Phase 1:
The Enriching Engineering Education Programme – supported by the Anglo American Group Foundation – was established by the Royal Academy of Engineering in 2013 to help address the engineering skills shortage in sub-Saharan Africa and to showcase engineering’s role in driving economic development in the region.

By forming and strengthening relationships between academia and industry, the programme aims to ensure that the higher education system produces engineers with the skills and knowledge required to meet the needs of industry and to tackle local challenges.

To maximise the impact of this collaboration, the programme is implemented through a ‘hub and spoke’ model. In Phase 1 of the programme, which ran between 2013 and 2015, the two ‘Hub’ universities were the University of Zimbabwe, and the University of Dar es Salaam in Tanzania. The Hubs participate in staff exchanges with local industry partners, and in turn, share their experiences with a larger number of ‘Spoke’ universities. In phase 1, there were nine ‘Spoke’ universities across a further five countries in sub-Saharan Africa.

Phase 2:

• The Academy is now inviting bids to be involved in Phase 2; this is a closed process only for those institutions who have been involved in Phase 1.

• The successful institutions will be notified in March 2016 in order for the programme to run from July 2016 through to July 2018.

• Spoke institutions who have not previously received funding are invited to bid to receive two years of funding totalling up to GBP £140,000. This will be expended in four equal payments.

• The two hub institutions from Phase 1 are encouraged to consider industry and government funding to continue this programme, funding which we will match pound for pound up to the value of GBP £70,000.

The deadline for applications is 9am (GMT) on Monday 18 January 2016

If you have any questions please don’t hesitate to get in touch using the details below

Meredith Ettridge
Manager, International Development
Royal Academy of Engineering
Meredith.ettridge@raeng.org.uk
Eligible institutions

Botswana
- University of Botswana

Kenya
- Dedan Kimathi University of Technology
- Moi University
- Technical University of Kenya

Mozambique
- Universidade Eduardo Mondlane

Namibia
- Namibia University of Technology

Tanzania
- University of Dar es Salaam

Uganda
- Makerere University

Zimbabwe
- Chinhoyi University of Zimbabwe
- Harare Institute of Technology
- National University of Science and Technology
- University of Zimbabwe

Expectations
- The successful universities will forge partnerships with local industry and other universities within their country and/or region.
- Teaching staff (professors/technicians etc.) will undertake secondments – ideally over the summer teaching break – to local industry settings, and their cost of living and any replacement staff costs will be covered by the programme grant.
- Local industrialists will undertake secondments into the university setting to advise on curricular, mentor students, teach classes etc.
- Workshops will be hosted on a rotational basis throughout the ‘spoke’ network of universities discussing the lessons learned and potential actions to be taken.
The cost of living and any replacement staff costs will be covered by the programme grant, in addition to hosting and travel to dissemination workshops.

**Monitoring**

Awardees will be required to report on progress to the Academy every six months, to detail completed activities and future plans. The payment schedule for the grant will be contingent on these reports being received.

Awardees will also provide a follow-up report 12 months after the completion of the programme, to demonstrate the longer term impact of the secondments.

**Payment and reporting schedule**

<table>
<thead>
<tr>
<th>Date</th>
<th>Report due from Hubs</th>
<th>Payment due from RAEng</th>
</tr>
</thead>
<tbody>
<tr>
<td>July 2016</td>
<td>Yes</td>
<td>Up to £35,000</td>
</tr>
<tr>
<td>January 2017</td>
<td>Yes</td>
<td>Up to £35,000</td>
</tr>
<tr>
<td>July 2017</td>
<td>Yes</td>
<td>Up to £35,000</td>
</tr>
<tr>
<td>January 2018</td>
<td>Yes</td>
<td>Up to £35,000</td>
</tr>
</tbody>
</table>

**How to apply**

Applications can only be submitted by a suitably empowered representative from an eligible university. The university will act on behalf of and in consultation with industry partners. All correspondence from the Academy will be sent to the lead university.

All applications must be submitted via the Academy’s online grants management system: [https://grants.raeng.org.uk](https://grants.raeng.org.uk). The lead applicants must first register an account through the Academy website. This will ask for some basic log-in details to create a profile and direct you to the relevant application form titled “Enriching Engineering Education.”

The application form has six sections. The primary purpose of this application form is to identify whether the applicants are suitable to be supported according to the aims of the scheme. You will have the option to download a pdf of your application after submission, which may be useful for future reference and for passing on to your colleagues.

Please note that lead applicants will need to obtain a letter of support from their respective pro Vice-Chancellors or Deans of their Engineering faculty.

If you have any questions concerning the application or the online system please contact Meredith Ettridge at the address above.
Completing the application form

After logging in to the system via the Academy website and selecting the Enriching Engineering Education Programme (EEEP) you should be presented with the “Instructions” screen. Here you will see some general instructions on how to use the system as well as the below list of the six sections of the application form:

1. Contact details
2. Expression of interest
3. Partners
4. Risks
5. Budget
6. Letters of support and declarations

At any stage in the application process you can save your work and return to it later. You can answer the questions in any order and you may freely skip some sections to return to later if you so wish. It is therefore advised to view the application early on for an indication of what is required, and you should also ensure that you have all the necessary documentation at hand when you start completing the application.

Assessment of applications

Applicants will be evaluated by a specially-convened panel of Academy Fellows with expertise spanning the breadth of engineering. The panel will rank the applications, and carry out the final selection of successful proposals.

All applications will be assessed against the following criteria:

- Goals and objectives: quality, feasibility and novelty of the goals and objectives proposed during the programme.
- Wider benefit and impacts: The level of benefit with respect to: the applicants; the organisations directly involved; the wider engineering community (including universities and industries).
- Partnerships in place: confidence that partnerships with national and regional universities are in place, as well as industry partners to participate in the secondments.
- Financial management: whether an appropriate and reasonable budget is in place
- Institutional support: level of commitment and support of the participating institutions.
- Ability to secure matched funding (for phase 1 hub institutions only)
If you have any questions please don’t hesitate to get in touch using the details below:

Meredith Ettridge
Manager, International Development
Royal Academy of Engineering
Meredith.ettridge@raeng.org.uk
+44 (0) 20 7766 0612