INTRODUCTION TO SOUTH AFRICAN SPATIAL DATA INFRASTRUCTURE
SDI Act
Spatial Data Infrastructure Act, No. 54 of 2003

- CSI
  Committee for Spatial Information
- SASDI
  South African Spatial Data Infrastructure
- EMC
  Electronic Metadata Catalogue

standards and prescriptions
sharing of spatial information
capture, publishing of metadata
SDI Act, 2003 – Preamble

ACT
To Establish:
- The South African Spatial Data Infrastructure (SASDI);
- The Committee for Spatial Information (CSI); and
- Electronic Metadata Catalogue (EMC)

To Provide for:
- Determination of Standards and prescriptions to facilitate sharing of spatial information
- The capture and publishing of metadata
  To avoid duplication of capture
- Matters concerned therewith
  [Data custodians: appointment & responsibilities]
SDI Act, 2003

Application of the Act

This Act applies to organs of state which hold spatial information and to users of spatial information

Liabilities

No person is liable for anything done in good faith in the exercise or performance or purported exercise or performance of any power or duty in terms of this Act
Committee for Spatial Information (CSI)

(a) 1 person to represent the **Minister** (RDLR)
(b) 2 persons in full-time employ of the **Department** (DRDLR)
(c) 1 person in full-time employ of each of:
   (i) Statistics South Africa (Stats SA)
   (ii) National Department of Provincial and local government
        [Cooperative Governance and Traditional Affairs (COGTA)]
   (iii) such **other national departments** of state **identified by the Minister**
(d) 1 person from each **Provincial Government**, (in full-time employ of such)
(e) 2 persons in full-time employ of **Local Municipalities** (1 Rural, and 1 Urban)
(f) 1 person representing the **Council of Government Information Technology Officers**
(g) 1 person representing a **Professional Association** of persons involved in **GISs**
(h) 1 person involved in teaching/research in **GISc (Academic)**
(i) At least 1 person from **public entities** (Schedule 2/3 of PFMA)
(j) 1 person from each **data custodian** as **identified by the Minister**
Committee for Spatial Information (CSI)

- CSI is a statutory body established in terms of section 5 of the Spatial Data Infrastructure Act.
- Consist of 27 number of members nominated by the organisations they represent and appointed by Minister of RDLR.
- Report to the Minister of RDLR.
- Must hold at least four meetings a year.
- Have a Code of Conduct.
- Represent the interest of the organisations they represent and the GI community in general.
- Coordinate the implementation of the SASDI.
- Advise the Minister or any other organ of state on matters relating to spatial information.
- Appoint Data Custodians.
CSI Work- Progress to date

✓ The Spatial Data Infrastructure Act was assented - 2004.
✓ Sections 1 to 11, 13 and 19 to 22 of the Act came into operation – 2006.
✓ Regulations for section 5 (establishment of the CSI) approved - 2008
✓ 1STM CSI Inaugurated - 2010
✓ Custodians – 10 Themes identified 2012
✓ Sections 12, 14 to 18 of the Act signed in operation - 2015
✓ Two policies approved by the Minister of RDLR – 2015
✓ A functional EMC - 2016
CSI Work- Progress to date

✓ Regulations approved and gazetted - 2017

✓ CSI Code of Conduct - 2017

✓ SASDI Compliance Guidelines approved

✓ Land Cover Standard approved - 2017

✓ Advance Metadata Training Courses - 2017

✓ First Compliance Audit for Custodians within DRDLR - 2017

✓ Engagements and appointment of Base Data Coordinators – 2017

✓ Draft SDI Amendment Bill - 2017
## Discussions and Decisions of the CSI

<table>
<thead>
<tr>
<th>Meetings</th>
<th>Discussions and Resolutions</th>
</tr>
</thead>
<tbody>
<tr>
<td>1(^{st}) meeting</td>
<td>Retained the six subcommittees</td>
</tr>
<tr>
<td>2(^{nd}) meeting</td>
<td>Adopted a PoW</td>
</tr>
<tr>
<td>3(^{rd}) meeting</td>
<td>Appointment of coopted experts</td>
</tr>
<tr>
<td>4(^{th}) meeting</td>
<td>Establishment of Provincial Spatial Info Forums</td>
</tr>
<tr>
<td>5(^{th}) meeting</td>
<td>Approval of the internal CSI policies</td>
</tr>
<tr>
<td>6(^{th}) meeting</td>
<td>SASDI compliance Guidelines recommended for approval</td>
</tr>
<tr>
<td>7(^{th}) meeting</td>
<td>Establishment of Subcommittees</td>
</tr>
<tr>
<td>8(^{th}) meeting</td>
<td>Approval of the Code of Conduct</td>
</tr>
<tr>
<td>9(^{th}) meeting</td>
<td>Approval of S&amp; T policy for CSI and NT and SITA circulars</td>
</tr>
<tr>
<td>10(^{th}) meeting</td>
<td>Approval of data capture projects</td>
</tr>
</tbody>
</table>
CSI Subcommittees

• Policy and legislation subcommittee
  Develop policies, legislation in support of SASDI

• Data subcommittee
  Promote availability, accessibility and dissemination of data

• Systems subcommittee
  Develop technical systems in support of SASDI

• Standards subcommittee
  Develop standards for SASDI

• Education and training subcommittee
  Build capabilities for SASDI through education and training

• Marketing and communications subcommittee
  Communicate SASDI and CSI activities
The South African Spatial Data Infrastructure (SASDI) newsletter is a free electronic newsletter for people interested in Spatial Data Infrastructure implementation. The purpose of the newsletter is to raise awareness and provide useful information to strengthen SDI efforts. The newsletter is prepared for the Geospatial community by the Directorate: National Spatial Information Framework (NSIF).

