



PROJECT SUMMARY

Ref No.: MRIC/IBG3-CIEI/04	Title: Digital Footprints: Preserving Mauritian Heritage through Immersive Media
Local Institution: Hinode Smart Solutions Ltd	
Project Leader	
Mr Thamalassen Sungaralingum	Hinode Smart Solutions Ltd
TECHNICAL ABSTRACT	
<p>This project aims to digitally preserve and promote Mauritian cultural and natural heritage by producing a series of immersive 360° stereoscopic videos rendered in 8K, along with high-resolution photographs of key sites. Using advanced equipment including the Insta360 Pro and FUJIFILM GFX 100S II, we will capture detailed visuals and spatial audio to create a multilingual virtual experience accessible via web and mobile platforms. The 360° videos will be uploaded to YouTube for public access and will also be shared with governmental and cultural institutions for educational and promotional use. Interactive tours will be created using 3DVista, with post-production handled in Mistika VR and Adobe Creative Cloud. The final deliverables include 12 immersive videos, a web-based VR platform, outreach kits with headsets, and supporting digital content. The project supports the MRIC Creative Industry & e-Innovation theme by blending multimedia production with digital transformation of heritage, promoting accessibility, education, and long-term cultural innovation.</p>	
Key Words: 360 degrees Video, Digital Preservation, 8K Stereoscopic, Creative Technology, Immersive Media, Virtual Reality (VR)	