Academic Programmes for Renewable Energy in Africa
Identified in the scope of the RECP Workshop on Higher Education for the Renewable Energy Sector in Africa

<table>
<thead>
<tr>
<th>Country</th>
<th>Institution</th>
<th>Programme</th>
<th>Focus</th>
<th>Status</th>
<th>Students/y.</th>
<th>Contact</th>
</tr>
</thead>
</table>
| Burkina Faso| 2iE Ouagadugu                | Engineering Master in Electricity and Energy | • Conventional Energy  
• RE  
• Management                         | 2007                               | 40-50        | www.2ie-edu.org                        |
| Ghana       | The Energy Center KNUST Renewable Energy Technologies | • PV  
• Thermal  
• Bioenergy  
• Wind | 2011                               | 24-45                              | [email protected]@energycenter.knust.edu.gh  
ahmadaddo@gmail.com                      |
| Kenya       | Strathmore University SERC  | MSc RE & EE                        | • Entrepreneurship  
• Technical  
• Economic  
• Policy | starting | 15          | [email protected]@strathmore.edu                        |
| Liberia     | Stella Maris Polytechnic     | Certificate in Sustainable RE      | • RE                              | future prospect | NIL     | [email protected]@yahoo.com                        |
| Namibia     | Polytechnic of Namibia       | SASEI                              | • EE  
• RE                                    | under dev. | >10       | www.polytechnic.edu.na.nei@polytechnic.edu.na  
www.soltrain.com.za                      |
| Namibia     | Namibia Energy Institute     | Soltrain Solar thermal short courses for professionals | 2009-2016 | 100       | [email protected]@yahoo.com  
www.soltrain.com.za                      |
| Niger       | Abdou Moumouni University   | Climate Change and Energy climate change | 2014                               | 10       | [email protected]@yahoo.com                        |
| Niger       | Abdou Moumouni University   | Renewable Energy                   | • PV  
• Wind  
• Hydro  
• Bioenergy | to start in Sept 2014 | 10-20     | [email protected]@yahoo.com                        |
<table>
<thead>
<tr>
<th>Country</th>
<th>University/Institute</th>
<th>Degree/Program</th>
<th>Courses</th>
<th>Start Date</th>
<th>Duration</th>
<th>Faculty Contact</th>
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<tbody>
<tr>
<td>Nigeria</td>
<td>Imo State University</td>
<td>MSc RE &amp; EE</td>
<td>RE planning, PV, LED</td>
<td></td>
<td>NULL</td>
<td><a href="mailto:asldikvin@yahoo.com">asldikvin@yahoo.com</a></td>
</tr>
<tr>
<td>Nigeria</td>
<td>Kwara State University</td>
<td>MSc</td>
<td>Hydro, Solar, Biomass, Geothermal, Energy, Economics</td>
<td>2012</td>
<td>300 level</td>
<td><a href="http://www.kwasu.edu.ng">www.kwasu.edu.ng</a></td>
</tr>
<tr>
<td>Rwanda</td>
<td>University of Rwanda</td>
<td>MSc in Renewable Energy</td>
<td>RE, PV, LED</td>
<td>starting Sep 2015</td>
<td>20-30</td>
<td><a href="mailto:emazimpaka@yahoo.fr">emazimpaka@yahoo.fr</a></td>
</tr>
<tr>
<td>Senegal</td>
<td>UN African Institute for Economic Development &amp; Planning (IDEP)</td>
<td>MSc in Energy Policy</td>
<td>Policy, Development planning, Economics</td>
<td>planning</td>
<td>25</td>
<td><a href="mailto:h.robinson@unidep.org">h.robinson@unidep.org</a></td>
</tr>
<tr>
<td>Senegal</td>
<td>UN African Institute for Economic Development &amp; Planning (IDEP)</td>
<td>Energy Policy for Development (short course, postgrad level)</td>
<td>policy, development, economics</td>
<td>expected late 2014</td>
<td>25</td>
<td><a href="mailto:h.robinson@unidep.org">h.robinson@unidep.org</a></td>
</tr>
<tr>
<td>Sierra Leone</td>
<td>Gout. Technology Institute</td>
<td>Renewable Energy Studies</td>
<td>PV, Thermal, Solar Food Dryer, Bio digesters, building design</td>
<td>2006 ongoing</td>
<td>10-30</td>
<td><a href="mailto:renewableenergycentersl@gmail.com">renewableenergycentersl@gmail.com</a></td>
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</tbody>
</table>
# Academic Programmes for Renewable Energy in Africa

*Identified in the scope of the [RECP Workshop on Higher Education for the Renewable Energy Sector in Africa](https://www.recp.org)*

