



THE UNITED REPUBLIC OF TANZANIA
NATIONAL AUDIT OFFICE



**REPORT OF THE CONTROLLER AND AUDITOR GENERAL ON THE
FINANCIAL STATEMENTS AND COMPLIANCE AUDIT OF CENTRE FOR
WATER INFRASTRUCTURE AND SUSTAINABLE ENERGY FUTURES
(WISE-FUTURES) FOR THE FINANCIAL YEAR ENDED 30 JUNE 2021**

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December, 2021

AR/CG/WISE-Futures/2020/21

Mandate

The statutory mandate and responsibilities of the Controller and Auditor-General are provided for under Article 143 of the Constitution of the URT of 1977 (as amended from time to time) and in Section 10 (1) of the Public Audit Act, 2008.

Vision

A credible and modern Supreme Audit Institution with high-quality audit services for enhancing public confidence.

Mission

To provide high-quality audit services through modernization of functions that enhances accountability and transparency in the management of public resources.

Motto: “Modernizing External Audit for Stronger Public Confidence”

Core values

In providing quality services, NAO is guided by the following Core Values:

- i. Independence and objectivity
- ii. Professional competence
- iii. Integrity
- iv. Creativity and Innovation
- v. Results-Oriented
- vi. Teamwork Spirit

We do this by:

- ✓ Contributing to better stewardship of public funds by ensuring that our clients are accountable for the resources entrusted to them;
- ✓ Helping to improve the quality of public services by supporting innovation on the use of public resources;
- ✓ Providing technical advice to our clients on operational gaps in their operating systems;
- ✓ Systematically involve our clients in the audit process and audit cycles; and
- ✓ Providing audit staff with adequate working tools and facilities that promote independence.

© This audit report is intended to be used by WISE-Futures and may form part of the annual general report, which once tabled to National Assembly, becomes a public document; hence, its distribution may not be limited.

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Abbreviations

CAG	Controller and Auditor General
ISSAIs	International Standard of Supreme Audit Institutions
IPSAS	International Public Sector Accounting Standards
PAA	Public Audit Act No.11 of 2008
PAR	Public Audit Regulation, 2009
PAC	Public Accounts Committee
LAAC	Local Authorities Accounts Committee
PFA	Public Finance Regulations, 2009
PPA	Public Procurement Act, 2011 (as amended in 2016)
PPR	Public Procurement Regulations, 2013 (as amended in 2016)
WISE- Future	Water Infrastructure and Sustainable Energy Futures

1.0 INDEPENDENT REPORT OF THE CONTROLLER AND AUDITOR GENERAL

Vice Chancellor,
Nelson Mandela-African Institution of Science and Technology,
P. O. Box 447,
ARUSHA-TANZANIA.

1.1 REPORT ON THE AUDIT OF FINANCIAL STATEMENTS

Opinion

I have audited the financial statements of Water Infrastructure and Sustainable Energy Futures (WISE-FUTURES), being implemented by Nelson Mandela-African Institution of Science and Technology which comprise the statement of financial position as at 30 June 2021, and the statement of financial performance, statement of changes in net assets and cash flow statement and the statement of comparison of budget and actual amounts for the year then ended, as well as the notes to the financial statements, including a summary of significant accounting policies.

In my opinion, the accompanying financial statements present fairly in all material respects, the financial position of WISE-FUTURES as at 30 June 2021, and its financial performance and its cash flows for the year then ended in accordance with International Public Sector Accounting Standards (IPSAS) Accrual basis of accounting and the manner required by the Public Finance Act, 2001 (Revised 2004).

Basis for Opinion

I conducted my audit in accordance with the International Standards of Supreme Audit Institutions (ISSAIs). My responsibilities under those standards are further described in the Auditor's Responsibilities for the audit of the financial statements section of my report. I am independent of WISE-FUTURES in accordance with the International Ethics Standards Board for Accountants' Code of Ethics for Professional Accountants (IESBA Code) together with the National Board of Accountants and Auditors (NBAA) Code of Ethics, and I have fulfilled my other ethical responsibilities in accordance with these requirements.

I believe that the audit evidence I have obtained is sufficient and appropriate to provide a basis for my opinion.

Other Information

Management is responsible for the other information. The other information comprises the Commentary by Centre Leader and the Declaration by the Head of Finance but does not include the financial statements and my audit report thereon.

My opinion on the financial statements does not cover the other information, and I do not express any form of assurance conclusion thereon. In connection with my audit of the financial statements, my responsibility is to read the other information and, in doing so, consider whether the other information is materially inconsistent with the financial statements or my knowledge obtained in the audit, or otherwise appears to be materially misstated.

If, based on the work I have performed on the other information that I obtained prior to the date of this audit report, I conclude that there is a material misstatement of this other information, I am required to report that fact. I have nothing to report in this regard.

Responsibilities of Management and those charged with Governance for the Financial Statements

Management is responsible for the preparation and fair presentation of the financial statements in accordance with IPSAS and for such internal control as management determines is necessary to enable the preparation of financial statements that are free from material misstatement, whether due to fraud or error.

In preparing the financial statements, management is responsible for assessing the entity's ability to continue as a going concern, disclosing, as applicable, matters related to going concern and using the going concern basis of accounting unless management either intends to liquidate the entity or to cease operations or has no realistic alternative but to do so.

Those charged with governance are responsible for overseeing the entity's financial reporting process.

Responsibilities of the Controller and Auditor General for the Audit of the Financial Statements

My objectives are to obtain reasonable assurance about whether the financial statements as a whole are free from material misstatement, whether due to fraud or error and to issue an audit report that includes my opinion. Reasonable assurance is a high level of assurance but is not a guarantee that an audit conducted in accordance with ISSAIs will always detect a material misstatement when it exists. Misstatements can arise from fraud or error and are considered material if, individually or in the aggregate, they could reasonably be expected to influence the economic decisions of users taken on the basis of these financial statements.

As part of an audit in accordance with ISSAIs, I exercise professional judgment and maintain professional skepticism throughout the audit. I also:

- Identify and assess the risks of material misstatement of the financial statements, whether due to fraud or error, design and perform audit procedures responsive to
- those risks, and obtain audit evidence that is sufficient and appropriate to provide a basis for my opinion. The risk of not detecting a material misstatement resulting from fraud is higher than for one resulting from error, as fraud may involve collusion, forgery, intentional omissions, misrepresentations, or the override of internal control.
- Obtain an understanding of internal control relevant to the audit in order to design audit procedures that are appropriate in the circumstances but not for the purpose of expressing an opinion on the effectiveness of the entity's internal control.
- Evaluate the appropriateness of accounting policies used and the reasonableness of accounting estimates and related disclosures made by management.
- Conclude on the appropriateness of management's use of the going concern basis of accounting and, based on the audit evidence obtained, whether a material uncertainty exists related to events or conditions that may cast significant doubt on the entity's ability to continue as a going concern. If I conclude that a material uncertainty exists, I am required to draw attention in my audit report to the related disclosures in the financial statements or, if such disclosures are inadequate, to modify my opinion. My conclusions are based on the audit evidence obtained up to the date of my audit report. However, future events or conditions may cause the entity to cease to continue as a going concern.
- Evaluate the overall presentation, structure and content of the financial statements, including the disclosures, and whether the financial statements represent the underlying transactions and events in a manner that achieves fair presentation.

I communicate with those charged with governance regarding, among other matters, the planned scope and timing of the audit and significant audit findings, including any significant deficiencies in internal control that I identify during my audit.

I also provide those charged with governance with a statement that I have complied with relevant ethical requirements regarding independence and to communicate with them all relationships and other matters that may reasonably be thought to bear on my independence, and where applicable, related safeguards.

From the matters communicated with those charged with governance, I determine those matters that were of most significance in the audit of the financial statements of the current period and are, therefore, the key audit matters. I describe these matters in my audit report unless law or regulation precludes public disclosure about the matter or when, in extremely rare circumstances, I determine that a matter should not be

communicated in my report because the adverse consequences of doing so would reasonably be expected to outweigh the public interest benefits of such communication.

