



THE UNITED REPUBLIC OF TANZANIA

NATIONAL AUDIT OFFICE



NELSON MANDELA AFRICAN INSTITUTION OF SCIENCE AND TECHNOLOGY

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

**REPORT OF THE CONTROLLER AND AUDITOR GENERAL ON THE FINANCIAL
AND COMPLIANCE AUDIT FOR THE FINANCIAL YEAR ENDED 30 JUNE, 2023**

**Controller and Auditor General,
National Audit Office,
Audit House,
4 Ukaguzi Road,
P.O. Box 950,
41101 Tambukareli,
Dodoma, Tanzania.
Tel: 255 (026) 2161200,
Fax: 255 (026) 2117527,
E-mail: ocag@nao.go.tz
Website: www.nao.go.tz**

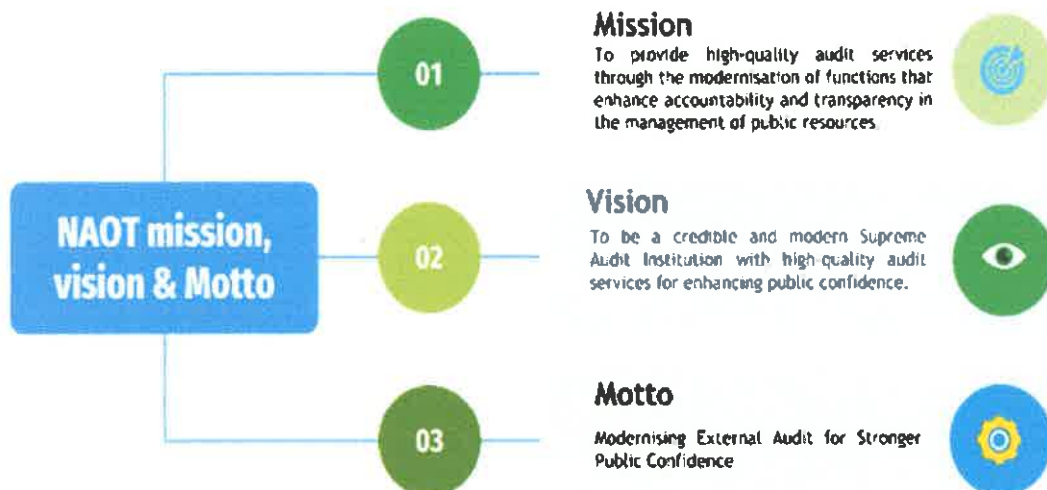
December 2023

AR/CG/NM-AIST/WISE-FUTURES/2022/23

About the National Audit Office

Mandate

The statutory mandate and responsibilities of the Controller and Auditor-General are provided for under Article 143 of the Constitution of the United Republic of Tanzania of 1977 and in Section 10 (1) of the Public Audit Act, Cap 418[R.E 2021]



Independence and objectivity

We are an impartial public institution, independently offering high-quality audit services to our clients in an unbiased manner.

Teamwork Spirit

We value and work together with internal and external stakeholders.

Results-Oriented

We focus on achievements of reliable, timely, accurate, useful, and clear performance targets.



Professional competence

We deliver high-quality audit services based on appropriate professional knowledge, skills, and best practices

Integrity

We observe and maintain high ethical standards and rules of law in the delivery of audit services.

Creativity and Innovation

We encourage, create, and innovate value-adding ideas for the improvement of audit services.

© This audit report is intended to be used by NM-AIST for WISE-Futures project and may form part of the annual general report, once the report submitted to the World Bank they might be shared and become public document; hence, its distribution may not be limited.

TABLE OF CONTENTS

Abbreviations	iv
1.0 INDEPENDENT REPORT OF THE CONTROLLER AND AUDITOR GENERAL	1
1.1 REPORT ON THE AUDIT OF FINANCIAL STATEMENTS	1
1.2 REPORT ON COMPLIANCE WITH LEGISLATIONS.....	4
2.0 FINANCIAL STATEMENTS.....	5

