

## REVIEW OF SPECTRUM ASSIGNMENT STRATEGY

### Creating impact through spectrum management to foster socio-economic development

Spectrum plays a pivotal role in the growth and sustainability of the **Information and Communication Technology (ICT)** sector by enabling the deployment of infrastructure and services to all other economic sectors. As per **Section 99** of the **Communications Act, (No. 8 of 2009)** the Authority is vested with the control, planning, administration, management, and licensing of the radio frequency spectrum.

The Authority is therefore embarking on the review of the **spectrum assignment strategy** for the forthcoming **three (3) years** i.e. **2025** to **2027**. The following trends and factors will be considered:

- Balancing the increasing need for spectrum for mobile vis-à-vis the retention of spectrum for satellite;
- The sunseting of legacy networks i.e. the gradual phasing out of mobile infrastructure that supports devices running on previous technologies, such as 2G and 3G;
- Setting out a robust spectrum roadmap allowing for long-term planning by licensees and regulatory certainty;
- Availing spectrum for private enterprise use, public use and a combination thereof to support economic development e.g. licensed shared access, reserving spectrum resources for enterprise use;
- Make spectrum resources available to support emerging industries such as green hydrogen, oil and gas and smart agricultural applications amongst others; and
- Formulate a more granular analysis of spectrum needs to determine appropriate spectrum management and assignment strategies.

To this end, the **Authority** is **inviting contributions** from **stakeholders** for consideration by the Authority in formulating its **spectrum assignment strategy** for **2025** to **2027** focusing on the following themes, but not limited thereto:

- Striking a balance in availing spectrum to ICT sector and industries in other economic sectors;
- Impact of outcomes of WRC-23 on spectrum use by incumbent services;
- Availability of spectrum now and in future;
- Creating an environment for testing and implementation of emerging technologies;
- Implementation of emerging technologies vs phasing out legacy technologies or migrating existing services to alternative spectrum bands;
- Re-planning of identified spectrum bands;
- Roadmap for releasing of available spectrum for assignment; and
- Creating socio-economic impact through spectrum regulation.

**Stakeholders may submit written contributions via email at [licensing@cran.na](mailto:licensing@cran.na) on or before Friday, 07 June 2024 at 17h00.**