<table>
<thead>
<tr>
<th>Country</th>
<th>Institution</th>
<th>Course/Programme</th>
<th>Focus Areas</th>
<th>Start Year</th>
<th>Duration</th>
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<tbody>
<tr>
<td>South Africa</td>
<td>Energy Research Centre (UCT)</td>
<td>MSc (Eng.) Energy Engineering</td>
<td>• RE</td>
<td>early 1990s</td>
<td>&lt;20</td>
<td><a href="http://www.uct.erc.ac.za">www.uct.erc.ac.za</a></td>
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<tr>
<td></td>
<td></td>
<td></td>
<td>• EE</td>
<td></td>
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<tr>
<td></td>
<td></td>
<td></td>
<td>• Systems Analysis &amp; Modelling</td>
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<tr>
<td>South Africa</td>
<td>Energy Research Centre (UCT)</td>
<td>MPhil Energy &amp; Development</td>
<td>• Energy &amp; Climate Change</td>
<td>early 1990s</td>
<td>&lt;20</td>
<td><a href="http://www.uct.erc.ac.za">www.uct.erc.ac.za</a></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>• Energy &amp; Poverty</td>
<td></td>
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<tr>
<td></td>
<td></td>
<td></td>
<td>• Governance</td>
<td></td>
<td></td>
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<tr>
<td>Tanzania</td>
<td>University of Dar es Salaam (in cooperation with Makarere University)</td>
<td>MSc in Renewable Energy</td>
<td>• Solar</td>
<td>2007/08</td>
<td>ongoing</td>
<td>10-20 Prof. Cuthbert Z.M. <a href="http://www.coet.udsm.ac.tz">www.coet.udsm.ac.tz</a></td>
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<tr>
<td></td>
<td></td>
<td></td>
<td>• Biomass</td>
<td></td>
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<td></td>
<td></td>
<td></td>
<td>• Hydro</td>
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<td></td>
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<td>• EE</td>
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<tr>
<td></td>
<td></td>
<td></td>
<td>• Energy in Buildings</td>
<td></td>
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<tr>
<td>Togo</td>
<td>Université de Lome</td>
<td>Materiaux - Energie</td>
<td>• RE &amp; EE</td>
<td>2013</td>
<td>15</td>
<td><a href="mailto:silnap@yahoo.fr">silnap@yahoo.fr</a></td>
</tr>
<tr>
<td>Uganda</td>
<td>Ndejje University</td>
<td>MSc in Renewable Energy</td>
<td>• RE</td>
<td>planning</td>
<td>20-30</td>
<td><a href="mailto:cwasswasebuwufu@gmail.com">cwasswasebuwufu@gmail.com</a> +256773148692</td>
</tr>
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<tr>
<td>Uganda</td>
<td>Makarere University CEDAT (+ University of Dar es Salaam)</td>
<td>MSc RE &amp; EE</td>
<td>• Biomass</td>
<td>2006</td>
<td>ongoing</td>
<td>15-20 Wilson Musinguzi</td>
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<tr>
<td></td>
<td></td>
<td></td>
<td>• Hydro</td>
<td></td>
<td></td>
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<tr>
<td></td>
<td></td>
<td></td>
<td>• Solar</td>
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<tr>
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<td></td>
<td></td>
<td>• EE</td>
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<tr>
<td>Uganda</td>
<td>School of Women and Gender Studies (SWGS-Makerere)</td>
<td>Gender and local economic development:</td>
<td>• RE and EE for Sustainable Development</td>
<td>BA: 2008</td>
<td>MA 1992</td>
<td>56 <a href="http://wgs.mak.ac.ug/">http://wgs.mak.ac.ug/</a> <a href="mailto:genderandled2@gmail.com">genderandled2@gmail.com</a></td>
</tr>
<tr>
<td></td>
<td></td>
<td>• BA</td>
<td></td>
<td>Diploma: 2010</td>
<td></td>
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<tr>
<td></td>
<td></td>
<td>• MA</td>
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<tr>
<td></td>
<td></td>
<td>• Postgrad diploma</td>
<td></td>
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<tr>
<td>Zimbabwe</td>
<td>University of Zimbabwe</td>
<td>MSc Renewable Energy</td>
<td>• Hydro</td>
<td>1995</td>
<td>ongoing</td>
<td>10-20 <a href="mailto:cshoniwa@eng.uz.ac.zw">cshoniwa@eng.uz.ac.zw</a></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>• Solar Thermal, PV</td>
<td></td>
<td></td>
<td><a href="mailto:shocle@yahoo.com">shocle@yahoo.com</a></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>• Biomass</td>
<td></td>
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<tr>
<td></td>
<td></td>
<td></td>
<td>• Economic</td>
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<tr>
<th>Country</th>
<th>Institution</th>
<th>Programme Details</th>
<th>Start Year</th>
<th>Duration</th>
<th>Contact Email</th>
</tr>
</thead>
<tbody>
<tr>
<td>Zimbabwe</td>
<td>University of Zimbabwe</td>
<td>BSc Honors in Renewable Energy • Hydro • Solar PV • Biomass • Economic • Solar Thermal</td>
<td>2004</td>
<td>ongoing</td>
<td><a href="mailto:cshoniwa@eng.uz.ac.zw">cshoniwa@eng.uz.ac.zw</a> <a href="mailto:shocle@yahoo.com">shocle@yahoo.com</a></td>
</tr>
</tbody>
</table>