Abbreviations

ACE	Africa Centre of Excellence
BUSH	Business Studies and Humanities
CAG	Controller and Auditor General
CoCSE	Computational and Communication Science and Engineering
DLIs	Disbursement Linked Indicators
DLRs	Disbursement Linked Results
ERB	Engineers Registration Board
IPSAS	International Public Sector Accounting Standards
ISSAIs	International Standard of Supreme Audit Institutions
MEWES	Material, Energy, Water, and Environmental Science
NGOs	Non-Government Organizations
PAA	Public Audit Act
PAC	Public Accounts Committee
PASET	Partnership for Skills in Applied Sciences, Engineering and Technology
PAR	Public Audit Regulation
PFA	Public Finance Regulations
PPA	Public Procurement Act
PPR	Public Procurement Regulations
NM-AIST	Nelson Mandela African Institution of Science and Technology
STEM	Science, Technology Engineering and Mathematics
TCU,	Tanzania Commission of Universities.
WISE	Centre of Excellence in Water Infrastructure and Sustainable Energy

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

Unqualified Opinion

I have audited the financial statements of the Centre of Excellence in Water Infrastructure and Sustainable Energy (WISE-Futures), which comprise the statement of financial position as at 30 June 2023, and the statement of financial performance, the 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 the Centre of Excellence in Water Infrastructure and Sustainable Energy as at 30 June 2023, and its financial performance and its cash flows for the year that ended in accordance with International Public Sector Accounting Standards (IPSAS) Accrual basis of accounting and the manner required by the Public Finance Act, Cap. 348.

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 section below entitled "Responsibilities of the Controller and Auditor General for the Audit of the Financial Statements". I am independent of the Centre of Excellence in Water Infrastructure and Sustainable Energy 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.

Key Audit Matters

Key audit matters are those matters that, in my professional judgment, were of most significance in my audit of the financial statements of the current period. I have determined that there are no key audit matters to communicate in my report.

Other Information

Management is responsible for the other information. The other information comprises the Vice Chancellor's, statement of management responsibility and Declaration by the Head of Finance but does not include the financial statements

and my audit report thereon which I obtained prior to the date of this auditor's report.

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; and
- 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 of such communication.

In addition, Section 10 (2) of the Public Audit Act, Cap 418 [R.E 2021] 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, Cap 410 [R.E 2022] 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

1.2.1 Compliance with the Public Procurement laws

Subject matter: Compliance audit on procurement of works, goods, and services
I performed a compliance audit on the procurement of works, goods, and services in the Centre of Excellence in Water Infrastructure and Sustainable Energy for the financial year 2022/23 as per the Public Procurement laws.

Conclusion

Based on the audit work performed, I state that procurement of goods, works and services of Centre of Excellence in Water Infrastructure and Sustainable Energy is generally in compliance with the requirements of the Public Procurement laws in Tanzania.

1.2.2 Compliance with the Budget Act and other Budget Guidelines

Subject matter: Budget formulation and execution

I performed a compliance audit on budget formulation and execution in the Centre of Excellence in Water Infrastructure and Sustainable Energy for the financial year 2022/23 as per the Budget Act and other Budget Guidelines.

Conclusion

Based on the audit work performed, I state that the Budget formulation and execution of the Centre of Excellence in Water Infrastructure and Sustainable Energy is generally in compliance with the requirements of the Budget Act and other Budget Guidelines.



Charles E. Kichere
Controller and Auditor General,
Dodoma, United Republic of Tanzania

31 December, 2023



**NELSON MANDELA INSTITUTION OF SCIENCE AND TECHNOLOGY
CENTRE FOR WATER INFRASTRUCTURE AND SUSTAINABLE ENERGY
FUTURES (WISE FUTURES)**

2.0 FINANCIAL STATEMENTS

2.1 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.

2.2 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 30 June 2023. 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 256 Masters, 103 PhD students, and 181 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.

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 regional partnership (universities, private sector, and NGOs). To address the gender

**NELSON MANDELA INSTITUTION OF SCIENCE AND TECHNOLOGY
CENTRE FOR WATER INFRASTRUCTURE AND SUSTAINABLE ENERGY
FUTURES (WISE FUTURES)**

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 grant 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.

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

2.3.1 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 four-years and half year 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).

2.3.2 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 2022 managed to enroll a total of 490 students, 330 MSc and 160

**NELSON MANDELA INSTITUTION OF SCIENCE AND TECHNOLOGY
CENTRE FOR WATER INFRASTRUCTURE AND SUSTAINABLE ENERGY
FUTURES (WISE FUTURES)**

PhD. The Centre through PASET is continue offering Regional Scholarship opportunities and 17 PhD students are doing their PhD studies at NM-AIST.

