

PROCEEDINGS OF THE FOURTH KENYA NATIONAL SPATIAL DATA INFRASTRUCTURE (KNSDI) WORKSHOP HELD AT THE SILVER SPRINGS HOTEL, NAIROBI, ON 30TH NOVEMBER 2005.

SESSION I: OPENING CEREMONY

The workshop commenced at 09.30 hrs after the registration of participants with a welcome address from the Director of Surveys, Mr. Kombo Mwero. The Deputy Resident Representative of the JICA Kenya Office, Mr. Jiro Inamura , then gave a short speech. This was followed by the keynote address by the Permanent Secretary, Ministry of Lands and Housing, Mr. Mukiira Kiriinya. The opening session was chaired by Mr. Kombo Mwero.

SESSION II: KNSDI STRUCTURE

Presentations

The following presentations were made (see Presentations folder):

1. Fundamental Concepts of NSDI and e-Government - Kombo Mwero
2. Review of KNSDI I, KNSDI II, KNSDI III Workshops - Bowers Owino
3. Draft KNSDI Policy - Henry Ngomo

Plenary

Chair: Dr. Wilbur Ottichillo (Director General, RCMRD)

Panel: Mr. Jaspal Agatsiva (Director, DRSRS)

Mr. Gordon Wayumba (Chair, Dept. of Geomatics Engineering, UoN)

The topic for the plenary session was "Review of Current KNSDI Structure and Functions". The discussion was as follows:

Mr. J. Agatsiva (DRSRS)

- Who should be involved in the legal mechanism of the KNSDI policy?
- Which organisation will host and manage the KNSDI clearinghouse?

- How will the proposed KNSDI structure be linked to the Administration system (Office of the President)?
- What will be the terms of reference for the various KNSDI bodies e.g. how many meetings will they hold every year?
- How will the Working Groups relate with the KNSDI Secretariat?

Mr. G. Wayumba (UoN)

- Linking the KNSDI to the Office of the President would involve too much bureaucracy. KNSDI should be a quasi autonomous organization to avoid too much red tape
- KNSDI should join the campaign for the improvement of Internet connectivity in the country (in consultation with the CCK, Telkom Kenya, ISPs and other stakeholders)
- KNSDI should recognise and prioritise the urgent need to update the country's base maps which are completely out of date as well as improving their coverage at medium scale (1:50,000)
- KNSDI should be at the fore front of the efforts towards a region-wide spatial reference system i.e. AFREF

Mr. Willy Simmons (Oakar Services Ltd.)

- It is not clear which is the focal organization to house the KNSDI secretariat
- Working Group members should be appointed on the basis of their expertise
- The issue of KNSDI funding is critical to its success and should be a leading agenda of the KNSDI process

Dr. Alex Awiti (ICRAF)

- KNSDI should not be linked to Office of the President
- A Working Group should be formed to tackle the issue of KNSDI funding. The WG should consider funding from the government, private sector, international NGOs, multinational companies, etc

Mr. Fredrick T. Otieno (DRSRS)

- How will the composition of the various KNSDI bodies be determined?

Dr. Galcano C. Mulaku (UoN)

- The efforts and effects of the KNSDI should trickle down to ordinary citizens
- The KNSDI Secretariat should reflect the wide variety of stakeholders

Mr. Reuben Murugu (SoK)

- The composition of the KNSDI Secretariat should be broad-based
- KNSDI Secretariat should be styled as a coordinating body and not as a committee

After further contributions from the floor, the following were the main points of agreement:

1. The patron of the KNSDI will be the Office of the President
2. Ministry of Lands and Housing will coordinate the KNSDI initiative since the ministry holds more than 50% of the core data sets
3. The Head of Civil Service will chair the National Executive Council
4. The KNSDI Secretariat will organise resource mobilisation for KNSDI activities
5. The KNSDI Secretariat will be broad based to embrace a wider cross section of stake holders
6. The convenors of the Working Groups will be incorporated in the KNSDI Secretariat
7. Key security organizations (e.g. DoD, Kenya Police, NSIS) will be incorporated in the KNSDI at all levels
8. KNSDI will encourage private enterprise among the geo-information community
9. Location based service providers (mobile phone companies, hospitals, oil companies) will be incorporated in the KNSDI initiative

SESSION III: KNSDI ACTIVITIES

Presentations

The following presentations were made (see Presentations folder):

1. NSDI Activities at DRSRS - Fredrick T. Otieno

2. GIS for the Nation: Providing Framework Datasets at Survey of Kenya - Antony O. Lamba

Plenary

Chair: Dr Galcano C. Mulaku (Senior Lecturer, Dept of Geomatics Engineering, UoN)

Panel: Mr Fredrick T. Otieno (Geo-information Officer, DRSRS)

Mr Meshack Nyabenge (GIS Unit Manager, ICRAF)

The topic for the plenary session was "Review of Tasks, Membership and Operation of Working Groups". The discussion was as follows:

Mr M. Nyabenge (ICRAF)

- KNSDI partners need access to a complete and up to date inventory of spatial information

Mr. F. T. Otieno

- There is no legal representation in the present membership of the Legal WG

Other observations from the floor were as follows:

- Who is/are the target for the training function of the Education WG? Who will carry out the training?
- Is the number of WGs adequate?
- Does the membership of the various WGs need reviewing?
- Is the listing of tasks/functions adequate?
- Is the membership of WGs to be on individual or organisational basis?
- What regulations have been put in place to ensure that data produced and supplied by national agencies like SoK was not used for illegal purposes?