In addition, Section 10 (2) of the Public Audit Act, 2008 requires me to satisfy myself that the accounts have been prepared in accordance with the appropriate accounting standards.

Further, Section 48(3) of the Public Procurement Act, 2011 requires me to state in my annual audit report whether or not the audited entity has complied with the procedures prescribed in the Procurement Act and its Regulations.

1.2 REPORT ON COMPLIANCE WITH LEGISLATIONS

Compliance with the Public Procurement Act, 2011 (as amended in 2016)

Subject matter: Compliance audit on procurement of works, goods and services

I performed a compliance audit on procurement of works, goods and services in the WISE-FUTURES, for the financial year 2020/21 as per the Public Procurement Act, 2011 (as amended) and its Regulations of 2013 (as amended in 2016).

Based on the audit work performed, I state that, except for the matters described below, procurement of goods, works and services of WISE-Futures is generally in compliance with the requirements of the Public Procurement Act, 2011 and its underlying Regulations of 2013 (as amended in 2016).

Contract for the Supply, Installation, Training, Testing and Commissioning of Facilities for Water Purification and Sanitation (Reverse Osmosis System) not included in the Annual Procurement Plan USD.125, 006.

Section 49(1&2) of PPA, 2011 (as amended 2016) requires an Annual Procurement Plan to be approved by appropriate budget approving authority and the Procurement Entity to observe the approved Annual Procurement Plans. To the contrary, I noted Nelson Mandela African Institution of Science and Technology-WISE Futures on 21 June 2021 entered into a contract for the Supply, Installation, Training, Testing and Commissioning of Facilities for Water Purification and Sanitation (Reverse Osmosis System) worth USD.125, 006 which was not in the Annual procurement plan.


Benjamin M. Mashauri
Ag. Controller and Auditor General
Dodoma, United Republic of Tanzania

31 December, 2021



2.0 FINANCIAL STATEMENTS

1.0 STATEMENT BY THE VICE CHANCELLOR

On behalf of the Management and the entire staff of Nelson Mandela African Institution of Science and Technology, I wish to extend my appreciations to the Water Infrastructure and Sustainable Energy Futures (WISE - Futures), World Bank and the Government of the United Republic of Tanzania (URT) for providing both administrative and financial resources and guidance that have enabled NM-AIST to implement its mission and vision since its establishment. I also thank the Management and the Centre Team for their tireless support in the course of implementing the project activities. I acknowledged commitment by the Government of the United Republic of Tanzania to provide the required resources to the Centre and in supporting NM-AIST in hostel construction and establishment of Mandela FM Radio.

1.1 STATEMENT BY THE CENTRE LEADER

On behalf of the Management, I have the pleasure to present an overview of the Centre performance and financial Position for the year ended 30th June 2021. Notwithstanding, the challenges facing the Centre operating environment, especially the funding and others as highlighted below, the Centre has outstanding achievements and indicators in favour of objectives establishing the Centre.

The Africa Centers of Excellence (ACE) are regional specialization programs that promote shared education and research resources, increase internationalization of higher education institutions and increase student mobility in the region. It employs a combination of elements including regionality, strong government ownership, competitive selection of centers, results-based financing, independent verification of results, intensive implementation support, partnerships, and a robust monitoring and evaluation system. There are two ACEs at the Nelson Mandela African Institution of Science and Technology; the Centre of Water Infrastructure and Sustainable Energy Futures (WISE-Futures) and the Centre for Research, Agricultural Advancement, Teaching Excellence and Sustainability in Food and Nutritional Security (CREATES-FNS).

In five years, WISE-Futures education and research Programmes has facilitate the enrolment of over 255 Masters, 99 PhD students, and 160 policymakers and practitioners with advanced skills and competencies for them to contribute effectively to solving development challenges related to water, sanitation, and energy security in the region. The WISE-Futures explicitly recognizes the gender disparity in the region and proposes robust measures to accelerate African women participation in STEM: at least 20 percent of all graduates are female.

**Nelson Mandela- African Institution of Science and Technology
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(WISE-FUTURES)**

The NM-AIST administrative structure provides for the creation of Centres as autonomous units. Changes made to establish WISE-Futures is to increase the number of the regional partnership (universities, private sector, and NGOs). To address the gender disparity, the Centre deliberately allocates 30% of its Masters and PhD scholarship to talented women candidates in the region. To increase quality, the Centre provides competitive research grants to Masters and PhD candidates whose proposals are of outstanding academic excellence. On behalf of the Management and the entire staff of WISE-Futures, I wish to extend my appreciation to the United Republic of Tanzania through World Bank soft loan for providing the financial resources that have enabled the Centre to implement its mission and objectives since its establishment. I also thank the NM-AIST Management for its tireless support to the Management of the Centre in the course of implementing the Centre activities.

**2.0 CENTRE FOR WATER INFRASTRUCTURE AND SUSTAINABLE ENERGY FUTURES
(WISE - FUTURES)**

2.1 WISE-Future-Objectives and Outcomes

Water Infrastructure and Sustainable Energy Futures (WISE - Futures) African Centre of excellence was declared effective by the World Bank on January 26, 2017. This date is taken to be the day when the WISE-Futures started its activities. Based on this explanation, WISE-Futures is five-years old. WISE-Futures at the Nelson Mandela African Institution of Science and Technology (NM-AIST) is focusing enhancing research, learning, and teaching excellence in three key areas: water and sanitation security, water resources security, and energy security. WISE-Futures is steering achieving excellence to uplift the capacity (in terms of human resources and manufacturing industry) of Tanzania and African nations in general to solve the pressing problems related to water, sanitation, and energy by themselves. The excellence in these key areas can be achieved through improving partnerships with various partners (private and public sectors); local, regional, and international collaborators.

During the year under review, WISE -Futures has accomplished various activities ranging from graduate students enrollment to acquiring new projects from various donors/funders, support the development of new curricula for schools of MEWES, BUSH and COCSE, preparation and running of short courses, trainings and workshops, development proposal for grants, facilitation of Post-Doctoral exchange to work with MSc and PhD students, Community engagement, Centre marketing and logistics, partnership and collaboration with other stakeholder both locally, regionally and internationally, preparation of proposals and consultative meetings to construct R&D Centre, donation of cabin filter machine from Aerosol Research and Technology Plus (ART+) and participation in national steering committee meetings (NSCs).

**Nelson Mandela- African Institution of Science and Technology
Centre for Research in Water Infrastructure and Sustainable Energy Futures
(WISE-FUTURES)**

2.2 Enrollment of MSc and PhD Students

For the entire project timeframe (5 years), WISE-Futures targeted to enroll 120 MSc and PhD 51 students, and at least 30% of all graduates enrolled must be female. WISE-Futures has so far from 2017 to 2021 managed to enroll a total of 354 students, 255 MSc and 99 PhD. The Centre through PASET is continue offering Regional Scholarship opportunities and just recently six new PhD students have started joining NM-AST through this initiative for the academic year 2021/2022.

2.3 Students' Scholarships and Research Seed Support

WISE-Futures competitively sponsored master's and PhD students in three key areas: Water and Sanitation, Water Resources, and Energy. To be eligible for the scholarship, students should have obtained admission to NM-AIST Masters or PhD program in the respective specialization areas and fulfill other scholarship eligibility criteria. Supports interdisciplinary research students given their proposed research have a profound impact on water and sanitation security, water resource security and energy security research in research groups.

Table 1: Students under scholarship

Programmes	National students		Regional students		
	Male	Female	Male	Female	Total
MSc	19	8	3	4	34
PhD	12	1	3	1	17
Total	31	9	6	5	51

3.0 ACCREDITATION OF ACADEMIC PROGRAMS

The WISE-Futures facilitated the development and strengthening of 18 MSc and PhD programs under the schools of Materials Energy Water and Environmental Sciences (MEWES), Business Studies and Humanities (BuSH), and Computational and Communication Science and Engineering (COCSE). However, there were challenges with meeting TCU/ERB requirements and inadequate faculty in the respective schools, which delayed the national accreditation process of the degree programmes. So far 8 MEWES and 3 COCSE programmes have been nationally accredited by TCU. Other programmes are still waiting to be accredited.

