WESTERN CAPE SPATIAL INFORMATION FORUM

Municipal Map Viewer WC

Presented by:
Stefan Steenekamp

WCSIF: OBJECTIVE

- Identify and **address duplication** of efforts and projects relating to GIS;

- Promote the **sharing** of spatial information within the Province and among the **three spheres** of government through collaboration

- Establish a platform for the **support of district and local municipalities with GIS** and skills development;

- Develop a Provincial **Spatial Information Strategy**.

- Assist government employees with registration as GIS professionals through inter-departmental co-operation.

BACKGROUND

- Most Municipalities do not have an online spatial tool (map viewer) to view spatial information.

- Lack resources, skills & money to develop such a tool.

- Decision making is negatively affected.

- WCSIF can assist to address the above need.

- Feed into national CSI initiative & governance according to SASDI & SDI Act

PROOF OF CONCEPT

- Implement a Municipal Map Viewer which displays all WC Municipal layers.

- Host it centrally and make it available to all WC municipalities.

- Use the existing Cape Farm Mapper as a POC.

- Add 5 core spatial layers from WC Municipalities.

- Present the concept at ICT manners & Municipal manners meeting.

LONG TERM

- Pull map services from local municipalities and publish on Municpal Map Viewer

- All spatial layers have the same minimum schema and standards.

- Municipalities update the GDB locally via ArcGIS Desktop:

  - Publish layers as a map service

- Updated Information is displayed via the Municipal Viewer.

- Municipalities can view, share & collaborate.

- Share cost for the development of new tools/functionality.

LIVE DEMO

- https://gis.elsenburg.com/dev/muniviewer/

COMMENTS/QUESTIONS