

SMART SURVEYORS FOR LAND AND WATER MANAGEMENT CHALLENGES IN A NEW REALITY



eWORKING WEEK 2021
20-25 JUNE

Structured Knowledge Base and Teaching Essentials on Responsible Land
Administration: Assessment of Uses and Users

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NEED FOR STRUCTURED KNOWLEDGE BASE (SKB)

Teaching essentials on responsible land administration

1. Emerging land related challenges require new ways of understanding
2. Any forms of learning capable of supporting the new change from measurement to management requires:

“focus on learning to learn; need for flexible curriculum to deal with constant change; the move towards introducing virtual academy; the demand for creating a quality culture; and the perspective of lifelong learning”

Enemark, S. (2009). Surveying Education: Facing the Challenges of the Future. FIG Commission 2 Workshop, Vienna, Austria, 26-28 February



TEACHING ESSENTIALS ON RESPONSIBLE LAND ADMINISTRATION (RLA)

- Focus from “Measurement to Management”
- Advancement in Technology major driving force in spatial information world
- The 2030 Global Agenda provides a range of goals and targets that can never be achieved without having good land governance
- Functioning countrywide land administration essential for sustainable development.



Namibian old valuation card.. “so we moving them to digital “ source: Ivan Limbo 18.06. 2021



ONLINE -MODULAR COMPONENTS OF THE SKB TEACHING ESSENTIALS ON RLA

Teaching Essentials for Responsible Land Administration

Course Details

Background:

Although there is considerable knowledge available on land related issues and innovative land tools and practices, most of this information is partly unknown and/or fragmented among university teachers, or it is hidden within broader land related curricula. To redress this, partners within GLTN's International Research and Training Institutions Cluster have prepared a Structured Knowledge Base to support design and teaching of Responsible Land Administration curricula at universities and training institutions. The partners involved included: RMIT University, University of East London, University of Florida, University of West Indies, University of Twente, Aalborg University, Ardhi University, Technical University of Munich, NELGA (Network of Excellence in Land Governance in Africa) and UN-Habitat.

Content:

Six modules have been prepared and released as Beta versions in PDF format:

1. Core values and principles of responsible land administration
2. Land tenure security
3. Participatory land use planning and management
4. Responsible land administration and information in practice
5. Land based finance
6. Land policy and regulatory frameworks

Terms of Usage: The modules have been peer reviewed and are made available here in Beta version for review and use



www.elearning.glt.n.net



Authorship of the SKB Teaching Essentials

Module 1 -Core Values and Principles of Responsible Land Administration

- David Mitchell, Siraj Sait, Jean du Plessis and Agnes Mwasumbi.

Module 2 - Land Tenure Security: This module was authored by

- Grenville Barnes.

Module 3-Participatory Land Use Planning and Management

- Co-authored by Asad Mohammed.

Module 4- Responsible Land Administration and Information in Practice

- co-authored by Jaap Zevenbergen and Dimo Todorovski.

Module 5-Land Based Finance

- M Siraj Sait

Module 6- Land Policy and Regulatory Frameworks:

- Stig Enemark.



OTHER COURSE ON GLTN E-LEARNING PLATFORM

- Land-based Finance
- Gender Evaluation Criteria or GEC
- Social Tenure Domain Model or STDM
- Tenure Responsive Land Use Planning or TR-LUP
- NELGA Francophone Course Modules:8 This contains four modules on various aspects of land issues from the context of the Network of Excellence in Land Governance (NELGA)



SMART SURVEYORS FOR LAND AND WATER MANAGEMENT CHALLENGES IN A NEW REALITY




Tenure Responsive Land Use Planning

This five-module course covers key aspects of tenure responsive land use planning.

[Click to enter](#)



Gender Evaluation Criteria

A four-module course designed to deliver key land and gender evaluation skills.

[Click to enter](#)



Matériel Didactique Relatif à une Administration Foncière Responsable

Cette base de connaissances structurée est conçue pour permettre une utilisation flexible dans un large éventail d'activités d'enseignement, de formation et de

[Click to enter](#)



Teaching Essentials for Responsible Land Administration

This Structured Knowledge Base is designed to support flexible use in a range of academic teaching, training and research activities.

[Click to enter](#)



Social Tenure Domain Model

A course consisting of twelve videos highlighting the key features of STDm software.