Along the same line, the centre supported NM-AIST in the process of establishment and accreditation of degree programmes in nuclear science and technology. Once successfully accredited, it will be the first program of such kind to be run in Tanzania. The validation meeting for the respective program was conducted in July 2019 in Dar es Salaam, and currently, the school of MEWES is incorporating the comments from the stakeholders for final submission of the program to TCU.

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4.0 ACHIEVING LEARNING EXCELLENCE

4.1 International Accreditation of Programmes

The Centre submitted three (3) Programmes to Agency for Quality Assurance through Accreditation of Study Programmes (AQAS, Germany).

Table 2: Program submitted for international accreditation

MASTER	PHD
MSc in Materials Science and Engineering	PhD in Materials Science and Engineering
MSc in Embedded Mobile System	

5.0 RESEARCH EXCELLENCE

5.1 TBS and NM-AIST to operationalize the cabin filter testing machine

- In May 2021 the TBS and NM-AIST legal team finalized the discussion on the operationalization of the cabin filter testing machine.
- The Centre facilitated the whole exercise and the testing will start after the mutual implementation committee meets and discuss the implementation strategy.
- This is the milestone for Centre sustainability as it will generate income for both parties as agreed in the MoU.

5.2 Nelson Mandela Radio Station

- As part of the application and selection process, on 30 March 2021, the Centre presented the radio business and technical plans before the Tanzania Communication Regulatory Authority (TCRA) as per Section 6 (6) of the Electronic and Post Communications, Act, Cap 306.
- The Centre has successfully been granted permission to establish a radio station and the building is currently under renovation.

5.3 Establishment of Research and Development (R&D) Centre

- A comprehensive project proposal, as a road map towards the construction of the Research and Development (R&D) facility for WISE - Futures Centre, was accomplished and shared with MoEST, Dodoma.
- The Centre team addressed comments from MoEST for further submission to the treasury office, Ministry of Finance (MoF), Dodoma. As of date, the proposal has been submitted to MoF for further action.
- Along the same line, on Environmental Impact Assessment (EIA) for the R&D facility, the Center got the EIA certificate from National Environmental Management Council (NEMC).

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6.0 TRAININGS

6.1 Drone Piloting Training

In March 2021 the Centre organized a training at NM-AIST grounds to provide adequate skills, knowledge, and attitude on drone flying. The course is vital for aerial solar inspection, surveillance, forest management, aerial mapping, crop spraying and data collection, wildlife management. The Center is establishing the Drone Training Center at Karangai area where a Drone port can be established.

6.2 MUSE Training

MUSE is a new accounting system and stands for 'Mfumo wa ulipaji Serikalini'. The Centre supported a team of NM-AIST accountants and Centre staff to attend MUSE Training in Morogoro in April 2021. The training covered all aspects of budgeting, revenue, cash management, payments, imprest management, purchasing and contract management, reconciliation, and reports. The NM-AIST adopted the MUSE payment system in financial year 2021/22.

6.3 D-FUND Training

D-FUND stands for "Direct to projects Funds". WISE-Futures supported a team of NM-AIST and Centre staff to attend training on D-Fund at the Ministry of Finance and Planning in Dodoma. The training covered four main components: Project registration, fund requisition, expenditure requisition, and expenditure. WISE-Futures successfully registered under D-Fund.

6.4 BuSH Training on Mind-set change and Customer Service

The overall objective of the workshop was to empower staff with entrepreneurial mind-set competencies and excellent customer service skills. Specifically, the workshop aimed to show the participants to see and take the opportunity of the available income generation activities within and outside of the institution for improving customer services standards and other clients of the institutions.

7.0 WISE-FUTURES COLLABORATIONS & PARTNERSHIP

The Center has more than 23 Memorandum of Understandings (MoUs) entered from 2017 to June 2021. The partners include Tanzania Bureau of Standards (TBS), Worcester Polytechnic Institute (WPI), and BEYOND TANZANIA. Despite some variations depending on partner the key areas of implementation for the respective partners include Collaborative Research, publication and data exchange, Resources Mobilization, Short course development and teaching, Student internship and attachment, Workshops, and Conferences.

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(WISE-FUTURES)**

8.0 CENTRE SUSTAINABILITY

The Centre employed numerous mechanisms to warrant its sustainability beyond the project funding. These include.

- Establishment of Research and Development (R&D) Centre.
- Development of proposals for Grants
- Consultancy Services to local and international organizations (SNV, GIZ, WaterAid, etc.)
- Spin-off Companies through students (MSc & PhD) and Faculty products innovation.
- Establishment of Centre of Competency in Digital Education
- Conducting outreach (Proposal for revenue generation is underway)
- Conduct Short Courses such as Drones, Professional Short courses for water Engineers, etc.)
- Donation of cutting-edge Lab equipment by various international partners e.g., ART+ Plus, Carleton University.

9.0 CENTRE FINANCING

The mode of financing of the Centre and its disbursement is based on the achievement of the agreed DLIs. The fifth disbursement was received in June 2021 since the project started, the last disbursement took more than a year to be realized in the center account due to delays at the Ministry level. The Center is also managed to trigger a total amount of USD 673,114 from DLI#2.7 on External generated revenue and DLI#3 on timely, transparent, and institutional reviewed financial management.

10.0 MONITORING AND EVALUATION TRACKING TOOL

The Center formed a task force between the Center and SIPHO group Company (WISE-Futures Partner specialized with IT solutions). The task force developed the Monitoring and Evaluation tracking tool that will equip the Center with a more easily and managed database for its activities.

11.0 FINANCIAL MANAGEMENT AND DISBURSEMENT

The WISE-Futures Centre has now reached 75% of DLI achievement. During the year under review WISE-Futures received a total of USD 1,201,176.50 for the implementation of various activities outlined in the Implementation Plan. So far, the Centre has received USD 3,816,840. DLI#4 for Procurement is under review prior submission to World Bank basing on verification as well as PPRA auditing. More details on DLI/DLRs disbursements are shown on Table 4.

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Table 3: WISE-Futures DLI/DLR Achievements Hitherto 2016 - 2021.

DLI	DLR	Total Amount Allocated	Verified disbursed Amount	Verified undisbursed Amount	Total (Disbursed and undisbursed)	Progress (%)	Remark
DLI# 1	DLR # 1.1	600,000	600,000	-	600,000	100	Completed
	DLR #1.2	500,000	500,000	-	500,000	100	Completed
DLI# 2	DLR # 2.1	N/A	N/A	N/A	N/A	N/A	Dropped and funds reallocate to other DLIs
	DLR #2.2	1,300,000	811,955	626,700	811,955	100	Completed
	DLR #2.3	600,000	225,000	-	225,000	38	International Accreditation-On Progress
	DLR #2.4	200,000	200,000	-	200,000	100	Completed
	DLR #2.5	500,000	500,000	-	500,000	100	Completed
	DLR #2.6	700,000	413,000	-	413,000	59	Due to Covid-19, the Exchange program has been affected
	DLR #2.7	900,000	346,886	553,114	900,000	100	Completed
	DLR #2.8	100,000	100,000	-	100,000	100	Completed
DLI# 3	DLR #3.1	75,000	30,000	30,000	60,000	80	Achieved and Waiting Verification
	DLR #3.2	75,000	30,000	30,000	60,000	80	Achieved and Waiting Verification
	DLR #3.3	75,000	30,000	30,000	60,000	80	Achieved and Waiting Verification
	DLR #3.4	75,000	30,000	30,000	60,000	80	Achieved and Waiting Verification
DLI # 4	DLR # 4.1	150,000	-	-	-	0	Finalizing Documentation for Verification
	DLR #4.2	150,000	-	-	-	0	Finalizing Documentation for Verification
Total		6,000,000	3,816,840	1,299,814.10	5,116,655.00	85	

12.0 DISBURSEMENT ARRANGEMENTS-ADVANCES

The World Bank may make an advance payment of up to 25 percent of the financing for one or more DLIs, which have not yet been achieved. To request an advance, the borrower attaches a “request for advance” letter (annex Band also available in Client Connection) to the withdrawal application. When DLIs are achieved, the amount of the advance is recovered from the amount due to be disbursed under such DLIs. The advanced amount recovered by the Bank is then available for additional advances (“revolving advance”).

