

LHDA Champions Innovation at the Digital Innovators Summit 2025



The Lesotho Highlands Development Authority (LHDA) proudly stepped into the spotlight on 24 July 2025 as a sponsor and keynote participant at the launch of the Digital Innovators Summit (DIS) 2025, held under the theme "Empowering Truth in the Age of AI."

Representing the Chief Executive, Ntate Tente Tente, the keynote address was delivered by the LHDA Public Relations Manager, who highlighted LHDA's deep-rooted commitment to innovation, digital inclusion, and socio-economic transformation through infrastructure development.

In the address, we emphasized that innovation has always been at the heart of its work—from the early days of the Lesotho Highlands Water Project (LHWP), once one of the largest engineering feats globally, to the advanced implementation of Phase II today. Our participation in the Digital Innovators Summit marks a natural extension of this legacy, now expanding into digital technologies and AI.

LHDA's address showcased how Artificial Intelligence already has the potential to transform our operations:

Predictive analytics can transform our maintenance operations from preventative to predictive maintenance - informing smarter maintenance of infrastructure.

Smart monitoring tools can enhance water quality monitoring and crew safety during tunnelling and other project operations.

AI-driven data modelling can support more resilient infrastructure designs.

Remote sensing can enhance environmental management and climate resilience.

Automated AI Driven misinformation monitoring is already helping the Authority stay attuned to public sentiment and swiftly correct inaccuracies.

Beyond technology, we underscored our strong belief in empowering youth, women in engineering, and underrepresented voices in tech. The sponsorship of the summit is a commitment to creating pathways for future leaders who will continue to innovate and improve Lesotho's development landscape.

"As we build infrastructure for nations, we must also build pathways for those who will one day lead, innovate, and manage those same systems—better, smarter, and more inclusively." expressed the PR Manager.

The event concluded with a call to action for other organizations to not only support innovation in principle but to fund and embed it within their development agendas. The LHDA pledged continued support for initiatives like the Digital Innovators Summit that align with its mission of sustainable, inclusive progress.