The main conclusions from this session were:

1. The four Working Groups will be retained as they are

2. The membership of the WGs will be organisations rather than individuals. Member organisations will nominate a contact person and have continuity mechanisms in place in case the contact person leaves the organisation
3. Convenors of the WGs will be as follows:
 - Standards WG - Survey of Kenya (Mr. Bowers Owino)
 - Legal WG - Department of Lands (Mr. Cyrus Ngatia)
 - Education WG - University of Nairobi (Dr. Galcano Mulaku)
 - Dissemination WG - DRSRS (Mr. Charles Situma)
4. Ministry of Lands & Housing to set up the KNSDI Secretariat and set aside operational funds for the WGs
5. The detailed tasks/functions of WGs to be elaborated by WGs during their meetings
6. The WGs to come up with a report to be incorporated in the draft KNSDI policy by the end of March 2006
7. Additional organisations will be incorporated in the KNSDI Partner List as follows:
 - Kenya Civil Aviation Authority - Standards WG
 - Nairobi City Water & Sewerage Company - Standards & Dissemination WGs
 - Dept of Land Adjudication & Settlement – Education WG
 - Kenya Police – Dissemination WG
 - ISK – Standards WG
 - CCK – Dissemination WG
 - NEMA - Standards & Education WGs
 - Dept of Physical Planning – Standards WG
 - DOD – Dissemination WG
 - Housing Dept - Standards & Education WG (Contact Person: Peter Chacha)
 - National Museums of Kenya – Education WG
 - Kenya Bureau of Standards – Standards WG
 - KIPPRA – Legal WG
 - National Housing Corporation - Standards & Education WGs
 - Oakar Services Ltd – Standards & Dissemination WG
 - DRSRS - Standards & Dissemination WG

- Office of the Attorney General – Legal WG
- Dept of Lands – Legal WG

SESSION IV: KNSDI POLICY

Presentation

The following presentation was made (see Presentations folder):

1. National Land Policy Formulation Process - Land Information Management Systems
- Mr. Reuben Murugu

Plenary

Chair: Dr. M. K. Gachari (Chair, Dept of Geospatial Engineering & Geographical Information Systems)

Panel: Mr. Kombo Mwero (Director of Surveys)

Dr. Eric Aligula (Policy Analyst, KIPPRA)

Dr. Galcano Mulaku (Senior Lecturer, Dept. of Geomatics Engineering, UoN)

The topic for the plenary session was “Review of the Draft KNSDI Policy”. The discussion was as follows:

Mr. K. Mwero

- The GI community should strive towards free access of public spatial information since the production of such information is financed through public funds. Restrictions to such access should be imposed only on datasets that touch on national security

Dr. G. C. Mulaku

- The work done so far on the draft KNSDI policy provides a good framework but more work is still needed so that the policy document takes good shape
- There are other parallel policies being developed e.g. NLP, National Disasters Policy, National ICT Policy, etc. There is need for harmonization of KNSDI Policy with these policies

- KNSDI needs to have a National, Regional as well as an International vision
- KNSDI Policy can not be complete without reference to its relevance to the average citizen
- KNSDI Policy should emphasize on standards e.g. core datasets should conform to international geo-data standards; there is need for training standards for people working in GIS
- Cost recovery for production of spatial data is necessary for sustainability
- KNSDI funding mechanism is still unclear

Dr. E. Aligula

- The draft KNSDI Policy lacks justification – Why is it necessary? What does it aim to achieve?
- The draft KNSDI Policy does not adequately address the role of KNSDI in support of development in Kenya
- The draft KNSDI Policy should articulate targets and timeframes
- The draft KNSDI Policy lacks a monitoring and evaluation element
- How does the draft KNSDI Policy relate with the freedom of access to information (with respect to policies under the Ministry of Information)?
- What are the implications of autonomy in pricing?
- How does the draft KNSDI Policy relate to the National Land Policy (formulation in progress)?
- The draft KNSDI Policy must come out clearly on the role of the public, private and individual users on funding. Who pays for data? What are the main sources of funding currently? How can this be improved and what will be the benefits? How will the financing be organised and who needs to be involved?

Mr. Willy Simmons

- Geo-coding addresses need to be incorporated in the KNSDI core datasets
- A GIS portal is the way to go for discovery of data

Further deliberations during this session were as follows:

1. The draft KNSDI Policy should incorporate:

- Justification
- Linkages with other relevant national policies

- Targets to be pursued and the timeframes within which to accomplish tasks
 - Implementation framework
 - Monitoring and Evaluation component
2. KIPPRA to join the KNSDI Secretariat (CP: Dr. E. Aligula)
 3. The KNSDI Secretariat to compile and deliver the revised draft KNSDI Policy within a month of receiving WG reports i.e. end of April, 2006
 4. The KNSDI Secretariat to follow up and get a representative from the private sector (consult KEPSIA)

SESSION V: RESOLUTIONS

Chair: Dr. Wilbur Ottichillo (Director General, RCMRD)

The participants were taken through the resolutions of the workshop by the session chair. The resolutions are contained in the Resolutions folder.

Closing Remarks

(by Dr. Galcano C. Mulaku)

1. It is encouraging to note that the KNSDI has picked up again
2. A lot has been accomplished in one days' workshop
3. The challenge now is to follow through with the way forward as agreed at this workshop
4. All participants should carry out their allocated duties within their respective organizations
5. The government (ministries) should take the KNSDI initiative seriously as they hold most of the KNSDI data sets
6. Thanks to the session chairs, presenters, JICA, Survey of Kenya, the KNSDI Secretariat and KNSDI IV Organising Committee for a commendable workshop