



UNET Workshop 6

University Network on PhD programs in Energy Technology (UNET Erasmus+ project)

Host: Makerere University (MAK), Department of Physics, Kampala, Uganda
 Venue: MAK campus, Kampala, Uganda (Senate Building)
 Time: Monday 27 November - 1 December, 2023
 Contact: Karidewa Nyeinga (karidewa@yahoo.com)

The Workshop 6 builds on Workshop 5, and the aim is to complete the Course Catalogue, update the financial status and make detailed planning for the remaining implementation part of UNET.

Agenda

Time	Chair	
Monday 27 November Status reports and Financial Status		
09:30	MAK	Welcome and plans for the week. Introduction of the participants
Morning	MAK	Status on WP3 Equipment. Status on deliverables and activities Reports from all.
	MU	Status on WP6 Dissemination. Status on deliverables and activities
	UEM	Status on WP4 Implementation. Status on deliverables and activities
	USGM	Status on WP5 Quality Assurance. Status on deliverables and activities
	NTNU	Financial status and plans. All reporting on budget – expenditures – transfers and plans (Travel – Stay – Hours – Equipment)
12:30-13:30	<i>Lunch</i>	
Afternoon	NTNU	Completion of Financial status and plans. All confirming Supporting Documents
	T-HAP	Presentation of the scope of the engagement of T-HAP. T-HAP will provide support to UNET as External Evaluator.
	AAU	Development of teaching and learning material



Tuesday 28 November Course Catalogue		
Morning 9:00 – 12:30	AAU Course coordinators	Development of teaching and learning material Working Groups
	USGM	Quality assurance status and remaining work
	NTNU	Work on aggregating Financial Status and Supporting Documents
12:30-13:30	<i>Lunch</i>	
Afternoon	AAU Course coordinators	Development of teaching and learning material Working Groups
	NTNU MU	WP6 Web pages updating
	NTNU	Report form aggregated Financial Reporting and further plans

Wednesday 29 November Course Catalogue		
Morning 9:00 – 12:30	AAU Course coordinators	Development of teaching and learning material Working Groups
	NTNU USGM	MoU on future access to results
12:30-13:30	<i>Lunch</i>	
Afternoon	MAK	Visit to tourists sites within Kampala

Thursday 30 November UNET GA and ENET		
Morning 9:00 – 12:30	AAU Course coordinators	Development of teaching and learning material Working Groups. Completion of Course Catalogue
12:30-13:30	<i>Lunch</i>	
Afternoon	NTNU	Annual General Assembly Meeting – comments on status, progress and plans
	NTNU	ENET status on activities for 2023

Friday 1 December ENET		
Morning 9:30 –	NTNU	ENET: Progress on PhD candidates in ENET. Plans for visit to NTNU in 2024
	<i>Lunch</i>	
Afternoon		<i>Any other issues. Concluding remarks</i>

Attendance

The attendants for the Workshop 6 are listed in the table

NTNU	Norwegian University of Science and Technology, Norway
USGM	Università degli Studi Guglielmo Marconi, Italy
UDSM	University of Dar es Salaam, Tanzania
MAK	Makerere University, Uganda
UEM	University of Eudardo Mondlane, Mozambique
AAU	Addis Ababa University, Ethiopia
UniSAVE	Universidade Save, Mozambique

Name	Partner	Country
Leonzio Donato	USGM	Italy
Trobjorn Nielsen	NTNU	Norway
OJ Nydal	NTNU	Norway
Qiaoqiao Wang	NTNU	Norway
Catarina Tivane Nhamposse	UNISave	Mozambique
Tomas Nhabetse	UNISave	Mozambique
Boaventura Cuamba	UEM	Mozambique
Antonio Leao	UEM	Mozambique
Rogério José Uthui	UEM	Mozambique
Cuthbert Z. M. Kimambo	UDSM	Tanzania
Joseph Kihedu	UDSM	Tanzania
Abraham Kimangano TEMU	UDSM	Tanzania
Karidewa Nyeinga	MAK	Uganda
Denis Okello	MAK	Uganda
Jimmy Chaciga	MAK	Uganda
Masera Geoffrey	MAK	Uganda
Nelson Ndugu	MAK	Uganda
Abdulkadir Aman Hassen	AAU	Ethiopia
Yilma Tadesse Birhane	AAU	Ethiopia
Tilahun Nigussie Gemechu	AAU	Ethiopia
Wondwossen Bogale Eremed	AAU	Ethiopia
Mesele Hayelom	MU	Ethiopia
Petros Gebray	MU	Ethiopia
Gebremichael Teame	MU	Ethiopia
Akatew Haile	MU	Ethiopia
Asfaw Haileselassie	MU	Ethiopia
Samson Rwabwire;	BU	Uganda