[Click to enter](#)



Land-based Finance

Instructional videos on a range of tools by which local authorities can leverage land to expand their revenue base, to finance urban development and the delivery of essential services to all.

[Click to enter](#)



NELGA Francophone Course Modules

Formation sur les concepts, outils et pratiques innovants en matière de gouvernance foncière : gestion foncière adaptée au contexte, améliorer la transparence et adresser les disparités foncières

[Click to enter](#)



LEVEL AND DURATION OF THE SKB ON RESPONSIBLE LAND ADMINISTRATION

- 50 hours of study load (2 ECTS) at 3rd year university level,
- 4 or 5 lessons, with each comprising approximately 3 hours of classroom teaching ,
- Approximately 7 hours of teacher directed self- study.



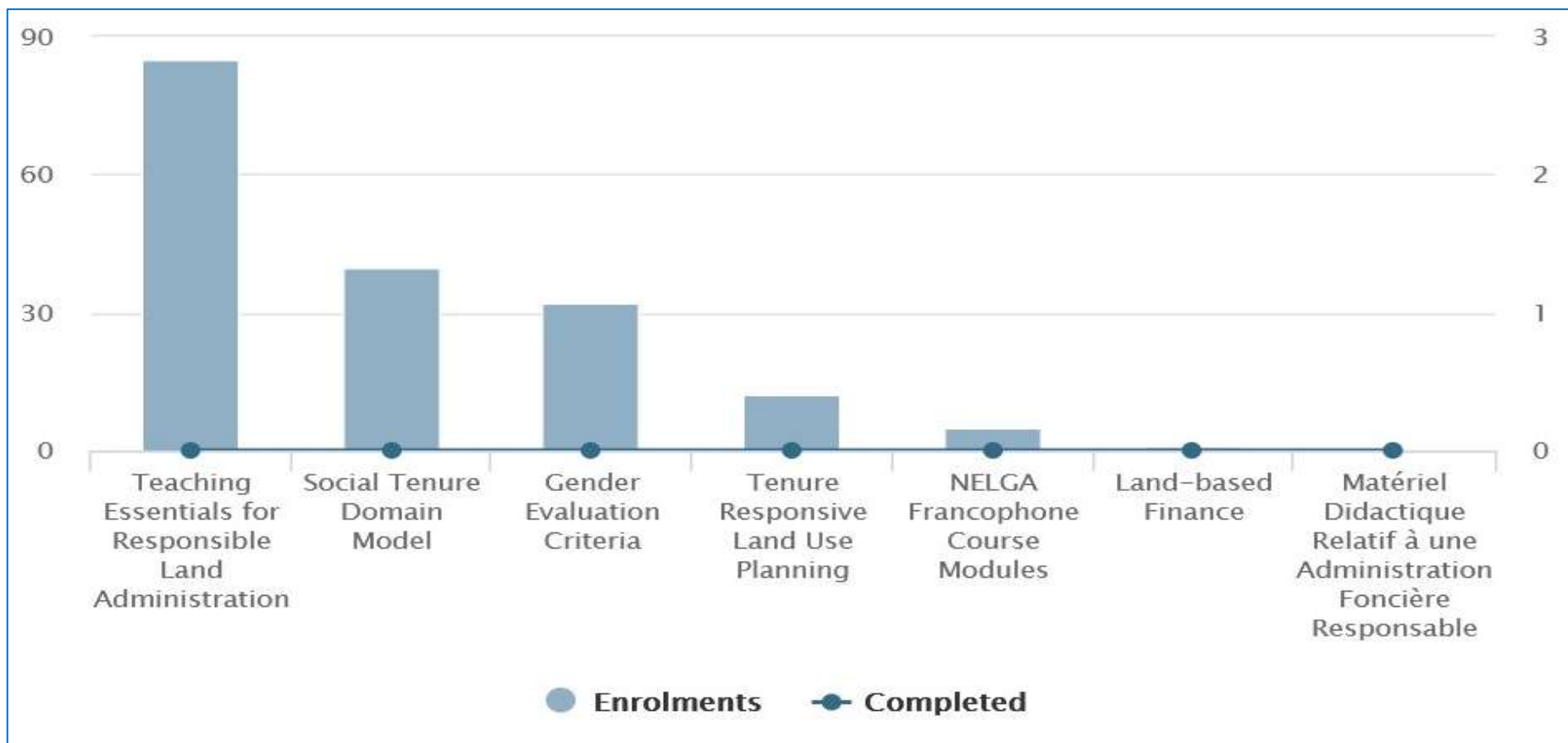


PERFORMANCE OF SKB USING GLTN DASHBOARD ANALYTICS AND TYPEFORM

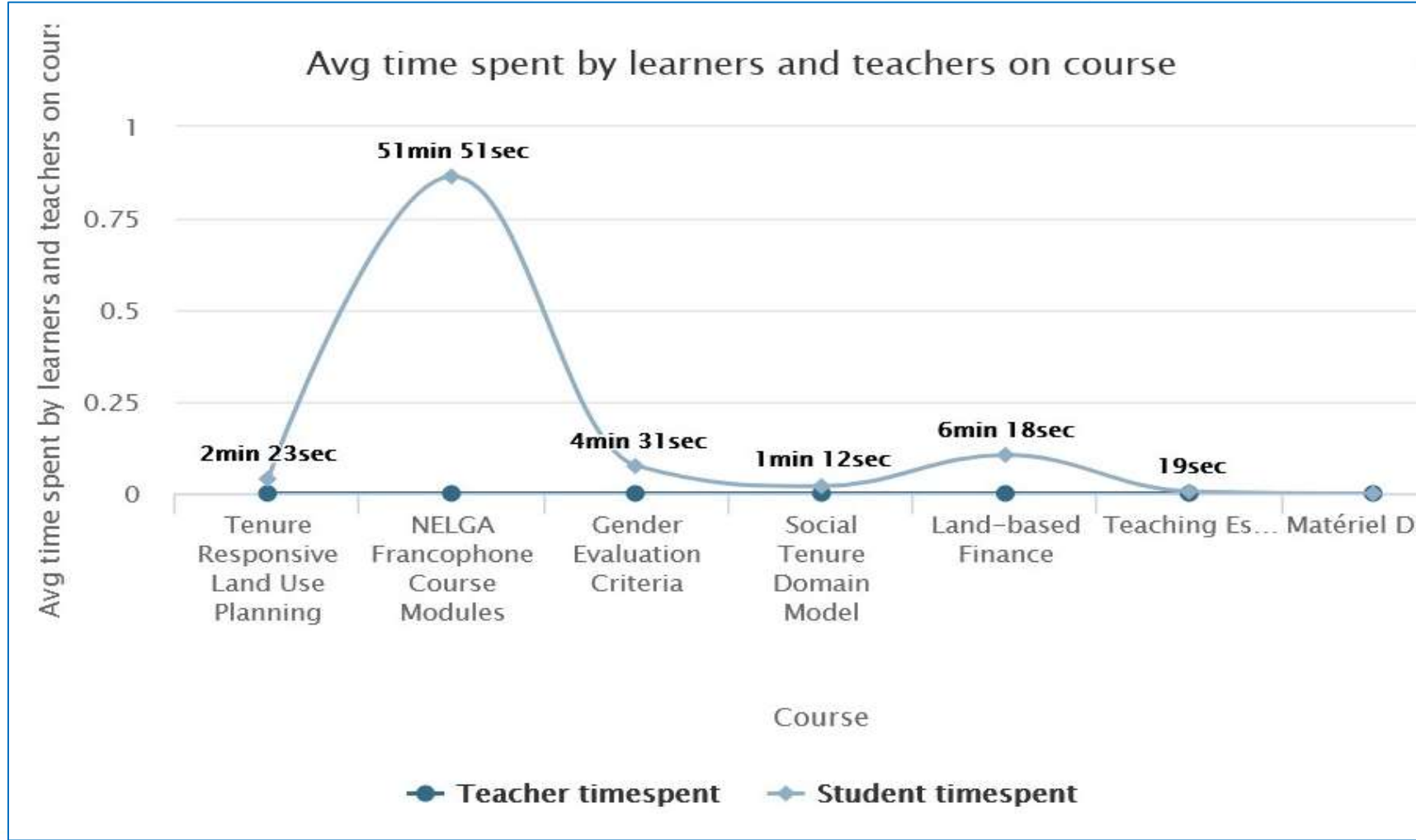




Course enrolment

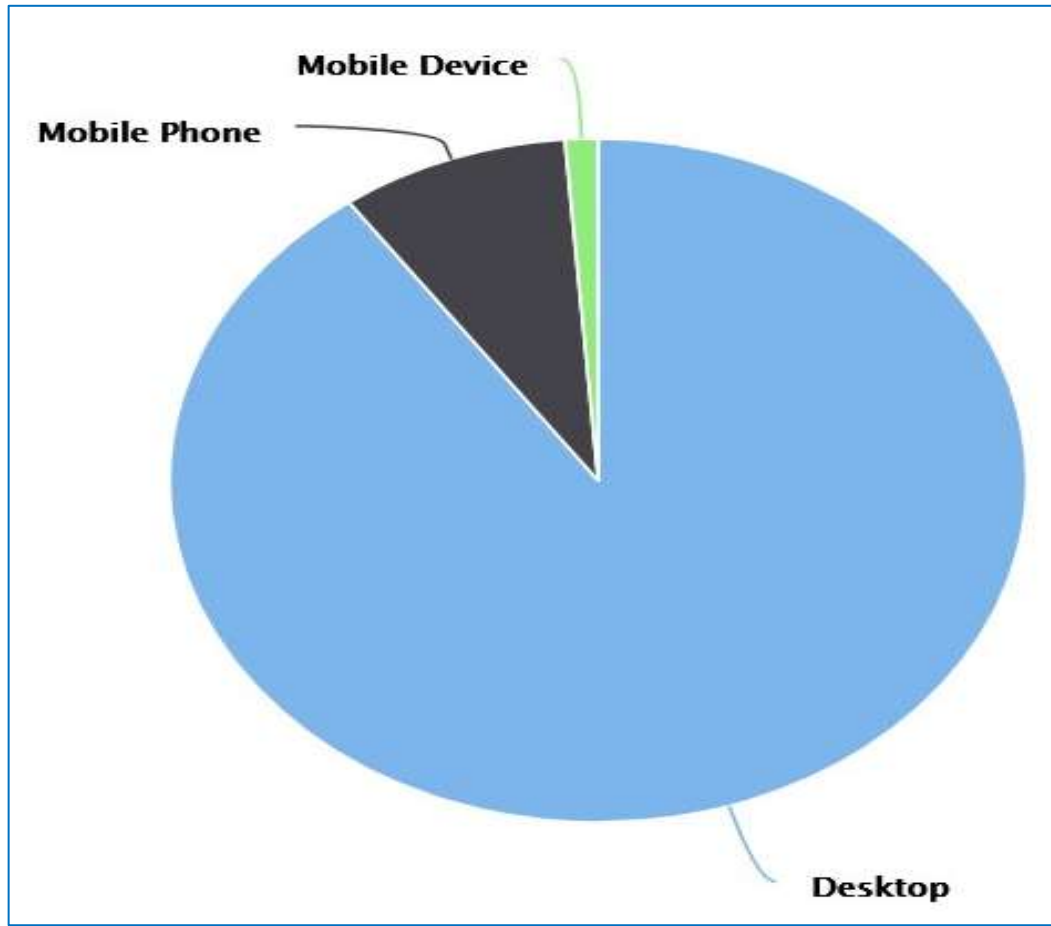


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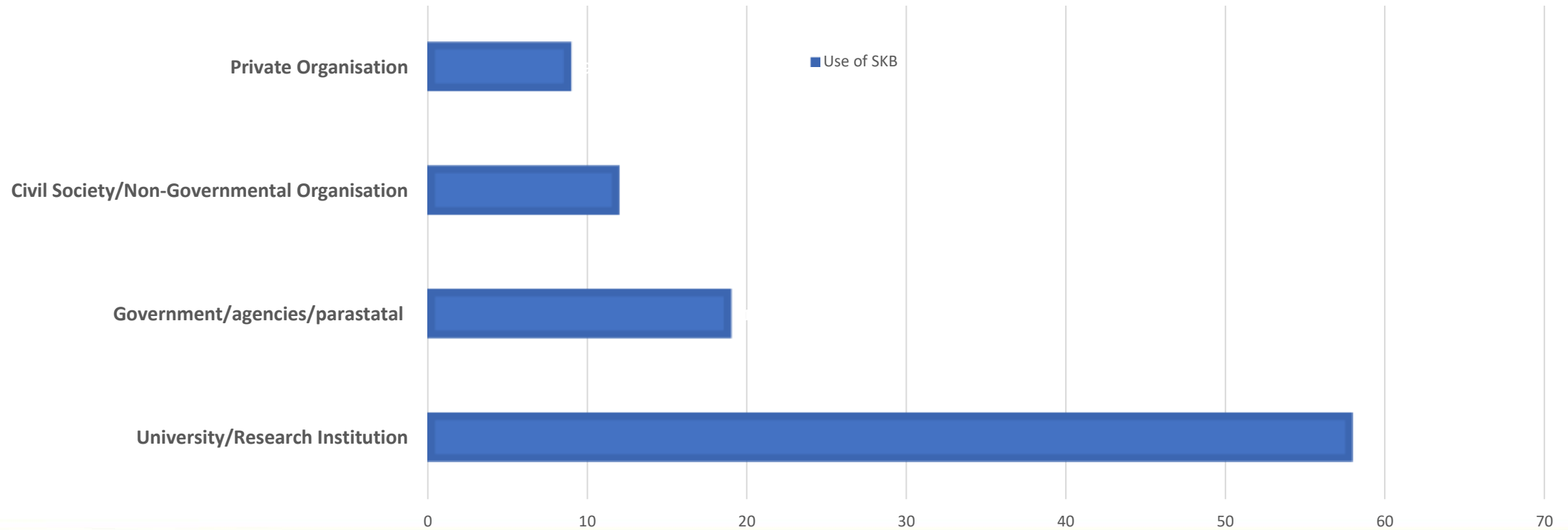
Device statistics of users