2.3.3 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.

3.0 ACCREDITATION OF ACADEMIC PROGRAMS

The WISE-Futures facilitated the development and strengthening of 17 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 waiting for the program accreditation feedback from TCU.

4.0 ACHIEVING LEARNING EXCELLENCE

4.1 International Accreditation of Programmes

The Centre submitted three (3) Programmes to the Agency for Quality Assurance through Accreditation of Study Programmes (AQAS, Germany). One program was rejected (MSc in Embedded Mobile System) after submission as it was not meeting international standards. The other two came with corrections which were handled and re-submitted. Currently, the Centre is waiting for the program accreditation feedback from AQAS.

**NELSON MANDELA INSTITUTION OF SCIENCE AND TECHNOLOGY
CENTRE FOR WATER INFRASTRUCTURE AND SUSTAINABLE ENERGY
FUTURES (WISE FUTURES)**

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

- (i) TBS and NM-AIST legal team finalized the discussion on the operationalization of the cabin filter testing machine.
- (ii) The Centre facilitated the whole exercise and the testing started in the year 2022 after the mutual implementation committee meets and discuss the implementation strategy.
- (iii) This is the milestone for Centre sustainability as it generates income for both parties as agreed in the MoU.

5.2 Nelson Mandela Radio Station

- (i) The Centre has successfully been granted permission to establish a radio station and the building is currently under final renovation.
- (ii) The radio equipment has been purchased; some of them have been installed, few are waiting for the other work in progress to be installed.

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

- (i) 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.
- (ii) 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 Korean Exim Bank for further action.
- (iii) Along the same line, on Environmental Impact Assessment (EIA) for the R&D facility, the Centre got the EIA certificate from National Environmental Management Council (NEMC).

6.0 WISE-FUTURES COLLABORATIONS & PARTNERSHIP

The Center has more than 23 Memorandum of Understandings (MoUs) entered from 2017 to June 2023. 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

**NELSON MANDELA INSTITUTION OF SCIENCE AND TECHNOLOGY
CENTRE FOR WATER INFRASTRUCTURE AND SUSTAINABLE ENERGY
FUTURES (WISE FUTURES)**

course development and teaching, Student internship and attachment, Workshops, and Conferences.

7.0 CENTRE SUSTAINABILITY

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

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

8.0 CENTRE FINANCING

The mode of financing of the Centre and its disbursement is based on the achievement of the agreed DLIs. The sixth and seventh disbursement was received in January and June 2023 respectively. The Center has managed to trigger a total amount of USD 472,000 from DLR 2.2 on newly enrolled students in the ACE of which at least 20% must be regional students, DLR 2.6 on Faculty and PhD student exchanges to promote regional research and teaching collaborations, DLI 3 (DLR 3.1,3.2,3.3 and 3.4) on timely, transparent, and institutional reviewed financial management and DLR 4.2 on Timely and satisfactory procurement progress report.

9.0 FINANCIAL MANAGEMENT AND DISBURSEMENT

The WISE-Futures Centre has now reached 92% of DLI achievement. During the year under review WISE-Futures received a total of USD 1,063,373 for the implementation of various activities outlined in the Implementation Plan. So far, the Centre has received USD 4,963,058. DLI 4 for Procurement is under review prior submission to World Bank basing on verification as well as PPRA auditing.

**NELSON MANDELA INSTITUTION OF SCIENCE AND TECHNOLOGY
CENTRE FOR WATER INFRASTRUCTURE AND SUSTAINABLE ENERGY
FUTURES (WISE FUTURES)**

10.0 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.

11.0 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.

12.0 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.

13.0 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).

