

### Question for Group 3 Discussion

#### 1. How can quality assurance in Agricultural Engineering programmes be improved to facilitate accreditation?

- Industry university linkage should be encouraged to improve the quality of teaching and thereby improve accreditation.
- Involve a professional body at the curriculum development phase of the agricultural engineering program.
- Improve technical report writing skills of students since the industry is complaining about the lack of adequate skills and knowledge in technical report writing.
- Ensure the production of standard quality graduates from agricultural engineering programs to improve facilitation of accreditations. Maintain the same quality graduate outcomes over a given period, which facilitates accreditation.
- Maintain fixed minimum entry requirements to an agricultural engineering program.
- Maintain an acceptable staff-student ratio.
- External examiners should be well qualified and should not serve for more than 3 years. External examination of assessed materials must be in place.
- The link training to the industry for practical training and that ensures quality and thereby facilitate accreditation. There have been issues where the budget for practical training have been reported as a limiting factor.
- Upgrade teaching and learning facilities parallel with the growth in the modernisation of agricultural technologies.
- Student and staff exchange between universities within the regions in Africa and the rest of world should be encouraged and implemented.
- A large number of students in a classroom of agricultural engineering curriculum leads to compromising the quality of teaching and learning and thereby brings challenges with facilitation of accreditation.
- Qualified technicians should be in charge of student practicals
- Promote gender equality in agricultural engineering curriculum to give all genders a voice in the profession.
- There should be a policy for credit transfer between institutions across Africa.
- Full external examiner reports should be requested immediately after examination of assessment materials and that facilitates processing accreditation.
- The accreditation body to evaluate the contents of the curriculum and subjects on regular bases, example 5-year interval.
- Staff should engage in research activities to keep the teaching and to learn up to date and thereby maintain quality that can facilitate the accreditation.
- There should be industry advisory board to agricultural engineering programs to ensure quality.