When an advance has been provided and the DLIs are achieved and verified, the advance is always recovered first. If the amount allocated to a DLI that has been achieved and verified is larger than the advance, then the Bank will disburse the amount in excess of the advance. The Bank requires that the recipient refund any advances (or portion of advances) if the DLIs have not been achieved (or have been partially achieved) by the program closing date.

13.0 DISBURSEMENT ARRANGEMENTS-DLIS

The financing proceeds are disbursed upon the achievement of verified disbursement-linked results specified as DLIs. Such disbursements are not dependent on or attributable to individual transactions or expenditures of the program.

14.0 ENROLMENT OF REGIONAL STUDENTS

The conditional requirement for 20% regional students for every student-data submitted is a serious hiccup towards ACEs maximum achievement of the disbursement set due to penalties imposed. Therefore, it is advised that, IUCEA/World Bank should treat regional-students data on cumulative basis for the entire project life. That is, if ACE achieves 20% of regional students in year one that should be regarded a full achievement for five (5) years. The cost (accommodation, flights, living allowance etc.) of hosting students for short-term courses is very high compared to maximum cap amount set in the DLI/DLR. The disbursement achieved through the respective DLI/DLR is small compared to costs incurred hence resulting into losses. Therefore, it is advised that, the capped disbursement amount should be increased fairly to provide leverage relative to the costs incurred.

15.0 THE COST FOR PROCUREMENT AUDIT

The costs related to procurement auditing are very high. Therefore, to save costs, the Controller and Auditor General (CAG) report should be enough for both ACEs financial management and procurement management.

16.0 EXTERNAL AUDIT

The Controller and Auditor General (CAG) is the statutory auditor of WISE-Futures by virtue of Article 143 of the constitution of the United Republic of Tanzania, and as amplified in Section 10 (1) of the Public audit Act, Cap. 418 [R.E 2021].

17.0 MANAGEMENT RESPONSIBILITY

Section 25 (4) of the Public Finance Act 2001 requires the Management to prepare financial statements for each financial year, which give a true and fair view of the financial performance and financial position of the reporting entity as at the end of the financial year. It also requires the Management to ensure that the reporting entity keeps

proper accounting records, which disclose with reasonable accuracy at any time, the financial position of the reporting entity. They are also responsible for safeguarding the assets of the reporting entity. The Centre Management accepts responsibility for the annual Financial Statements, which have been prepared using appropriate accounting policies supported by reasonable and prudent judgments and estimates, in conformity with International Public Sector Accounting Standards (IPSAs) Accrual basis.

The Management is of the opinion that these financial statements give a true and fair view of the state of the financial affairs of the reporting entity. The Management further accepts responsibility for the maintenance of accounting records that may be relied upon in the preparation of financial statements, as well as adequate system of internal financial control. Management is responsible for safeguarding the assets of the reporting entity and hence for taking reasonable steps for the prevention and detection of frauds, errors and other irregularities.

To the best of our knowledge, the system of internal control has operated adequately throughout the reporting period and that the records and underlying accounts provide a reasonable basis for the preparation of the financial statement for the year 2020/2021. We accept responsibility for the integrity of the financial statement, the information it contains, and its compliance with the IPSAs (Accrual basis), Public Finance Act, Cap. 348, 2001 [R.E 2020] and World Bank Disbursement Guidelines (2012).

Procurement of goods, works, consultancy and non-consultancy services to the extent that they are reflected in these financial statements have been done in accordance with the Public Procurement Act of 2011 (as amended 2016) and its subsequent regulations. Nothing has come to the attention of the Management to indicate that the WISE Future Centre will not remain a going concern.



Prof. Emmanuel J. Luoga
Vice Chancellor-NM-AIST

Date 23/12/2021



Dr. Hans C Komakech
Centre leader

Date 26/12/2021

**Nelson Mandela- African Institution of Science and Technology
Centre for Research in Water Infrastructure and Sustainable Energy Futures
(WISE-FUTURES)**

**18.0 DECLARATION OF THE HEAD OF FINANCE/ACCOUNTING OF NELSON MANDELA -
AFRICAN INSTITUTION OF SCIENCE AND TECHNOLOGY (NM-AIST)**

The National Board of Accountants and Auditors (NBAA) according to the power conferred under the Auditors and Accountants (Registration) Act. No. 33 of 1972, as amended by Act No. 2 of 1995, requires financial statements to be accompanied with a declaration issued by the Head of Finance/Accounting responsible for the preparation of financial statements of the entity concerned.

It is the duty of a Professional Accountant to assist the Project Management to discharge the responsibility of preparing financial statements of an entity showing true and fair view of the entity position and performance in accordance with applicable International Public Sector Accounting Standards (IPSASs Accrual Basis) and statutory financial reporting requirements. Full legal responsibility for the preparation of financial statements rests with the Project Management as under Management Responsibility statement on an earlier page.

I **ACPA Richard S. Lutinya** being the Acting Head of Finance/Accounting of NM-AIST, hereby acknowledge my responsibility of ensuring that financial statements for the year ended 30 June 2021 have been prepared in compliance with applicable accounting standards and statutory requirements.

I thus confirm that the financial statements give a true and fair view position of NM-AIST Project as on that date and that they have been prepared based on properly maintained financial records.

Signed by: 

Position: **Ag. Bursar**

NBAA Membership No.: **ACPA 32 82**

Date: **28/12/2021**

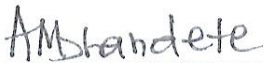
**Nelson Mandela- African Institution of Science and Technology
Centre for Research in Water Infrastructure and Sustainable Energy Futures
(WISE-FUTURES)**

19.0 CORPORATE GOVERNANCE

WISE-Futures is directed by the Council, facilitated by an Advisory Board meanwhile the various Centre functions are overseen by the Centre Leader and the Deputy Centre Leader through the Centre Manager.

20.0 AUTHORIZATION DATE

The financial statements were submitted to the Controller and Auditor General (C.A.G) on 30 September 2021 for certification and then submitted to NM-AIST before 31 December 2021 when become public on their release.



Prof. Emmanuel J. Luoga
Vice Chancellor-NM-AIST

Date.....23/12/2021



Dr. Hans C Komakech
Centre leader

Date.....26/12/2021

21.0 LIST OF GOVERNMENT CIRCULARS USED IN PREPARATION OF FINANCIAL STATEMENTS

The Financial statements for the financial year ended 30 June 2021 adhered to mandated changes as issued by Government through circulars,

- Circular No. 12 of 2015/2016 “Application of proper standards for preparation of financial statements”
- Circular No. 03 of 2015/2016 “Accounting Circular No. 03 of 2015/2016 closure of Accounts for the financial year 2015/2016.
- Circular No. 04 of 2017/2018 “Accounting Circular No. 04 on the preparation of financial statements and other financial reports and closure of the financial year 2017/2018.
- Circular No. 02 of 2018/2019 “Treasury circular No. 02 of 2018/19 on Accounting treatment of Taxpayer funds and recognition of Revenue Related to Capital Expenditure.
- Circular No. 06 of 2019/2020 “Accounting Circular No. 06 on the preparations of financial reports and closure of the financial year ending 30 June 2020.
- Circular No. 07 of 2020/21 “Accounting Circular No. 07 on the preparations of financial reports and closure of the financial year ending 30 June 2021.


