

## Committee of Experts on Global Geospatial Information Management

### Eleventh session

New York, 23, 24 and 27 August 2021

Item 3 of the agenda

### Strengthening of geospatial information management (for discussion and decision)

*Statement provided by: **Rwanda** through Rwanda Land Management and Use Authority*

#### *Statement:*

Rwanda, through Rwanda Land Management and Use Authority (RLMUA), is implementing a modern National Spatial Data Infrastructure (NSDI) as part of an integrated geospatial information framework to share harmonized geodata for its growing number of users.

The long-term goal for Rwanda is to make NSDI an innovative information hub rather than just data repository. For this, the following key steps have been taken to smoothen the move from scattered geodatabases and geospatial information to central geodatabase: the law is in the process of enactment to govern the geo-spatial information arrangement in the country; key staff were recruited; some relevant IT Infrastructure were procured; existing fundamental datasets were created, others were gathered from different producers and data updating processes are in place; and Rwanda geospatial community forum take place every year to discuss projects and underlying concerns.

In line with Integrated Geospatial Information Framework, RLMUA is currently looking into the possibility to deploy a Common Geo-Registry (CGR), a technology that will allow the integration of NSDI platform with other non-spatial data systems. Once in place, the CGR would allow the simultaneous hosting, management, regular update and sharing of the master lists as well as associated hierarchies for the geographic objects. This will permanently remove data barriers between different data systems in Rwanda.

The RLMUA is currently mobilizing necessary funding that would support the deployment of the CGR technology and, as such, geographically based decision-making across sectors in Rwanda. The CGR would also support the operations of the Integrated Geo-information Visualization Room (IGVR) to be established for real time monitoring and response of events in the country.

Any support that the UN-GGIM community could provide in this regard would be much appreciated.

**Submitted on:**

8/19/2021