



PROJECT SUMMARY

Ref No.: MRIC/RIB-2301	Title: Transitioning Bel Ombre towards an Innovative Energy Model
Local Company: Rogers and Company Limited	
Collaborating Institutions: Boston Consulting Group, Ecoasis Energy Solutions Ltd	
Co-Project Leaders	
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TECHNICAL ABSTRACT	
<p>Mauritius has recently updated its Nationally Determined Contribution (NDC) and has committed to reduce its Greenhouse Gas (GHG) emissions by 40% by 2030. One of the main challenges the island faces is the reliance on imported fuels (energy sector) that represents 70% of our emissions. As at today, less than 15% of energy is produced through renewable sources, a proportion that needs to be increased to 60% by 2030. As part of Rogers' Master Plan to make Bel Ombre UNESCO Man and Biosphere a globally recognized eco-destination, we intend to implement an innovative energy model (solar, hydro, biofuel and smart grid). The synchronized production and transmission of this renewable energy mix is an innovation for Mauritius and could be replicated in other smart cities as well as in East Africa. Moreover, the implementation of this project will also generate revenues through the sale of emission avoidance carbon credits.</p>	
Key Words: Innovative energy model, NDC, GHG emission	