22.0 LIST OF FINANCIAL STATEMENTS PREPARED FOR THE FINANCIAL YEAR ENDED 30 JUNE 2021


- (i) Statement of Financial Positions as at 30 June 2021.
- (ii) Statement of Financial Performance for the year ended 30 June 2021.
- (iii) Cash Flow Statement for the year ended 30 June 2021.
- (iv) Statement of Changes in Net Assets for the year ended 30 June 2021.
- (v) Reconciliation of net cash flows from operating activities to surplus/ (deficit) for the year ended 30 June 2021.
- (vi) Statement of comparison of budget and actual amount for the year ended 30 June 2021.

**Nelson Mandela- African Institution of Science and Technology
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(WISE-FUTURES)**

23.0 STATEMENT OF FINANCIAL POSITION AS AT 30 JUNE 2021

ASSETS	NOTE	30-June-2021 USD	30-June-2020 USD
Current Assets			
Cash and Cash Equivalents	2	1,810,210.37	880,268.78
Receivables form non-exchange transactions	3	48,790.49	48,790.65
Total Current Assets		1,859,000.86	929,059.43
Non-Current Assets			
Property, Plant and Equipment	4	323,372.21	319,424.26
Total Non-Current Assets		323,372.21	319,424.26
TOTAL ASSETS		2,182,373.07	1,248,483.69
LIABILITIES			
Deferred Grant	5	1,810,210.37	880,268.78
Total Liabilities		1,810,210.37	880,268.78
Net Assets		372,162.70	368,214.91
NET ASSETS			
Accumulated Surplus		372,162.70	368,214.91
Total Net Assets		372,162.70	368,214.91


/ Prof. Emmanuel J. Luoga
Vice Chancellor
Date.....23/12/2021


/ Dr. Hans C. Komakech
Centre leader
Date.....26/12/2021

**Nelson Mandela- African Institution of Science and Technology
Centre for Research in Water Infrastructure and Sustainable Energy Futures
(WISE-FUTURES)**

23.1 STATEMENT OF FINANCIAL PERFORMANCE FOR THE YEAR ENDED 30 JUNE 2021

REVENUE	Note	30-June-2021	30-June-2020
Revenue from non-exchange transactions		USD	USD
Amortised revenue (recurrent grant)	6	551,679.92	837,975.83
Amortised revenue (Capital grant)	4	81,800.96	220,000.00
Total Revenue		633,480.88	1,057,975.83
EXPENSES			
Achieving learning Excellence	8	55,831.48	139,470.91
Research Excellence	9	32,013.09	-
Quality assurance framework	10	6,481.19	166.45
Equity Dimensions	11	8,511.64	500.00
Attracting Regional Academic Staff and Students	12	19,464.15	1,124.71
Engaging National and Regional Academic Partners	13	-	16,191.80
Attracting National and Regional Sector Partners	14	18,388.31	19,021.25
International academic collaboration	15	4,303.73	43,173.38
K	16	224,363.12	262,507.00
Sustainable Financing	17	112,656.70	15,717.72
Monitoring and Evaluation	18	27,070.59	3,563.00
Project Expenses	19	42,596.31	177,050.34
Depreciations	4	77,853.17	68,842.97
Total Expenses		629,533.48	747,329.54
Surplus for the Period		3,947.40	310,646.29

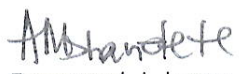
Ammanuel J. Luoga
/ Prof. Emmanuel J. Luoga
Vice Chancellor-NM-AIST
Date...23/12/2021

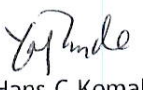
Hans C. Komakech
/ Dr. Hans C. Komakech
Centre Leader
Date...26/12/2021

**Nelson Mandela- African Institution of Science and Technology
Centre for Research in Water Infrastructure and Sustainable Energy Futures
(WISE-FUTURES)**

23.2 CASHFLOW STATEMENTS FOR THE YEAR ENDED 30 JUNE 2021

		2021 USD	2020 USD
Cash flow from Operating activities	NOTE		
Receipt			
Grants - Received	7	1,563,422.47	1,493,174.66
Total Receipts		1,563,422.47	1,493,174.66
Payments			
Achieving learning Excellence	8	55,831.48	139,470.91
Research Excellence	9	32,013.09	-
Quality assurance framework	10	6,481.19	166.45
Equity Dimensions	11	8,511.64	500.00
Attracting Regional Academic Staff and Students	12	19,464.15	1,124.71
Engaging National and Regional Academic Partners	13	-	16,191.80
Attracting National and Regional Sector Partners	14	18,388.31	19,021.25
International academic collaboration	15	4,303.73	43,173.38
Center Management and Governance	16	224,363.12	311,297.65
Sustainable Financing	17	112,656.31	15,717.72
Monitoring and Evaluation	18	27,070.59	3,563.00
Project Expenses	19	42,596.31	177,050.34
Total Payments		551,679.92	727,276.16
Cash flows from Operating activities		1,011,742.55	765,897.45
Cash flows from Investing Activities			
Purchase of property Plant and Equipment	4	(81,800.96)	(321,168.77)
Net Cash flows from Investing Activities		(81,800.96)	(321,168.77)
Cash flows from financing activities			
Development Grants Received		-	-
Net Cash flows from financing Activities		929,941.59	444,728.68
Net Increase in cash and cash equivalents			
Cash and Cash equivalents at beginning of period		880,268.68	435,540.15
Cash and Cash equivalents at the end of period		1,810,210.42	880,268.83


/Prof. Emmanuel J. Luoga
Vice Chancellor-NM-AIST
Date 23/12/2021


/ Dr. Hans C Komakech
Centre leader
Date 26/12/2021

**Nelson Mandela- African Institution of Science and Technology
Centre for Research in Water Infrastructure and Sustainable Energy Futures
(WISE-FUTURES)**

23.3 STATEMENT OF CHANGES IN NET ASSETS FOR THE YEAR ENDED 30 JUNE 2021

Current Period	Accumulated	Total
	Surplus	Amount
	USD	USD
Net Asset as at 1 st July,2020	368,214.91	368,214.91
Restated Net Asset as at 1 st July,2020	368,214.91	368,214.91
Surplus/Deficit for the year	3,947.79	3,947.79
Net Asset as at 30 th June,2021	372,162.70	372,162.70

Comparative Period	Accumulated	Total Amount
	Surplus	
	USD	USD
Net Asset as at 1 July,2019	57,568.62	57,568.62
Surplus/Deficit for the year	310,646.29	310,646.29
Net Asset as at 30 June 2020	368,214.91	368,214.91


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Prof. Emmanuel J. Luoga
Vice Chancellor-NM-AIST
Date 23/12/2021


Y. Komakech
/ Dr. Hans C Komakech
Centre leader
Date 26/12/2021

**Nelson Mandela- African Institution of Science and Technology
Centre for Research in Water Infrastructure and Sustainable Energy Futures
(WISE-FUTURES)**

**23.4 RECONCILIATION OF NET CASH FLOWS FROM OPERATING ACTIVITIES TO SURPLUS/ (DEFICIT)
FOR THE YEAR ENDED 30 JUNE 2021**

	30-Jun-2021	30-Jun-2020
	USD	USD
Surplus from ordinary activities	3,947.79	310,646.29
Non-Cash Movements		
Depreciations	77,853.17	68,842.97
Increase/Decreased in amortized grants	929,941.59	435,198.83
(Increase)/Decrease in Receivables		(48,790.64)
Net cash flows from operating activities	1,011,742.71	765,897.45


Prof. Emmanuel J. Luoga
Vice Chancellor
Date.....23/12/2021


Dr. Hans C. Komakech
Centre leader
Date.....26/12/2021

**Nelson Mandela- African Institution of Science and Technology
Centre for Research in Water Infrastructure and Sustainable Energy Futures
(WISE-FUTURES)**

