 2014
- Consolidation of inputs and draft strategy write up- by end of February 2015
- Submission of draft strategy to CSI for consideration- by March 2015

# Conclusion

You are invited to join the Geo-information community in charting a new course for South Africa's development:

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**SASDI**