**NELSON MANDELA INSTITUTION OF SCIENCE AND TECHNOLOGY
CENTRE FOR WATER INFRASTRUCTURE AND SUSTAINABLE ENERGY
FUTURES (WISE FUTURES)**

14.0 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, Public Finance Act 2001 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(amended in 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. Maulilio J. Kipanyula
Vice Chancellor
Date 31.12.2023


.....
Dr. Hans C. Komakech
Centre leader
Date 31/12/2023

**NELSON MANDELA INSTITUTION OF SCIENCE AND TECHNOLOGY
CENTRE FOR WATER INFRASTRUCTURE AND SUSTAINABLE ENERGY
FUTURES (WISE FUTURES)**

15.0 DECLARATION OF THE HEAD OF FINANCE AND ACCOUNTANTS

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 Centre Management in discharging 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 the Management Responsibility statement on an earlier page.

I ACPA Malulu Peter Malulu 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 2023 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 Centre of Excellence in Water Infrastructure and Sustainable Energy as on that date and that they have been prepared based on properly maintained financial records.

Signed by: 

Position: Ag. FINANCE MANAGER

NBAA Membership No.: ACPA 2381

Date: 31.12.2023

16.0 COMMENTARY ON THE FINANCIAL STATEMENTS FOR THE YEAR ENDED 30 JUNE 2023

16.1 Receipts

During the Financial year 2022/23 the Centre received USD 1,063,373 compared to USD 1,736,496.5 received in the prior year. The decline can be attributed to the insufficient attainment of Disbursement Linked Indicators, which failed to meet the criteria necessary for initiating the funding of the Centre's activities

16.2 Expenses

During the Financial year 2022/23 the Centre incurred expenses amounting to USD 1,524,720.65 compared to USD 1,870,571.45 in the financial year 2021/22. The decline can be attributed to the insufficient attainment of Disbursement Linked Indicators, which failed to meet the criteria necessary for initiating the funding of the Centre's activities

16.3 Cash and Cash Equivalents

As of 30 June, 2023, the Centre had a balance of Cash and Cash Equivalent amounting to USD 1,354,276 compared to USD 1,649,984.97 in the previous financial year. The decrease can be attributed to the insufficient attainment of Disbursement Linked Indicators, which failed to meet the criteria necessary for initiating the funding of the Centre's activities

16.4 Property, Plant, and Equipment

As at 30 June 2023, the Centre had Property Plant and Equipment amounting to USD 232,674 compared to USD 286,925.45 in the previous financial year. The decrease can be attributed to the insufficient attainment of Disbursement Linked Indicators, which failed to meet the criteria necessary for initiating the funding of the Centre's activities

16.5 Budget

During the financial year 2022/23 the Centre had a budget of USD 1,822,648.00 of which USD 1,063,373 was received. The decrease can be attributed to the insufficient attainment of Disbursement Linked Indicators, which failed to meet the criteria necessary for initiating the funding of the Centre's activities.

17.0 CORPORATE GOVERNANCE

WISE-Futures are 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.

**NELSON MANDELA INSTITUTION OF SCIENCE AND TECHNOLOGY
CENTRE FOR WATER INFRASTRUCTURE AND SUSTAINABLE ENERGY
FUTURES (WISE FUTURES)**

18 BANKER

CRDB Bank Plc, Usa River Branch,
P.O. Box 355,
ARUSHA - TANZANIA.

19.0 AUTHORIZATION DATE

The financial statements were submitted to the Controller and Auditor General (CAG) on 30 August 2023 for Auditing. The Financial Statements will be authorized for Issue on 31 December 2023



Prof. Maulilio J. Kipanyula
Vice Chancellor-NM-AIST

Date 31/12/2023



Prof. Hans C Komakech
Centre leader

Date 31/12/2023

**NELSON MANDELA INSTITUTION OF SCIENCE AND TECHNOLOGY
CENTRE FOR WATER INFRASTRUCTURE AND SUSTAINABLE ENERGY
FUTURES (WISE FUTURES)**

20.0 LIST OF GOVERNMENT CIRCULARS USED IN PREPARATION OF FINANCIAL STATEMENTS

The Financial statements for the financial year ended 30 June 2023, adhered to mandated changes as issued by Government through circulars,

- (i) Circular No. 12 of 2015/2016 “application of proper standards for preparation of financial statements”
- (ii) Circular No. 03 of 2015/2016 “accounting Circular No. 03 of 2015/2016 closure of Accounts for the financial year 2015/2016.
- (iii) 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.
- (iv) 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.
- (v) Circular No. 06 of 2021/2022 “accounting Circular No. 06 on the preparations of financial reports and closure of the financial year ending 30 June 2022.
- (vi) Circular No. 07 of 2022/23 “accounting Circular No. 07 on the preparations of financial reports and closure of the financial year ending 30 June 2023.