**23.5 STATEMENT OF COMPARISON OF BUDGET AND ACTUAL AMOUNT FOR THE YEAR ENDED
30 JUNE 2021**

	Original Budget 2021	Final Budget 2021	Actual on Comparable Basis 2021	Performance difference 2021	Note	Perce ntage
Receipts						
Grants	1,765,561.00	1,765,561.00	1,563,422.47			
Total Grants	1,765,561.00	1,765,561.00	1,563,422.47	202,127.31	(i)	11%
Payments						
To achieve learning excellence	74,100.00	74,100.00	55,831.48	18,268.52	(ii)	25%
Research Excellence	392,000.00	392,000.00	32,013.09	359,986.91	(iii)	92%
Quality Assurance	5,000.00	5,000.00	6,481.19	(1,481.19)	(iv)	-30%
Equity Dimension	518,000.00	518,000.00	8,511.64	509,488.36	(v)	98%
Attracting academic staff and students from the region	21,500.00	21,500.00	19,464.15	2,035.85		9%
National and Regional academic partners	36,800.00	36,800.00	-	36,800.00	(vi)	0%
National and regional sector partners	30,000.00	30,000.00	18,388.31	11,611.69	(vii)	39%
Collaboration with international academic partners	30,000.00	30,000.00	4,303.73	25,696.27	(viii)	86%
Management and Governance	261,161.00	261,161.00	224,363.12	36,386.46		14%
Sustainable Financing	366,000.00	366,000.00	112,656.31	253,343.30	(ix)	69%
Monitoring and Evaluation	31,000.00	31,000.00	27,070.59	3,929.41	(x)	13%
Other projects			42,596.31			
Purchase of PPE			81,800.96			
Total Payments	1,765,561	1,765,561	551,679.92			
Net Receipts			1,011,742.55			

**Nelson Mandela- African Institution of Science and Technology
Centre for Research in Water Infrastructure and Sustainable Energy Futures
(WISE-FUTURES)**

23.5.1: EXPLANATIONS OF DIFFERENCES BETWEEN ACTUAL AND BUDGETED AMOUNTS

- (i) **Actual Disbursement Received**
USD 202,127.31 (11%) was not yet received by the end of June 2021.
- (ii) **Achieving learning Excellence**
25% of the objective I activities were implemented the prior year budget especially reviewing MSc and PhD Program.
- (iii) **Research Excellence**
Objective II activities were implemented partially, mainly contributed by the outbreak of Covid-19. Planned activities affected included hosting annual conference, Engaging 2 Postdoctoral Researchers, Enhancing skills of laboratory staffs and developing new short courses.
- (iv) **Quality Assurance**
Costs incurred under objective III included Centre performance evaluation, Training of QA/M&E staff and Support of Centre evaluation activities and PASET Meetings.
- (v) **Equity Dimension**
Objective IV of the Centre activities as reflected in the Annual Work Plan are still on-going including Develop special pre-entry and capacity building Programme for special groups (inclusive females), Enrolment drive campaign for special group and Supporting the construction of Hostels for Female Students.
- (vi) **Engaging National and Regional Academic Partners**
In Objective VI, actual amount for Facilitation and promotion of Students co-supervision with partners were affected by the outbreak of COVID-19.
- (vii) **Attracting National and Regional Sector Partners**
Under expenditure was affected the outbreak of COVID-19 where the number of National and regional sector partners could not travel.
- (viii) **International academic collaboration**
Objective VIII of Centre activities was mainly affected by the result of Covid-19 which affected international collaborations and rescheduled their travels.
- (ix) **Sustainable Financing**
The Centre planned activities were reduced as the result of COVID-19 Pandemic. Activities affected were postponed to the next financial year.

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Centre for Research in Water Infrastructure and Sustainable Energy Futures
(WISE-FUTURES)**

(x) Monitoring and Evaluation

In Objective XI of the Centre planned activity the variance was due to the activities which are on-going including Support establishment of monitoring and evaluation unit, Developing Project Management System software for Monitoring project performance, Technical Advisory Meetings (TAM) and other related costs and To support with travel related costs to Partner Institutions (Per diems, Accommodation, Airfares/Public Transport).

24.0 Notes to the Financial Statements

1.0 Adoption of the IPSASs-Accrual Basis

The financial statements of the Centre have been prepared in accordance with IPSAS Accrual Basis. The adoption of IPSAS Accrual basis has been accepted for improving the quality, comparability and credibility of financial reporting across the Project.

1.2.0 Basis of preparations

The Centre financial statements have been prepared in accordance and compliance with International Public Sector Accounting Standards (IPSAS) accrual basis. Accordingly, the accounting policies have been updated to IPSAS accrual.

1.3.0 Reporting Period

Financial statements have been prepared to cover for the period of twelve (12) months from 1 July 2020 to 30 June 2021. The Centre confirms that appropriate accounting policies have been used and prudent judgment and estimates have been made in the preparation of the financial statements for the year ended 30th June 2021.

1.4.0 Compliance with Donor Policy

During the year under review the Project complied with donor disbursement guidelines, Procurement guidelines and grant agreement specific and general terms. The Project received no objections to pursue its various missions as stipulated in the annual work plan and budget for the year 2021.

1.5.0 Functional and presentation currency

The financial statements are presented in United States Dollar (USD), which is the disbursement and presentation currency of the Donor.

1.6.0 SIGNIFICANT ACCOUNTING POLICIES

1.6.1 Property, Plant and Equipment

- (i) Initial Recognition and Subsequent Measurement of Property, Plant and Equipment**

**Nelson Mandela- African Institution of Science and Technology
Centre for Research in Water Infrastructure and Sustainable Energy Futures
(WISE-FUTURES)**

Property, Plant and Equipment are initially recognized at cost price which includes expenditures that are directly attributable to the acquisition or construction of the property, plant and equipment. Subsequently, Property,

Plant and Equipment are measured at cost less accumulated depreciation and accumulated impairment losses. Subsequent costs are recognized in the asset's carrying amount only when if, and only if: It is probable that future economic benefits or service potential associated with the item will flow to the entity; and the cost or fair value of the item can be measured reliably. All other costs such as repair and maintenance are expensed to the Statement of Financial Performance during the financial period in which they are incurred.

(ii) Depreciation of Property, Plant and Equipment

Depreciation is calculated to write off the cost/valuation of property, plant, and equipment over their expected useful lives on a straight line basis. It is the University policy to reassess depreciation method and rate(s) annually.

Depreciation is charged on assets from the date when they are ready for use and stop on the date when the asset is derecognized. Land is not depreciated.

1. The asset economic life is projected in ranges as follows;

Asset Category	Economic Life (yrs)
Laboratory Equipments	8
Furniture and Fixture	5
Office Equipment	5
Motor Vehicles	5
Computer (Desk tops and Laptops)	4

1.6.2 Events after the reporting date

Adjustments to the annual financial statements of the Project are made to reflect adjusting events after the reporting date. Examples of adjusting events include:

- (a) The resolution of a court case after the reporting date owing to a present obligation at the reporting date;
- (b) Information about the impairment of an asset at the reporting date;
- (c) The cost of an asset or proceeds from the sale of an asset become determinable after the reporting date; and
- (d) Fraud or material errors have been discovered.
- (e) No adjustments are made to the amounts recognized in the financial statements of the Project to reflect non-adjusting events after the reporting date.

1.7 Revenue

Non-exchange revenue and receivables.