The Committee for Spatial Information appoints members of the subcommittees in line with Section 10 of the Spatial Data Infrastructure Act, 2003.

<table>
<thead>
<tr>
<th>Subcommittee Policy and Legislation</th>
<th>Standards Subcommittee</th>
<th>Systems Subcommittee</th>
<th>Education and Training Subcommittee</th>
<th>Marketing and Communications Subcommittee</th>
<th>Data Subcommittee</th>
</tr>
</thead>
<tbody>
<tr>
<td>Derek Clarke (Chair)</td>
<td>Bulewa Semol (Chair)</td>
<td>Sibusiso Dlamini (Chair)</td>
<td>Serena Coetzee (Chair)</td>
<td>Nonde Mnyake (Chair)</td>
<td>Jeffrey Williams</td>
</tr>
<tr>
<td>Sisiel Kay</td>
<td>Antony Cooper</td>
<td>Tendani Luvhungwa</td>
<td>Jeffrey Williams</td>
<td>Audrey Mbatha</td>
<td>Maryfane Mouta</td>
</tr>
<tr>
<td>Seakatala Majojo</td>
<td>Peter Schmitz</td>
<td>Magda Smit</td>
<td>Ahmad Desai</td>
<td>Muetreke M Mutamadi</td>
<td>Mkuonedile M Matamadi</td>
</tr>
<tr>
<td>Andiswa Misa</td>
<td>Sabelo Cele</td>
<td>Ahmad Desai</td>
<td>Linda-Anne Siebritz</td>
<td>Lwigwa Sakata</td>
<td>Ligwa Sakata</td>
</tr>
<tr>
<td>Flora Makgale</td>
<td>Patrick Vorster</td>
<td>Motsatsi Masungwini</td>
<td>Lindy-Anne Siebritz</td>
<td>Aubrey Kekeana</td>
<td>Lwuncelo Ngcfe</td>
</tr>
<tr>
<td>Antony Cooper</td>
<td>Mukondelel Multamadi</td>
<td>Jashmir Manganbehane</td>
<td>Audrey Mbatha</td>
<td>Aubrey Kekeana</td>
<td>Salome Minnie</td>
</tr>
<tr>
<td>Morena Letsosa</td>
<td>Papama Matli</td>
<td>Jashmir Manganbehane</td>
<td>Sibusiso Langatshe</td>
<td>Lubuo Kgosi</td>
<td></td>
</tr>
<tr>
<td>Genock Mrsi</td>
<td>Jashmir Manganbehane</td>
<td>Jashmir Manganbehane</td>
<td>Lubuo Kgosi</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Nicole Fouhe</td>
<td>Audrey Mbatha</td>
<td>Lwigwa Sakata</td>
<td>Lubuo Kgosi</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Gareth Muthumbi</td>
<td>Mpuke Kekeana</td>
<td>Jashmir Manganbehane</td>
<td>Lubuo Kgosi</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Papama Matli</td>
<td>Serena Coetzee</td>
<td>Lubuo Kgosi</td>
<td>Lubuo Kgosi</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Manyama Michael</td>
<td>Michael Manyama</td>
<td>Lubuo Kgosi</td>
<td>Lubuo Kgosi</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Audrey Mudzu</td>
<td></td>
<td>Lubuo Kgosi</td>
<td>Lubuo Kgosi</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Jeni Weru</td>
<td></td>
<td>Lubuo Kgosi</td>
<td>Lubuo Kgosi</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Implementing the South African Spatial Data Infrastructure
SASDI Governance

The Minister Rural Development and Land Reform (DRD LR)
Provides Executive Leadership

Director General [Act, section 3(3)]
Administers the SDI Act and the SASDI

Committee for Spatial Information (CSI) [Act, sections 5-10]
Develop and implement SASDI

National Spatial Information Framework (NSIF)
Provide Administrative and Secretariat to the CSI
Objectives of SASDI

- facilitate the capture of spatial information through co-operation among organs of state;
- promote effective management and maintenance of spatial information;
- promote the use and sharing of spatial information in support of planning;
- create an environment which facilitates co-ordination and co-operation among all stakeholders;
- eliminate duplication in the capturing of spatial information;
- promote universal access to such information; and
- facilitate the protection of the copyright of the state in works relating to spatial information.
The **EMC** is a “search and discovery” solution with **detailed metadata** enabling users to search and access **spatial data** that is **most suitable for a specific purpose**.

**It is obligatory for Data Custodians** to **capture metadata** for their data holdings on the EMC at [www.sasdi.net](http://www.sasdi.net)

14 SEPTEMBER 2018

COLLABORATIVE CUSTODIANSHIP

MAROALE CHAUKE
Thank you

For more information contact:
National Spatial Information Framework
nsif@drdlr.gov.za
www.sasdi.net
Maroale.chauke@drdlr.gov.za
012 3129643