21.0 LIST OF FINANCIAL STATEMENTS PREPARED FOR THE FINANCIAL YEAR ENDED 30 JUNE, 2023

- (i) Statement of Financial Positions as at 30 June 2023.
- (ii) Statement of Financial Performance for the year ended 30 June 2023.
- (iii) Statement of Cash Flows for the year ended 30 June 2023.
- (iv) Statement of Changes in Net Assets for the year ended 30 June 2023.
- (v) Statement of comparison of budget versus actual amount for the year ended 30 June 2023.


**NELSON MANDELA INSTITUTION OF SCIENCE AND TECHNOLOGY
CENTRE FOR WATER INFRASTRUCTURE AND SUSTAINABLE ENERGY
FUTURES (WISE FUTURES)**

22.0 STATEMENT OF FINANCIAL POSITION AS AT 30 JUNE 2023

		2023	2022
	Note	USD	USD
ASSETS			
Current Asset			
Cash and Cash Equivalents	2	1,354,276	1,649,984.97
Receivables	3	0	111,387.20
Total Current Asset		1,354,276	1,761,372.17
Non-Current Asset			
Property, Plant and Equipment	4	232,674	286,925.45
Total Non-Current Asset		232,674	286,925.45
TOTAL ASSETS		1,586,950	2,048,297.62
LIABILITIES			
Current Liabilities			
Deferred Grant	8	1,354,275.55	1,649,985.97
Total Liabilities		1,354,275.55	1,649,984.97
Net of Total Assets and Total Liabilities		232,674.45	398,312.65
NET ASSETS			
Accumulated Surpluses		232,674.45	398,312.65
TOTAL NET ASSETS		232,674.45	398,312.65



 Prof. Maulilio J. Kipanyula
 Vice Chancellor
 Date 31.12.2023



 Dr. Hans C. Komakech
 Centre leader
 Date 31/12/2023


**NELSON MANDELA INSTITUTION OF SCIENCE AND TECHNOLOGY
CENTRE FOR WATER INFRASTRUCTURE AND SUSTAINABLE ENERGY
FUTURES (WISE FUTURES)**

**23.0 STATEMENT OF FINANCIAL PERFORMANCE FOR THE YEAR ENDED 30
JUNE 2023**

REVENUE		2023	2022
Revenue from non-exchange transactions	NOTE	USD	USD
Amortized revenue (Recurrent grant)	6	1,324,757.42	1,843,583.07
Amortized revenue (Capital grant)		34,325.00	53,138.33
Total Revenue		1,359,082.42	1,896,721.40
EXPENSES			
Achieving learning Excellence	8	44,448.28	49,653.07
Research excellence	9	13,333.33	25,426.59
Quality assurance framework	10	5,551.72	7,015.40
Equity Dimensions	11	9,913.79	24,900.00
Attracting Regional Academic Staff and Students	12	14,443.43	28,478.63
Engaging National and Regional Academic Partners	13	37,004.31	36,192.15
Attracting National and Regional Sector Partners	14	16,666.67	30,142.55
International academic collaboration	15	20,000.00	10,851.58
Centre Management and Governance	16	324,517.90	423,250.43
Sustainable Financing	17	122,887.58	265,340.91
Monitoring and Evaluation	18	27,227.70	111,790.35
Project Expenses	19	800,149.94	767,944.72
Depreciations	04	88,576.00	89,585.07
Total Expenses		1,524,720.65	1,870,571.45
(Deficit)/Surplus for the year		(165,638.23)	26,149.95




.....
Prof. Maulilio J. Kipanyula
Vice Chancellor

Date.....