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Centre for Research in Water Infrastructure and Sustainable Energy Futures
(WISE-FUTURES)**

Revenue from Non-Exchange Transactions occur when an entity receives resources and provides no or nominal consideration directly in return. Revenue from non-exchange transactions are measured at the amount of the increase in

net assets recognized by the entity. Revenues from Non-Exchange Transactions are recognized as follows:

- (i) Subventions, Grants and Assistances: Subvention, Grants and Assistances received from the government and other donors are recognized when they are received by the University and treated as Revenue from non-exchange Transactions.
- (ii) Subvention, grants and assistances received from the government and other donors are recognized when received by the Project and the project has satisfied all of the present obligations related to the inflow. If the University has not satisfied all of the present obligations related to the inflow, then the corresponding asset and revenue are recognized to the extent that a liability is not also recognized; and a liability is recognized to the extent that the present obligations have not been satisfied.
- (iii) The disbursement arrangements for the Project provide that the Annual Plan of Project must be shared by World Bank and the Government of Tanzania, the latter being through counter-part funding. Assessed disbursements from the Centre are recognized at the beginning of the year to which the assessment relates. The revenue is recognized on the basis of the eligible accounted expenditures.

1.8.0 Other Expenditure

In accordance with the accrual basis of accounting, expense recognition occurs at the time of delivery of goods or services by the supplier or service provider. Expenses are recorded and recognized in the financial statements of the periods to which they relate.

NOTE 2.0: CASH AND CASH EQUIVALENTS

The Centre operates three special accounts, two in Foreign (USD) accounts and one in TZS account. Cash and cash balances as at 30th June 2021 represented deposits of USD 1,810,210.37 as follows:

A/C No.	Type of Account	Currency	Banker	30.06.2021	30.06.2021
0250047604209	Special Account	USD	CRDB Plc	1,696,867.12	482,550.67
0150047604200	Special Account	TZS	CRDB Plc	44,149.52	28,524.38
9932445891	Special Account	USD	B.O.T	69,193.73	369,193.73
	TOTAL			1,810,210.37	880,268.78

**Nelson Mandela- African Institution of Science and Technology
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(WISE-FUTURES)**

NOTE 3.0: Receivable from non-exchange transactions

During the year there was no centre receivables, but the previous year receivables was recurring to the current year and it amounted to USD 48,790.49 which represents advances that were issued for planned purposes and were yet to be retired at reporting date.

NOTE 4: PROPERTY PLANT AND EQUIPMENT

Additions during the year:

- i. The Motor Vehicles comprises of Toyota Land Cruiser Prado of USD 76,247.39 for the month of November 2020.
- ii. The Office equipment comprises of office chair purchased in May 2021 at USD 247.03
- iii. The Computer and accessories procured in June 2021 amounting to USD 5,306.54 encompasses of: Heavy HP laptop USD 3,020.27, HP Laptop 340S G7 USD 2,069.73 and UPS of USD 216.54.

Note 4: Property Plant and Equipment 2020/21

Description	Motor Vehicle, Motor Cycles	Office Equipment	Computers Computers	Laboratory Equipments	Total
2020/2021	5 years	10 years	4 years	8 Years	
COST(USD)					
Balance as at 1.7.2020	146,061.90	20,672.39	36,402.38	227,702.09	430,838.76
Additions (Monetary)	76,247.39	247.03	5,306.54	0	81,800.96
COST AS AT 30 TH JUNE 2021	222,309.29	20,919.42	41,708.92	227,702.09	512,639.72
DEPRECIATION					
Open Acc. Depreciation as at 1.7. 2020	56,726.78	4,373.48	19,925.80	30,388.28	111,414.34
Depreciation during the year	38,107.91	2,071.36	9,211.15	28,462.76	77,853.17
Prior year asset	-	-	-	-	-
Acc. Depreciation as at 30.6.2021	94,834.69	6,444.84	29,136.95	58,851.04	189,267.51
NBV as at 30.6.2021	127,474.60	14,474.58	12,571.97	168,851.05	323,372.21

Nelson Mandela- African Institution of Science and Technology
Centre for Research in Water Infrastructure and Sustainable Energy Futures
(WISE-FUTURES)

Property Plant and Equipment 2019/20

Description	Motor Vehicle, Motor Cycles	Laboratory Equipments	Office Equipment	Computers	Total
2019/2020	5 years	8 years	10 years	4 years	
COST					
Balance as at 1.7.2019	68,786.00	7,702.09	11,531.18	21,650.72	109,669.99
Additions (Monetary)	77,275.90		9,141.21	14,751.66	101,168.77
Direct by Donor	-	220,000.00	-	-	220,000.00
Transfers	-		-	-	-
COST AS AT 30 JUNE 2020	146,061.90	227,702.09	20,672.39	36,402.38	430,838.76
DEPRECIATION					
Open Acc. Depreciation as at 1.7. 2019	27,514.40	1,925.52	2,306.24	10,825.21	42,571.37
Depreciation during the year	29,212.38	28,462.76	2,067.24	9,100.59	68,842.97
Impairment	-		-	-	-
Acc. Depreciation as at 30.6.2020	56,726.78	30,388.28	4,373.48	19,925.80	111,414.34
NBV as at 30.6.2020	89,335.12	197,313.81	16,298.91	16,476.42	319,424.42

NOTE 05: DEFERRED GRANT

Deferred amount represents amount that is carried forward to the next financial year as un-utilized and condition has not been satisfied to recognize it as Revenue during the year. Details as follows:

Descriptions	Amount in (USD) 30.06.2021	Amount (USD) 30.06.2020
Cash and Cash Equivalents		
A/c No. 0150047604200 TZS CRDB	44,149.52	28,524.38
A/c No. 0250047604209 USD CRDB	1,696,867.12	482,550.67
A/c No. 9932445891 B.O.T USD	69,193.73	369,193.73
	1,810,210.37	
Total	880,268.78	

**Nelson Mandela- African Institution of Science and Technology
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NOTE 06: Grants Amortization

Grants Amortization involves recognition of the part of grant that satisfies the conditions attached within disbursement guidelines, while deferred amount book a liability to the financial statements for the funds that have not met the conditions. During the year under review project amortized fund amounted to USD 633,480.88 as shown below:

Descriptions	Amount (USD)	Amount (USD)
	30.06.2021	30.06.2020
Opening balance	880,268.78	435,540.00
Received during the year	1,563,422.47	1,273,174.61
Amortized amount	633,480.88	828,445.83
Deferred Grant	1,810,210.37	880,268.78

NOTE 07: Grants Received

Descriptions	Amount in (USD)	Amount in (USD)
	30.06.2021	30.06.2020
World Bank	1,201,176.50	1,019,047.67
Student Fees	611.94	-
BioInnovate Fund	78,114.64	-
IUCEA Fund	19,190.00	-
SOHEADS Fund	41,658.00	-
PASET Fund	62,965.00	-
FORESTATION Fund	50,230.00	-
SUITE Fund	3,817.08	-
Car Hire Income	3,292.54	-
COSTECH Fund	92,786.77	-
IUCEA Stipend Fund	9,580.00	-
Interest	-	9,530.15
Grant sustainable finances	-	244,596.84
Direct Donated Assets	-	220,000.00
TOTAL	1,563,422.47	1,493,174.66

**Nelson Mandela- African Institution of Science and Technology
Centre for Research in Water Infrastructure and Sustainable Energy Futures
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NOTE 08: ACHIEVING LEARNING EXCELLENCE

Review of PASET PhD and other sponsors students' applications and admit student for 2020 academic year paying attention to regional students especially Female applicants. To support ongoing students research activities. During the year under review USD 55,831.48 was spent to cover eligible payments in achieving learning excellence as detailed below:

To achieve Learning excellence

Particulars	Amount (USD) 30.06.2021	Amount (USD) 30.06.2020
Review existing MSc and PhD Programme	498.05	42,586.44
	3,040.28	36,520.26
International accreditation through AQAS for at least two MEWES & COCSE programs		
To enroll 30 MSc students and 6 PhD.		13,493.54
To support ongoing students research activities	49,845.86	20,673.32
Develop new short courses	-	1,094.85
Upgrade existing laboratory facilities	2,447.29	25,102.50
Total Costs	55,831.48	139,470.91

NOTE 9: RESEARCH EXCELLENCE

Total expenditure amounted to USD 32,013.08 as shown below;

