

NEEDS OF NEW SPACE-FARING NATIONS OR OF NON-SPACE-FARING NATIONS TO DEVELOP AND OBTAIN SPACE-RELATED KNOWLEDGE AND SKILLS

A CASE FOR ZIMBABWE



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ZINGSA MANDATE

- Promote the peaceful use of space;
- Support the creation of an environment conducive to industrial development in space technology;
- Foster research in Geospatial Science, Earth Observation, Space Science, Space Engineering, Communications, and Navigation;
- Advance scientific engineering and technological competencies and capabilities through human capital development outreach programmes and infrastructure development; and
- Foster international cooperation in space related activities.





ZINGSA DEPARTMENTS

GEOSPATIAL SCIENCE
AND EARTH
OBSERVATION

SPACE ENGINEERING

1. SPACE EXPLORATION INNOVATIONS
2. DELIVERY OF EARTH OBSERVATION PRODUCTS AND SERVICES

SPACE SCIENCE

SPACE OPERATION AND
LAUNCH SERVICES



WHAT HAS BEEN ACHIEVED: GEOSPATIAL SCIENCES

Revision of
agroecologi
cal zones

Wetlands
Masterplan

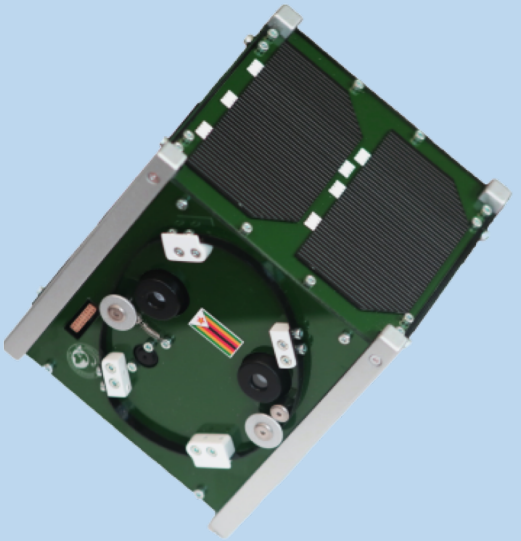
Wildlife
conservation

Mapping a1
and a2 farms
through
satellite
imagery

Crop yield
estimation

Renewable
Energy
resources
mapping

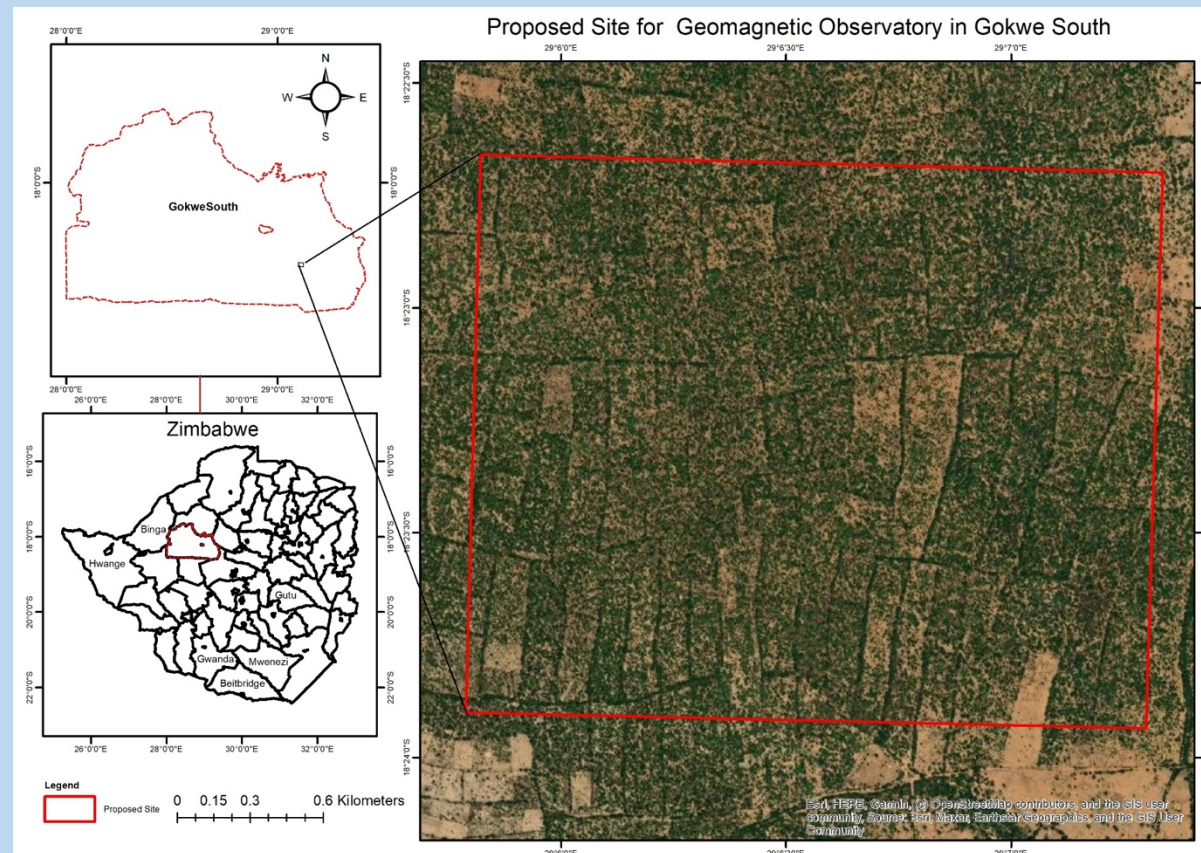
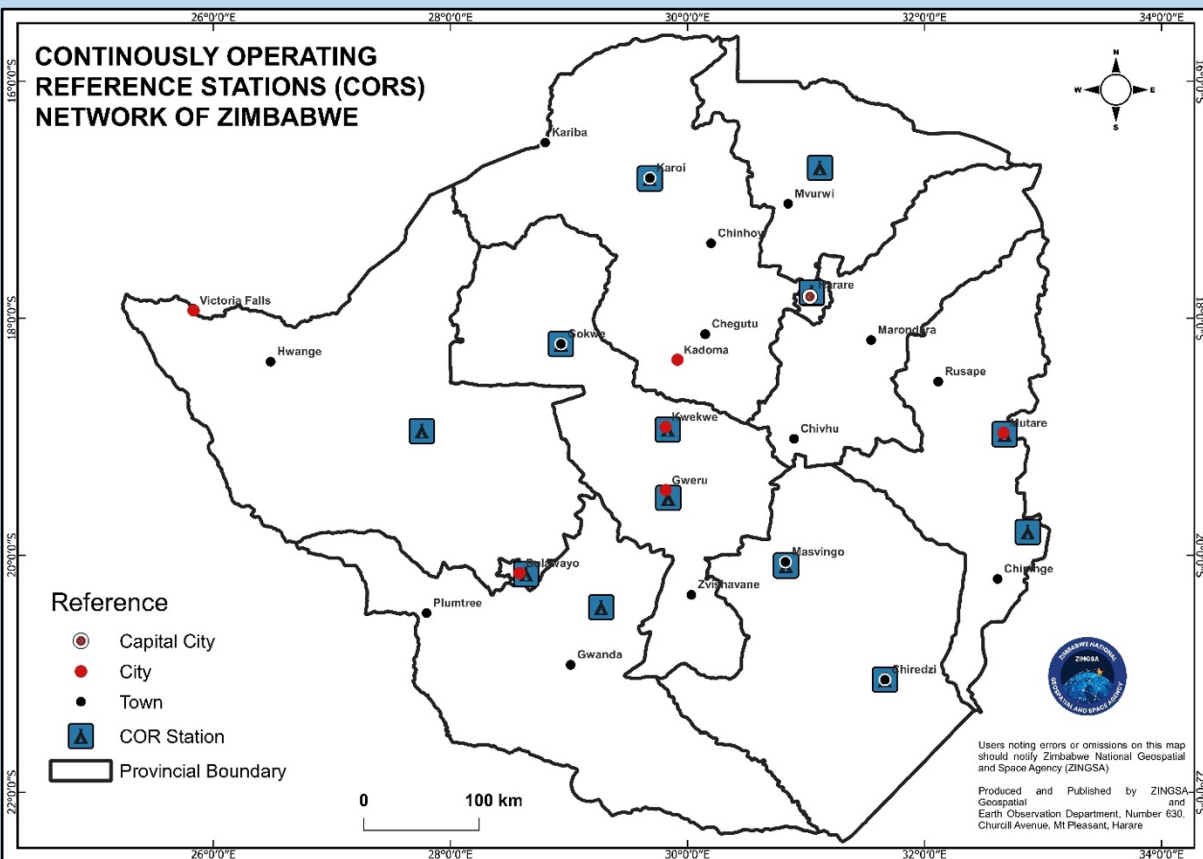
WHAT HAS BEEN ACHIEVED: ENGINEERING



Satellite Technology



WHAT HAS BEEN ACHIEVED: SPCACE SCINCE



INSTRUMENTS DENSIFICATION

INNOVATION THROUGH SPACE SCIENCE AND TECHNOLOGY



PARTNERSHIPS





Thank you