.....
Dr. Hans C. Komakech
Centre leader
Date.....31/12/2023

**NELSON MANDELA INSTITUTION OF SCIENCE AND TECHNOLOGY
CENTRE FOR WATER INFRASTRUCTURE AND SUSTAINABLE ENERGY
FUTURES (WISE FUTURES)**

24.0 CASH FLOW STATEMENT FOR THE YEAR ENDED 30 JUNE 2023

Cash flow from Operating activities	2023 USD	2022 USD
Receipt		
Grant - Received	1,063,373	1,736,496.50
Total Receipts	1,063,373	1,736,496.50
Payments		
Achieving learning Excellence	44,448.28	49,653.07
Research Excellence	13,333.3	25,426.59
Quality assurance	5,551.72	7,015.40
Equity Dimensions	9,913.79	24,900.00
Attracting Regional Academic Staff and Students	14,443.43	28,478.63
Engaging National and Regional Academic Partners	37,004.31	36,192.15
Attracting National and Regional Sector Partners	16,666.67	30,142.55
International academic collaboration	20,000.00	60,504.65
Center Management and Governance	213,130.70	423,250.43
Sustainable Financing	122,887.58	265,340.91
Monitoring and Evaluation	27,227.70	111,790.35
Project Expenses	800,149.94	780,882.20
Total Payments	1,324,757.42	1,843,582.93
Net Cash flows from Operating activities	(261,384.00)	(107,087.12)
Cash flows from Investing Activities		
Purchase of property Plant and Equipment	(34,325.00)	(53,138.33)
Net Cash flows from Investing Activities	(34,325.00)	(53,138.33)
Cash flows from financing activities		
Development Grants Received	-	-
Net Cash flows from financing Activities	-	-
Net Increase in cash and cash equivalents	(295,709)	(160,225.45)
Cash and Cash equivalents at beginning of period	1,649,984.97	1,810,210.42
Cash and Cash equivalents at the end of period	1,354,276.00	1,649,984.97
 Prof. Maulilio J. Kipanyula Vice Chancellor	 Dr. Hans C. Komakech Centre leader	
Date.....	Date 31/12/2023	

**NELSON MANDELA INSTITUTION OF SCIENCE AND TECHNOLOGY
CENTRE FOR WATER INFRASTRUCTURE AND SUSTAINABLE ENERGY
FUTURES (WISE FUTURES)**

25.0 STATEMENT OF CHANGES IN NET ASSETS FOR THE YEAR ENDED 30 JUNE 2023


Current Period	Accumulated-Surplus USD	Total Amount USD
Net Asset as at 1 July 2022	398,312.65	398,312.65
Deficit for the year	(165,638.23)	(165,638.23)
Net Asset as at 30 June 2023	232,674.45	232,674.45

Comparative Period	Accumulated-Surplus USD	Total Amount USD
Net Asset as at 1 July 2021	372,162.70	372,162.70
Surplus for the year	26,149.95	26,149.95
Net Asset as at 30 June 2022	398,312.65	398,312.65



 Prof. Maulilio J. Kipanyula
 Vice Chancellor

Date.....



 Dr. Hans C. Komakech
 Centre leader
 Date 31/12/2023

**NELSON MANDELA INSTITUTION OF SCIENCE AND TECHNOLOGY
CENTRE FOR WATER INFRASTRUCTURE AND SUSTAINABLE ENERGY
FUTURES (WISE FUTURES)**

**26.0 STATEMENT OF COMPARISON OF BUDGET AND ACTUAL AMOUNTS FOR THE YEAR
ENDED 30 JUNE 2023**

	Original Budget 2023	Final Budget 2023	Actual on Comparable Basis	Performance Difference	Percentage	Note 20
Receipts						
Grants	1,822,648.00	1,822,648.00	228,486.00			
Other Revenue			1,963.00			
Other Donor Grants	-	-	832,925.00			
Total Grants	1,822,648.00	1,822,648.00	1,063,374.00	759,648.00	42%	(i)
Payments						
Achieve learning excellence	52,600.00	52,600.00	44,448.28	8,151.72	15%	(ii)
Research Excellence	65,515.00	65,515.00	13,333.33	52,181.70	80%	(iii)
Quality Assurance	11,000.00	11,000.00	5,551.72	5,448.28	50%	(iv)
Equity Dimension	76,000.00	76,000.00	9,913.79	66,086.21	87%	(v)
Attracting academic staff and students from the region	40,000.00	40,000.00	14,443.43	25,556.57	64%	(vi)
National and Regional academic partners	40,000.00	40,000.00	37,004.31	2,995.69	7%	(vii)
National and regional sector partners	32,000.00	32,000.00	16,666.67	15,333.33	48%	(viii)
Collaboration with international academic partners	25,000.00	25,000.00	20,000.00	5,000.00	20%	(ix)
Management and Governance	226,000.00	226,000.00	213,130.70	12,869.30	6%	(x)
Sustainable Financing	123,500.00	123,500.00	122,887.58	612.42	0%	(xi)
Monitoring and Evaluation	36,000.00	36,000.00	27,227.70	8,772.30	24%	(xii)
Other Project expenses	799,048.00	799,048.00	800,149.94	1,101.94	0%	(xiii)
Purchase of PPE	295,985.00	295,985.00	34,325.00	261,660.00	88%	(xiv)
Total Payments	1,822,648.00	1,822,648.00	1,359,082.45			
Net of Receipts	-	-	- 295,708.45			

