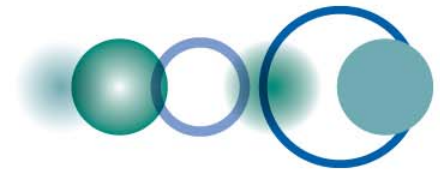# CB-09-02-d
CBERS/GEO Capacity Building Network

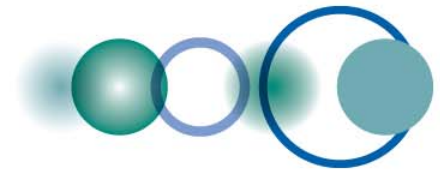**Task Lead (and POC): Hilcea Ferreira (INPE, Brazil)**

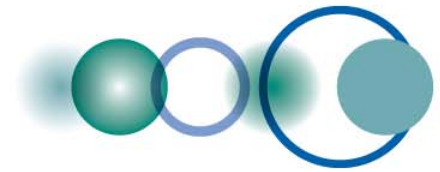# Background and Objectives

Task Definition:

Develop and implement a training program for the African end-users of the CBERS images.

- The programme fosters:

1. Use of freeware and open-source geo-processing software (e.g. SPRING and TerraView)

2. Development of remote-sensing applications using CBERS images. Initial focus will be on users in Lusophone African countries.
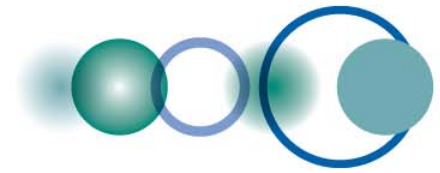
Outputs: planned

- Development of training material in Portuguese, English and French.

- Accreditation of institutions in Africa for training.

- Set up a global network of specialized training centers: virtual laboratory for education and training in use of Geoinformation and remote sensing by satellite.

- Implementing two levels of training: technical and postgraduate education:
  - Technical level: blended course, containing both face to face and online elements. After completing the in-classroom module, students should develop a work for the application of the knowledge acquired involving a practical situation in their countries of origin, interacting through the Internet.
  - Postgraduate education in Remote Sensing (INPE). The acceptance in the post-graduation program at INPE must follow the normal procedures for students' selection.

Milestones achieved to date

✓ Visit to Mozambique - CENACARTA (National Center for Remote Sensing and Cartography) has been identified as the Contact Institution in Mozambique (2008)

✓ Acceptance of one student, from Mozambique, for Masters Degree at the Remote Sensing Postgraduate Program (INPE). Fellowship will be provided by Brazilian Government. (2009)

✓ MOU: RCMRD X INPE

    ✓ The Regional Centre for Mapping of Resources for Development (RCMRD) and the Brazilian National Institute for Space Research (INPE) signed an MOU which aims at <u>encouraging the use of earth observation data in Africa and enhancing earth observation infrastructure and capacity building/training.</u> (2009)

Resources

- Brazilian government: cut in the 2009 budget
    →Pro-Africa program = zero!

- Lack of funds – for mobility and implementation

- Where to go?
    - Merge to other tasks: this task would fit into CB-09-05e Data Democracy task (Free access to data, open source software)
    - Extend training to English and French