WORKING ACROSS BORDERS AND REGIONS IN AFRICA: INSIGHT INTO ISSUES AND CHALLENGES
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UN-GGIM 3RD HIGH LEVEL FORUM BEIJING, CHINA
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Collaborating Across Borders

Overcoming Political Differences

Shared Vision

After UN-GGIM

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Absence of cross border collaboration ????
Militants on Borders

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COLLABORATION ACROSS AFRICA HAS OTHER CHALLENGES

After UN-GGIM

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Modernization of Namibian Geodetic Network.
Unique Parcel Identifier
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Core systems
- LUPAGIS
- CDRS
- NCLAS

Expert systems
- CAMA
- LUPAGIS

Registers
- LTRS
- RES

Dissemination
- UPI-server

Surveyors
- Conveyancers
- Town planners/engineers
- Line ministries
- Local authorities
- Public
- Banks, credit institutions

Banks, credit institutions
A step-wise approach to the vision

File based information exchange

Real-time exchange

Common tables
Require stable systems
Investments needed

E-governance “ready”

Simple, robust
Duplicate information
Low cost
Can be done now
UPI implementation

• IT-maturity
• Legal frameworks
• Organisation
• Flexibility

Big leap
• Long lead time
• Un-known technology
## NAMIBIA NSDI POLICY

<table>
<thead>
<tr>
<th>General Policies</th>
<th>General Policies…</th>
<th>Standards</th>
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<tbody>
<tr>
<td>• Production of new datasets should be cleared with NSDI Clearing house</td>
<td>• Transparency of practices and procedures to be ensured</td>
<td>• NSDI Committee to propose standards in all domains</td>
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<td>• All data produced with public funds to be certified for general public access</td>
<td>• Spatial data producers to remain independent of political and institutional influences</td>
<td>• Namibia to adopt ISO standards</td>
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<td>• Publish all existing NSDI data and new initiatives</td>
<td>• Free Open Source software recommended in case of comparative advantage</td>
<td>• Minimum data quality set out must be complied with</td>
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Can Africa afford to continue to bury its head in the sand and pretend that African Integration is on course.
Conclusion

Africa can only fulfil its potential when it unshackles itself of political inertia and embraces geospatial tools and policies anchored on a common framework and internationally accepted standards.