.....
Prof. Maulilio J. Kipanyula
Vice Chancellor

Date.....

.....
Dr. Hans C. Komakech
Centre leader

Date..... 31/12/2023


**NELSON MANDELA INSTITUTION OF SCIENCE AND TECHNOLOGY
CENTRE FOR WATER INFRASTRUCTURE AND SUSTAINABLE ENERGY
FUTURES (WISE FUTURES)**

**27.0 RECONCILIATION OF NET CASH FLOWS FROM OPERATING ACTIVITIES TO SURPLUS/
(DEFICIT) FOR THE YEAR ENDED 30 JUNE 2023**

	2023 USD	2022 USD
Surplus/(Deficit)	(165,638.23)	26,149.95
Non-Cash Movements		
Depreciations	88,576 .00	89,585.07
(Decrease) deferred	(295,709.00)	(160,225.40)
(Increase)/Decrease in Receivables	111,387.20	(62,596.74)
Net cash flows from operating activities	(261,384)	(107,087.12)


.....
Prof. Maulilio J. Kipanyula
Vice Chancellor

Date 31.12.2023


.....
Dr. Hans C. Komakech
Centre leader

Date 31/12/2023

28.0 NOTES TO THE FINANCIAL STATEMENTS

28.1 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.

28.2 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.

28.3 Reporting Period

Financial statements have been prepared to cover for the period of twelve (12) months from 1 July 2022 to 30 June, 2023. 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 30 June, 2023.

28.4 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 2023.

28.5 Functional and presentation currency

The Financial Statements have been prepared and presented in United State Dollar (USD) as both Functional and Presentation currency.

28.6.0 SIGNIFICANT ACCOUNTING POLICIES

28.6.1 Property, Plant and Equipment

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

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.

**NELSON MANDELA INSTITUTION OF SCIENCE AND TECHNOLOGY
CENTRE FOR WATER INFRASTRUCTURE AND SUSTAINABLE ENERGY
FUTURES (WISE FUTURES)**

(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 depreciateThe asset economic life is projected in ranges as follows;

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

28.6.2 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.

28.7 Revenue

28.7.1 Non-exchange revenue and receivables.

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 is 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.

**NELSON MANDELA INSTITUTION OF SCIENCE AND TECHNOLOGY
CENTRE FOR WATER INFRASTRUCTURE AND SUSTAINABLE ENERGY
FUTURES (WISE FUTURES)**

- (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.

28.8. 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 two special accounts, one in a Foreign (USD) account and one in a TZS account. Cash and cash balances as at 30 June 2023 represented deposits of **USD 1,354,276** as follows: The balance in CRDB TZS Account was translated at BOT closing rate of USD/TZS 2,339.10 as at 30 June 2023.

A/C No.	Type of Account	Currency	Banker	30.06.2023	30.06.2022
0250047604209	Special Account	USD	CRDB Plc	1,218,767.75	1,471,736.50
0150047604200	Special Account	TZS	CRDB Plc	135,508.10	178,248.47
Total				1,354,275.85	1,649,984.97

NOTE 3.0: Receivable from non-exchange transactions

Receivables:		2023	2022
		Amount USD	Amount USD
Imprest		0	111,387.20

**NELSON MANDELA INSTITUTION OF SCIENCE AND TECHNOLOGY
CENTRE FOR WATER INFRASTRUCTURE AND SUSTAINABLE ENERGY
FUTURES (WISE FUTURES)**