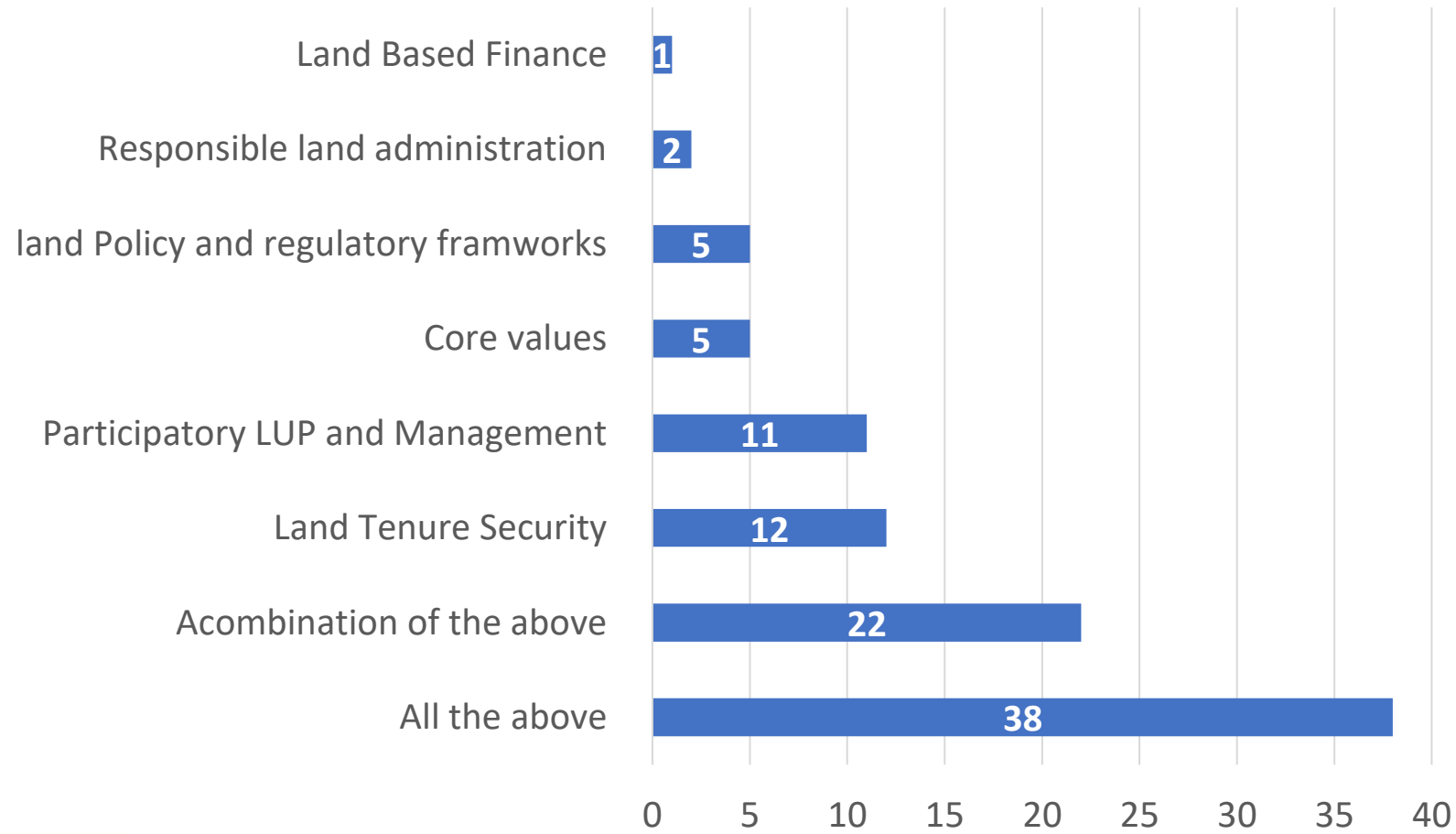
Potential Users

TYPE OF ORGANIZATIONS





Outlook of curricula (modules) interests from respondents





EMERGING ISSUES AND THE STEPS GOING FORWARD

- Contacting the stakeholders identified in this study (together with other GLTN partner organizations) to engage with them on how they can adapt the SKB.
- Engage stakeholders to understand what role or support the GLTN can play to ensure that they use the SKB teaching essentials in their capacity development or educational efforts
- Devise a means for monitoring the engagement of these stakeholders in adapting the SKB teaching essentials



Summary RLA teaching essentials

- Requires setting land administration lessons and class activities in a meaningful context
- Teaching essentials use remains a challenge
- Efforts would be necessary to ensure that academic networks are involved in the promotion of and the use of these materials.
- Success -translation of the RLA SKB teaching essentials into the French language
- Proposed virtual launch of the SKB teaching essentials' modules (both English and French), involving the various NELGA institutions in collaboration with the GLTN and GIZ.



**You can lead a horse to water
but you can't make it drink**

Source: <http://idiomatrix.blogspot.com/2010/03/you-can-lead-horse-to-water-but-you.html>



The screenshot shows the GLTN (Global Land Tool Network) e-Learning Platform website. At the top left is the GLTN logo with the text 'GLOBAL LAND TOOL NETWORK'. To the right is a login section with 'Username' and 'Password' fields, a blue arrow button, and a link for 'Forgotten your username or password?'. Below the login section is a navigation bar with 'GLTN', 'GLTN Website', and 'Meet our Training Partners' links, and a search icon. The main banner features a blue-tinted image of a group of people looking at a computer screen. Overlaid on the banner is the text 'GLTN e-Learning Platform' and 'Learn Easy. Learn Anywhere'. At the bottom of the banner are two buttons: 'About This Platform' and 'Target Audience'.

