

# International Cargo Airport + UN Campus RAKAI District - Uganda - East Africa

## CORPORATE SOCIAL RESPONSIBILITY

### Renewable Energy Project - Solar Powered Airport

#### Project Investment Definition - Introductory Précis

Confidential Introduction to 120 Page - 34 Section Feasibility Study - April 2010

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# Concept

The concept is to provide an alternative to the proposed Ugandan Company, Kagera Eco Cities Limited, Lake Victoria Free Trade Zone (LVFTZ) and Sseesamirembe Airport & Eco City.

LVFTZ have publicly announced plans to develop an autonomous financial and industrial free trade zone over **200 square miles** in South East Uganda in RAKAI District at Sango Bay - in one of the most environmentally sensitive areas on the planet including the source of the white Nile - which includes a large section of Internationally Environmentally Protected RAMSAR (named after a town in Iran) - Sango Bay - Musambwa Island - Kagera Wetland System (SAMUKA). The RAMSAR CONVENTION on wetlands came into force for Uganda 4 July 1988.

## **Alternative Solar Airport Concept by SGT**

The entire 5 square mile campus will be sustainably designed and constructed.

The natural environment will be protected by managed high value eco-tourism with no IMPACT ON the designated RAMSAR.

The feasibility study is nearing completion but requires onward investment to take forward in detailed design and presentations.

We currently estimate the initial investment of developing the airport, sustainable protection and all support facilities is in the general range of \$65 million [TBC]. Time line to commissioning is 24 months maximum.

A PPP [ Public Private Partnership] is proposed to be presented to the Republic of Uganda to develop via Inward Investment a Solar Powered Cargo Airport in RAKAI District Buganda Southern Uganda.

This project represents a genuine opportunity for investors and institutions to significantly improve the lives of many Ugandans and protect the Natural Environment.

## PPP Project Stages

Stage 1 - Feasibility Study [Complete] and Presentations



Stage 2 - Detailed Definition and Business Plan



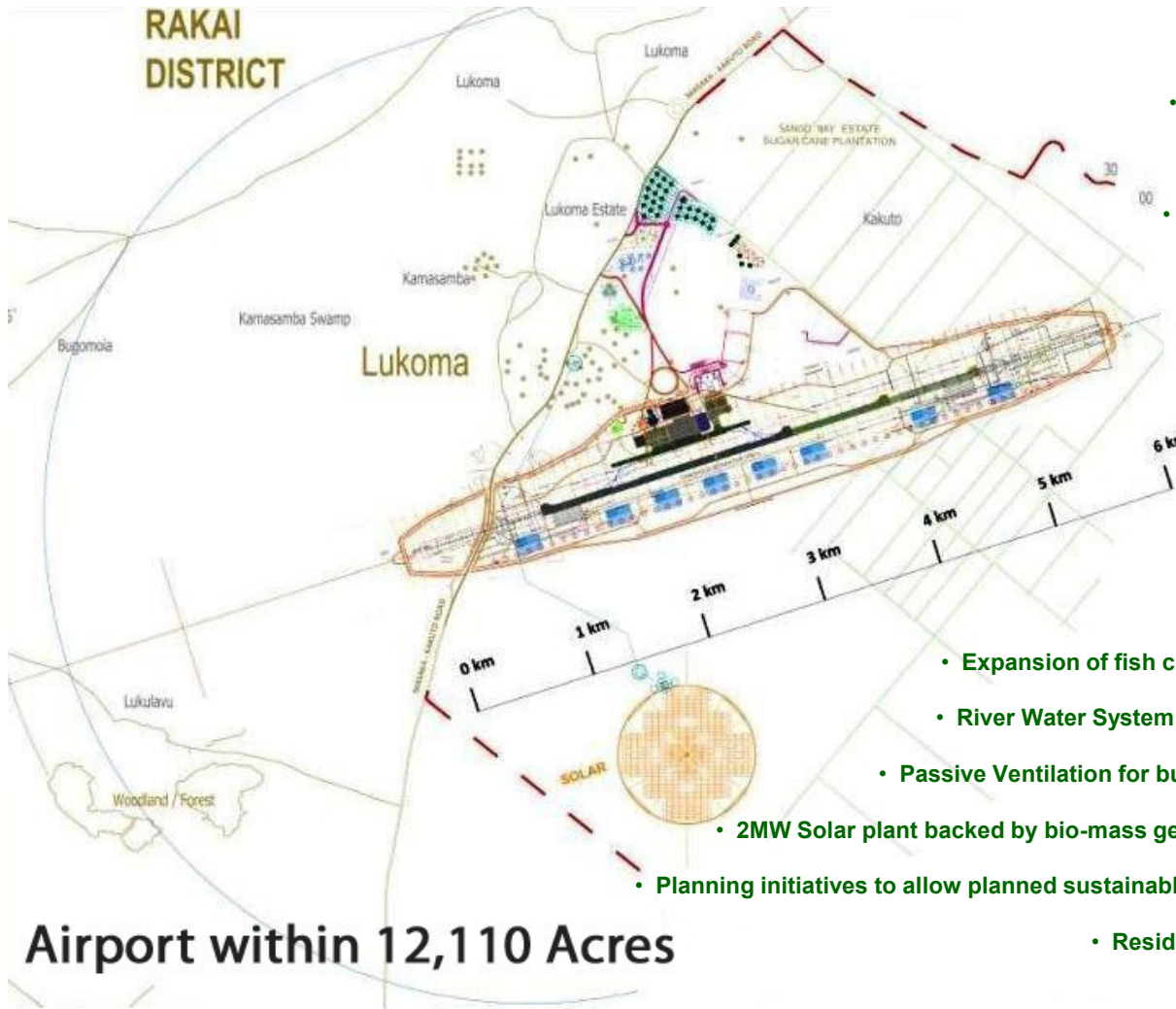
Stage 3 - PPP Proposal with Ugandan Government



Stage 4 - Investor Projects commissioned for Delivery and Operation



# Sustainable Project Investment Principles



**Airport within 12,110 Acres**

- Creation of Sustainable Educational Facility
- Protection of Natural Environment and Bio-Diversity
  - Application of Low Carbon Technologies
- Minimise Taxiways – use turnaround at runway ends
  - Application of Low Carbon Technology
- Roof structures employ local solar panel mini-grids
  - Use of Electrical and Bio-fuelled vehicles
- Dedicated airside and landside recycling centres
  - Large airside natural area set-aside
- Open clay blocks paths and roads in lieu of tarmac
  - Water Treatment Plant in Drainage ponds
- Expansion of fish cultivation potential by creation of new artificial ponds
- River Water System Kept Pure by advanced waste water treatment plants
- Passive Ventilation for buildings made by indigenous craftsman and materials
- 2MW Solar plant backed by bio-mass generator and hydro storage via reservoir in nearby hill
- Planning initiatives to allow planned sustainable settlements hindering shanty ad-hoc constructions
- Residential plots on 0.5 hectares allowing home cultivation
- Central landside farm area - all land employed

If this concept is of interest please contact the sponsors who will be pleased to provide further details - +44 7531 661 236 - James Dummer - FAX +44 20 7504 8252