Summary of the Workshop

Welcome

The Workshop was opened by welcoming remarks from Denis Okello, Head of Physics Department. We conducted then a round-the-table introduction of all participants.



Short status on the Work Packages (WPs) were given by the WP Leads.

Short status on WP3 Equipment

Short status at UDSM

UDSM as public institution was required to migrate from institutional financial VOTEBOOK system to central governmental MUSE financial system in July 2023 meanwhile government procurement system (TANEPS) was deactivated. The new financial system required matching of project budget with government budget codes while the new procurement (NEST <https://nest.go.tz/>) with version 1.0.0 became functional in September 2023 and further available for use by officials from government institutions in late October 2023.

It can be noted that extension for UNET was granted in June by the time that no new procurement process can be established as it was end of fiscal year in Tanzania. Consequently in July, still we could not process the procurement owing to new financial system that require re-budgeting and critically unavailable procurement system. As of September 2023, UDSM is processing procurement of equipment amounting to about 50,922 Euros. Supporting scanned documents have been uploaded to TEAMS.

UDSM faced delayed procurement processes due to the system not being available. The UDSM management (particularly DVC Research) then decided to move the UNET equipment procurement process and budgeted funds to the office of UDSM Bursar (Chief Accountant) from college/faculty level. This allows us to proceed with the advertisement of the tender for procurement of equipment and processing of Local Purchase Order (LPO) in form of purchase contracts. However, the change in the financial system at UDSM did cause delays, and delivery and installation of equipment is expected in January and February 2024. We therefore expect to conclude payment through government system latest by beginning of March 2024.

Due to the unavailability of the procurement system during as a result of the changes in the financial systems at UDSM, we therefore request for addition three months to conclude procurement issues by March 2024.

Short status at MAK

At Makerere, it is expected that the procurement of the remaining equipment will be completed in December 2023. The current status is:

- Equipment imported from abroad is being shipped; and is expected to be in the country in the last week of November. Once, the equipment arrive at the customs the university applies for tax waiver; this takes another one week.
- Local procurement of equipment is going on; delivery of equipment is expected in 2nd week of December.

Short status at AAU

AAU has UNET budget for equipment allocated to procure workstation computers and Ansys-Fluent Software License. The progress to date and future plans are presented as follows:

- Two workstation computers are procured and received. Relevant documentation describing the procurement procedures, requests for purchase and invoices are uploaded to TEAMS for further reference.



- Two desktop monitors to be used with the workstation computers are under procurement. The Bid Procedure is already completed, the winner is identified and we expect to receive the monitors before mid of December 2023.
- The software License purchase process is started, and Fluid Codes which is the Elite channel partner of ANSYS INC., and with exclusive rights to distribute and provide support for ANSYS Engineering simulation solutions in the Middle East, Europe, and Africa has provided us with a quote of the price (Quote No. ADABA011123N). The payment is undergoing and we expect to finalize this process before the end of the year.

In general, we expect the remaining procurement (desktop monitor and software license) will be completed before the end of the year.

Short status at UEM

The Eduardo Mondlane University has a budget of 68,000 EUR for equipment. In order to use this amount, it is necessary to run tenders, according to procurement rules of the country. For low-cost equipment, there is a need to run quotation tenders at the faculty level. This means that the faculty has to request three quotations for each equipment item not exceeding a certain amount of money. For equipment above a certain amount of money, a general tender has to be implemented by the Central Procurement Unit of the University.

In this case, it was possible to carry out quotation tenders for a total amount of 15,141.30 EUR (22% of the total amount). The equipment has been paid for and supplied.

