The voyage towards sustainable campuses in Mozambique: finding partners

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Mozambique – Higher Education

Factors that shape sustainability
- High temperatures
- Intensive rains
- Erodible soils
- High Evaporation
- Intensive light
- Availability of skills, material equipment

Objectives
- Use intensity
- Culture & attitude, theft

Dimensions of sustainability
- Design
- Management & use
- Contents and learning
Management practices: general

<table>
<thead>
<tr>
<th>Feature</th>
<th>Observation</th>
</tr>
</thead>
<tbody>
<tr>
<td>Minimal of need of transport</td>
<td>ISPM 14 km from town</td>
</tr>
<tr>
<td>Solar energy</td>
<td>Water heating</td>
</tr>
<tr>
<td>Minimization waste water</td>
<td>Recycling</td>
</tr>
<tr>
<td>Paper recycling</td>
<td>FAPACAR closed</td>
</tr>
<tr>
<td>Fair trade products</td>
<td>Not thought about</td>
</tr>
<tr>
<td>Use of disposables in the bar</td>
<td>Not common (bottles vs. cans)</td>
</tr>
<tr>
<td>Management of experimental farm</td>
<td>Conventional</td>
</tr>
</tbody>
</table>

Example: Masterplan UEM

Teaching contents

<table>
<thead>
<tr>
<th>Feature</th>
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</tr>
</thead>
<tbody>
<tr>
<td>Environment in the curriculum</td>
<td>Issues on global warming, waste, etc.</td>
</tr>
<tr>
<td>Students involved in awareness efforts in surrounding schools (ISPM)</td>
<td>Environment, HIV/AIDS</td>
</tr>
</tbody>
</table>

Partnerships to achieve better campuses

- Make available technologies (e.g., solar boilers, alternative building materials, etc.)
- Create adequate conditions for recycling (e.g., organic waste, paper and tins)
- Create exchange programmes for university leaderships
- Support awareness among learners (all levels) and lecturers

Public and private partnerships around the ISPs

- ISPS have specific development mission
- ISPS need to hook up with private sector for internships
- Fundraising, outreach and business incubation
- Technological innovation, e.g., with regard to energy and waste and water management