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Key words: Capacity development, curricula development, curricula evaluation, education, land, land administration, responsible land administration, structured knowledge base, surveying, surveying education, teaching essentials, teaching essentials.

SUMMARY

Teaching and capacity development of professionals in the land sector is vital in the improvement of living conditions and achieving sustainable development. The Global Land Tool Network (GLTN) since 2019 designed and developed the teaching and learning material on responsible land administration. This was after various researchers and experts in the land sector echoed the need for supporting the knowledge acquisition and capacity development of professionals. The courses are freely accessible to interested institutions and individuals. Material covers all aspects of land administration, from tenure, land value, land use land development. The teaching essentials were designed through an intensive peer review process, ensuring that the latest information on land administration is made available to teachers and learners as part of university education and capacity development in land administration. This paper is relevant because it is a renewed effort re-emphasize the availability of these land administration teaching/learning resources which is freely accessible to all. The paper answers the question, who is willing to use or are already using these resources, and for what purpose? The paper, apart from presenting narratives for grasping the nature and relevance of the teaching essentials, uses the GLTN Dashboard analytics to present the current state of its usage. Based on the scenarios identified, the paper provides recommendations in support of actual use and future improvements.

Thank You

https://www.fig.net/resources/proceedings/fig_proceedings/fig2021/papers/ts02.4/TS02.4_chigbu_du_plessis_et_al_11008.pdf



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