Particulars	Amount (USD) 30.06.2021	Amount(USD) 30.06.2020
Develop WISE - Futures centre core business (functions) sustainability strategy	7,286.70	-
Development and construction of additional experimental setup for Energy, Water and Wastewater reuse research and professional training	5,090.49	-
Purchase of two key research equipment material to be installed in the material characterization unit (BET & aFTIR or R-FTIR)	1,552.62	-
Costs for Meeting and Conferences	1,939.52	-
Develop the Institution and Centre Strategic Plan	16,143.76	-
Total Costs	32,013.08	-

**Nelson Mandela- African Institution of Science and Technology
Centre for Research in Water Infrastructure and Sustainable Energy Futures
(WISE-FUTURES)**

NOTE 10: QUALITY ASSURANCE FRAMEWORK

Improving quality assurance falls under objective 3 of the Centre key activity. During the year under review USD 6,481.19 was spent to cover eligible payments under Component III. Key activities under component 3 are stipulated in the Table below;

Quality Assurance		
Particulars	Amount(USD)	Amount(USD)
	30.06.2021	30.06.2020
Support the Establishing Quality Assurance Unit		166.45
Centre performance evaluation	3,966.85	-
Support of Centre evaluation activities	842.6	-
Training of QA/M&E staff	1,671.72	-
Total Costs	6,481.19	166.45

NOTE 11: EQUITY DIMENSION

Equity Dimension costs are eligible payments in developing special pre-entry and capacity building Programme for special groups (inclusive females), Enrolment drive campaign for special group, Supporting the construction of Hostels for Female Students and WISE FUTURES

Centre Marketing on Equity Issues. During the year under review USD 8,511.64 was spent to cover eligible payments for Equity Dimension Costs as follows:

Particulars	Amount (USD)	Amount (USD)
	30.06.2021	30.06.2020
Enrolment drive campaign for special group	2,403.64	-
Supporting the construction of Hostels	6,108.00	-
WISE FUTURES Centre Marketing on Equity Issues		500.00
Total Costs	8,511.64	500.00

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NOTE 12: ATTRACTING REGIONAL ACADEMIC STAFF AND STUDENTS

During the year under review the Centre spent a total amount of USD 19,464.15 as follows.

Attracting Regional Academic Staff and Students

Particulars	Amount(USD) 30.06.2021	Amount(USD) 30.06.2020
Establish Centre website	517.85	1,124.71
To participate in various events to promote the University/Centre (Collaboration visits to partners in the EAC region)	4,274.58	-
Participate in education fair	1,469.03	-
Market research and promotion of Centre activities in the region	13,202.69	-
Total Costs	19,464.15	1,124.71

NOTE 13: ENGAGING NATIONAL AND REGIONAL ACADEMIC PARTNERS

In financial year 2020/21 outbreak of COVID-19 affected travels enhance the engagement of national and regional academic partners

Engaging National and Regional Academic Partners

Particulars	Amount(USD) 30.06.2021	Amount(USD) 30.06.2020
Engage guest lecturers from partners		-
Facilitate and promote Students co-supervision with partners	-	16,191.80
Total Costs		16,191.80

NOTE 14: ATTRACTING NATIONAL AND REGIONAL SECTOR PARTNERS

In financial year 2020/21 total amount of USD 18,388.31 was spent to cover eligible payments enhancing the Attracting National and Regional Sector Partners as detailed below:

Attracting National and Regional Sector Partners

Particulars	Amount(USD) 30.06.2021	Amount(USD) 30.06.2020
Increase the number of National and regional sector partners	1,786.87	16,287.42
Joint research and outreach activities		-
Facilitate Partnership meetings for National and regional	1,935.47	2,733.83
Research Activities with Industrial partners	4,711.45	-
Mentorship and leadership workshop	9,954.52	-
Total Costs	18,388.31	19,021.25

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NOTE 15: INTERNATIONAL ACADEMIC COLLABORATION

In financial year 2020/21 total amount of USD 4,303.73 was spent to cover eligible payments in enhancing International academic collaboration as detailed below:

International academic collaboration

Particulars	Amount(USD)	Amount(USD)
	30.06.2021	30.06.2020
To facilitate in student supervision costs	1,296.67	486.15
To facilitate in Teaching costs	2,828.63	41,350.17
To facilitate faculty and student exchange Programme with International Partners	178.43	1,337.07
Total Costs	4,303.73	43,173.38

NOTE 16: CENTRE MANAGEMENT AND GOVERNANCE

In financial year 2020/21 total amount of USD 224,363.12 was spent to cover eligible payments enhancing Centre Management and Governance as detailed below:

Centre Management and Governance

Particulars	Amount(USD)	Amount(USD)
	30.06.2021	30.06.2020
Establishment of Centre management and governance	116,371.56	121,551.01
Establish and operationalize Centre leadership and management	86,511.54	117,215.77
Establishment of Skills improvement platform (Biogas Energy systems)	16,878.41	5,184.94
To facilitate training of Institution and Centre support staff	2,689.53	12,423.28
To Facilitate National Steering Committee Meetings	1,912.08	1,132.00
Internal reports and external Audits		5,000.00
Total Costs	224,363.12	262,507.00

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NOTE 17: SUSTAINABLE FINANCING

In financial year 2020/21 total amount of USD 112,656.70 was spent to cover eligible payments enhancing Sustainable Financing as detailed below:

Sustainable Financing		
Particulars	Amount(USD)	Amount(USD)
	30.06.2021	30.06.2020
Support delivery of short courses	3,497.62	-
Support MSc/PhD students to apply for additional funding		-
To facilitate costs related to proposal writing		5,233.91
Preparation of WISE Futures sustainability strategy	14,531.1	-
Consultation with local (Government and Non-Government) and international development agencies (Embassies, Banks, ODAs) for soliciting funds	1,654.73	-
Operationalization of the Cabin Filter Machine	13,467.19	-
Development of Prepaid Water System	17,567.55	-
To conduct Needs Assessment for Professional Development Trainings and prepare modules for short courses (MEWES/NM-AIST)	1,841.59	7,898.28
Maintenance of the Water and Energy Laboratory and bottling	739.28	-
Equipment for Centre Digital Education (C-CoDE) and radio station	48,201.3	-
Establish Centre studio and conduct outreach activities	1,589.43	2,585.53
Costs for facilitating R&D Centre establishment	9,566.91	-
Total Costs	112,656.70	15,717.72

NOTE 18: MONITORING AND EVALUATION

In financial year 2020/21 total amount of USD 27,070.59 was spent to cover eligible payments enhancing Monitoring and Evaluation as detailed below:

Monitoring and Evaluation		
Particulars	Amount (USD)	Amount (USD)
	30.06.2021	30.06.2020
Support establishment of monitoring and evaluation unit		-
Centre reports	8,042.44	3,563.00
Develop Project Management System software for Monitoring project performance	4,569.07	-
Paying Annual CAG audit Fees	1,781.29	-
M& E Logistics at Centre and travel costs for regional ACE II Meetings	2,143.69	-
Technical Advisory Meetings (TAM) and other related costs	8,108.81	-

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To support with travel related costs to Partner Institutions (Per diems, Accommodation, Airfares/Public Transport)	2,425.29	-
Total Costs	27,070.59	3,563.00

NOTE 19: PROJECT EXPENSES

In financial year 2020/2021 total amount of USD 42,596.31 was payments for the Projects hosted within the Centre as shown below:

Project Expenses	Amount in USD	Amount in USD
	30.06.2021	30.06.2020
Palladium Group of Tanzania	2,976.09	40,994.06
SNV Wash SGD	-	28,874.99
Biolnnovate Project	5,616.23	26,835.81
COSTECH	9,834.13	21,121.74
T2GS	1,671.72	-
IUCEA	4,800.00	27,691.74
SUITE Project	1,038.78	-
FORESTATION Project	14,359.33	-
PASET Project	2,300.03	31,532.00
TOTAL	42,596.31	177,050.34