Building strategic alliances... **SUMMER SCHOOL ON WASTE MANAGEMENT**
2006 Double Degree Project

2015 Competence Center

2016 Summer School

GERMANY
HOCHSCHULE MAGDEBURG – STENDAL
Water, Environment, Construction and Security Department

CUBA
HOLGUIN UNIVERSITY
Construction Department

Mobility
Teach
Practice
Research
Technology transfer
Friendship
OBJECTIVE is the competent provision by German specialists of knowledge in the area of waste management and particularly in the areas of biogas technology, biological treatment of waste and recycling of plastic with the opening of concrete possibilities in the Cuban and Latin American

For Cuban students with minimum B. Eng. Degree and workers in the field of waste management and biogas

2 summerschool programmes per year

for 20 participants

Knowledge about possibilities to study in Germany (Master)

Financed by DAAD in 2016/2017
SUMMER SCHOOL

First Summer School
- General principles of waste management

Second Summer School
- Introduction biological waste
- Composting
- Recovery of energy from Bio-waste
- Separation of contaminants

Third Summer School
- Protection of work when handling
- Biological waste
- Residual material flow in the composting and biogas plants
- Recovery and recovery options
- Treatment of waste material from the waste stream
- Study of the options of laboratory scale treatment
- Opportunities for optimization of plants; Potential for improvement
- Possibilities for recovery of biogas energy

Fourth Summer School

2016
- Introduction to waste Management
- Environmental impact of waste
- Qualitative and quantitative determination of residues
- Waste Collection Systems
- Potential resources in waste
- Waste recycling strategies
- Energy use of biogas
- Treatment of landfill leachate

2017
- Introduction biological waste
- Composting
- Recovery of energy from Bio-waste
- Separation of contaminants
SUMMER SCHOOL program has also included:

- Analysis of the legal bases in Cuba and Latin America for waste management
- Excursion to facilities for the taking of samples and analysis
- Sampling and laboratory analysis
- German night
- Opportunities for study in Germany