GLOBAL MAPPING,

KENYA'S EXPERIENCE

Global map

As technically understood, refers to an archive of Spatial Datasets at a small scale with Global coverage.

Kenya's Global Map

Was at production designed and compiled at scale 1:1mn and limited to Fundamental data sets, that are core to the Global Map framework.

Gains for engaging in GM

Has been quite beneficial in many aspects as indicated here under:

- The experience gained in the development of GM has naturally become an asset in the establishment of the Core Spatial Data framework, for the SDI Project.

Gains for engaging in GM

- Through GM SOK has been able to build sizeable capacity in the form of manpower and resources to meet most challenges involved in the exercise
- Through the same project we were able to apply the experience in the establishment of the Spatial Data framework for the City of Nairobi. Currently we were are planning to scale up the activity to cover other major cities.

Gains for engaging in GM

- Staff are highly sensitized, motivated and feel challenged by the subject matter as they respond to the demands of the new paradigm in dealing with the core data sets.
- The Global map has been quite useful as a decision support tool and in planning the National programmes.

Uses of GM

[1]Generally many organization use the Global map as the base map on which to showcase their individual Geo-referenced core data sets as they develop Institutional Information Management Systems for planning and regulating their respective core business as in the examples listed here below:

Specific Applications

• Planning of Cellular phone network
• Planning for the AFREF project
• Population Census
• Wildlife distribution and monitoring
• Planning of General Elections
• Research work

Global Map also used

• For the compilation of the Kenya's National Atlas.
• As a tool for disaster mapping and mitigation.
• Ecological condition.
• Monitor destruction of the forest cover.

SOK Vision

Is to avail the GM on the internet, on a local domain web site but are constrained as follows

• Capital for this Investment.
• Inadequate and unstable power supply to sustain the GM on an internet based platform,
• Telecommunication poor,
• Prevalence of interrupted Internet Connectivity that may not support web-mapping capability.
• Lack of dedicated electronic network as a means for data capture and distribution to users