



# NOBELIA OFFICE TOWER

Nobelias, Place de L'Unit, Kigali, Kigali, Rwanda



**Green Star SA -**  
Office Design v1 - Shell & Core  
Achieved in October 2015

The Nobelia Office Tower in Kigali, Rwanda will be a 19 storey tower of which 16 floors are dedicated to office. The building is located within close proximity to commercial, residential, recreational and retail zones and will be constructed on previously developed land to prevent urban sprawl. The project aims to be a leading green building within Rwanda and the wider Central East African region.

## Sustainable building features include:

- HVAC: Fresh air dehumidified and provided to Air Handling Units through hollow core slabs. Fresh air supply will exceed 12l/s/person.
  - Electrical: A 430 panel PV installation generating 198 804kWh/year, Usable Areas have 100% LED fittings
  - Wet Services: On-site water treatment system resulting in 90% total reduction of water discharge, treating grey and black water.
  - Façade: 100% designed for disassemble, mesh structure to allow plant growth and provide shading.
- Waste Management: On site composting facility improving on-site soil, plant growth and biodiversity

## PROJECT TEAM:

**OWNER**  
HABI LTD

**ARCHITECTS**  
CARLOS ARROYO ARCHITECTS

**ELECTRICAL ENGINEER**  
PGI ENGINEERING - OFICINA GIRONA

**FIRE ENGINEER**  
PGI ENGINEERING - OFICINA GIRONA

**MECHANICAL ENGINEER**  
PGI ENGINEERING - OFICINA GIRONA

**SOIL ANALYST**  
FORAKY AFRICA RWANDA LTD

**QUANTITY SURVEYORS**  
SENTIENT MANAGEMENT LTD

**STRUCTURAL ENGINEERS**  
BOMAIMPASA

**SUSTAINABLE DESIGN CONSULTANT**  
WSP GREEN BY DESIGN

**WET SERVICES**  
PGI ENGINEERING - OFICINA GIRONA

**GEOTECHNICAL CONSULTANT**  
TECSÖL - BOMAIMPASA

**PROJECT MANAGER**  
SENTIENT MANAGEMENT LTD

TOTAL POINTS:

**78**

POINTS ALLOCATION:



PROJECT FLOOR AREAS:

TOTAL GROSS FLOOR AREA (GFA):

**11 469m<sup>2</sup>**

TOTAL COMMERCIAL OFFICE AREA:

**9 284m<sup>2</sup>**