For the remaining 78% (52,858,70 EUR) a tender was launched by the Central Procurement Unit. A company was selected to supply the equipment and this will happen during the month of December.

Short status at MU

After MU started functioning and resuming the UNET project activities, we requested the university management to allow procurement of the equipment on fast track for the UNET project.

Accordingly, they made an immediate local bidding and ended at a very inflated cost. After the bidding result failed the management gave directions to establish a team composed of researcher, finance and procurement staff and made the purchase from Addis Ababa.

Is it possible to cover the travel and staying cost from the project. in addition, due to the war and post war situations it would be very helpful if Mekelle University can get an extra time for the procurement process.

Short status on WP6 Dissemination

MU is back in active participation and will continue with the responsibility for the actions on dissemination: updating of the web pages with Workshop6 and with the plans for the piloting phase.

Status on WP4 Implementation

UEM has worked on establishing a matrix (people and time) for the piloting phase in 2024. 5 courses have been selected for evaluation by a group of PhDs. The PhDs will also visit the Training Nodes, so the matrix becomes challenging to organize.

The piloting plan was presented. UEM consulted individually with the persons responsible for hosting the visitors during the Workshop and concluded with a plan which was posted on TEAMS.

Status on WP5 Quality Assurance



USGM is preparing the annual Quality Plan, and will also plan for evaluation of the Pilot Phase (questionnaires/interviews).

Financial status and plans

NTNU presented the financial status according to the information uploaded on TEAMS. The overall tendencies are

- The equipment budget is still not utilized, but most partners confirm that the procurement process will be completed in time
- The staff and Stay budget will be utilized
- The Travel budget are such that an additional Workshop can be accommodated in 2024. A meeting at NTNU in Norway could be useful.

UDSM presented the organization of files (location and name convention of supporting documents). NTNU will follow up on verification that all documents are in order, as uploaded to TEAMS.

It is also noted that when reports are uploaded, some feedback and review from NTNU would be useful.

Presentation of the scope of the engagement of T-HAP

T-HAP is the appointed external evaluator for UNET, and will give a critical eye on how we conduct the UNET work, with activities, meetings and events. The aim is to provide support for improvements. T-HAP gave a presentation outlining some particular points of actions:

- Presentation from T-Hap (can be found on Teams)
- Two online meetings with management team (next one will be end of December)
- Online interview with WP leaders in May, 2024 . Qiaoqiao can assist in coordinating the interviews.
- Support on final report. (60 days for final report)

Joint PhD Course Catalogue

A strong motivation for Workshop 6 was to get more time to complete the course material for the PhD Course Catalogue. The participants worked in groups during the period of the Workshop to complete the tasks.

The PhD Course Catalogue will not be established as accredited courses across the group of partner universities. The courses will thus not give PHD credits from attendance. The course provider will issue Certificates of attendance. It is then up to the PhD programs at each partner university to acknowledge the courses as part of the individual PhD studies.

Further actions:

AAU Finalize the Course Catalogue. All course materials will be uploaded by **21 December 2023**. Together with a summary report, this will conclude WP2.

MU Propose template for Course Certificates

MU Propose template for first introduction slide for each course

USGM Conduct QA actions on the Course Catalogue: comments on the overall quality of the results.



UNET GA meeting

We conduct yearly meetings with the General Assembly, which constitutes the coordinators at each partner university.

The progress was reviewed. Some partners are delayed with the procurement, notably UDSM where the introduction of a new financial system has brought the procurement system to a halt. MU also has challenges in doing the procurement in Addis from Mekelle.

Actions noted from the GA meeting (see MoM at TEAMS/WP7/GA meetings):

- We send a status note to PO, indicating some delays
- We organize one additional Workshop in May, hosted by NTNU

Workshops in 2024

The workshops in 2024 will be:

Workshop 7

Support on implementation Cross-cutting issues.

Time: 13-16 May 2024

Host: Eduardo Mondlane University, Maputo

Workshop 8

Final workshop, with emphasis on dissemination

Time: 27-30 November 2024

Host: Eduardo Mondlane University, Maputo