NOTE 4.0: PROPERTY PLANT AND EQUIPMENT

DESCRIPTION	MOTOR VEHICLE, MOTOR CYCLES	OFFICE EQUIPMENT	COMPUTERS	LABORATORY EQUIPMENTS	TOTAL
2022/2023	5 years	10 years	4 years	8 Years	
COST					
Balance as at 1.7.2022	222,309.29	68,712.47	47,054.19	227,702.09	565,778.04
Additions (Monetary)	-	34,325.00			
COST AS AT 30JUNE 2023	222,309.29	103,037.47	47,054.19	227,702.09	600,103.43
DEPRECIATION					
Open Acc. Depreciation as at 1.7. 2022	139,296.55	12,121.26	40,120.98	87,313.80	278,852.59
Depreciation during the year	44,461.86	8,718.87	6,933.21	28,462.76	88,576
Acc. Depreciation as at 30.6.2023	183,758.41	20,840	47,054.19	115,776.56	367,429
NBV as at 30.6.2023	38,550.88	82,138	0	111,925.53	232,674

PPE-2021/22

DESCRIPTION	MOTOR VEHICLE, MOTOR CYCLES	OFFICE EQUIPMENT	COMPUTERS	LABORATORY EQUIPMENTS	TOTAL
2021/2022	5 years	10 years	4 years	8 Years	
COST					
Balance as at 1.7.2021	222,309.29	20,919.42	41,708.92	227,702.09	512,639.72
Additions (Monetary)	-	47,793.05	5,345.27		53,138.33

**NELSON MANDELA INSTITUTION OF SCIENCE AND TECHNOLOGY
CENTRE FOR WATER INFRASTRUCTURE AND SUSTAINABLE ENERGY
FUTURES (WISE FUTURES)**

COST AS AT 30 JUNE 2022	222,309.29	68,712.47	47,054.19	227,702.09	565,778.04
DEPRECIATION					
Open Acc. Depreciation as at 1.7. 2021	94,834.69	6,444.84	29,136.95	58,851.04	189,267.52
Depreciation during the year	44,461.86	5,676.24	10,984.03	28,462.76	89,585.07
Acc. Depreciation as at 30.6.2022	139,296.55	12,121.26	40,120.98	87,313.80	278,852.59
NBV as at 30.6.2022	83,012.74	56,591.21	6,933.21	140,388.29	286,925.45

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 1,359,082.00** as shown below:

Descriptions	Amount (USD) 30.06.2023	Amount (USD) 30.06.2022
Opening balance	1,649,984.97	1,810,210.37
Received (Note 7)	1,063,373.00	1,736,496.50
Amortized amount	1,359,082.42	1,896,721.40
Deferred Grant	1,354,275.55	1,649,984.97

NOTE 07: GRANTS RECEIVED

Descriptions	Amount in (USD)	Amount in (USD)
	2023	2022
World Bank	197,192.00	1,234,944.87
Interest Income	31,294.03	
Bio Innovate Fund		12,460.57
Car Hire Income	898.84	
Receipts from ACE II	4,322.24	

**NELSON MANDELA INSTITUTION OF SCIENCE AND TECHNOLOGY
CENTRE FOR WATER INFRASTRUCTURE AND SUSTAINABLE ENERGY
FUTURES (WISE FUTURES)**

Tanzania Bureau of Standard (Material Testing)	1,396.11	
Farm products	216.78	
IAEA Fund		4,387.15
FCDO Income		174,863.12
MUM Fund	136,487.86	112,820.25
EXAF-JFD Fund	99,489.85	127,718.76
ICIPE-RSIF Scholarship Grant Funds	242,339.20	61,222.00
NORPART PARTNERSHIP		8,079.78
INTERNATIONAL ATOMIC ENERGY Project Funds	4,074.20	
AGRO-VAL PROJECT	211,134.43	
HDIF PROJECT	8,055.79	
UNIVERSITY OF PRETORIA	147.00	
ALL 4 WASH PROJECT	7,597.91	
BIOINNOCULANT PROJECT	26,933.00	
UNESCO OWSD	16,487.50	
Other Project - Receipt in deposit general	75,306.26	
TOTAL	1,063,373	1,736,496.50

**NELSON MANDELA INSTITUTION OF SCIENCE AND TECHNOLOGY
CENTRE FOR WATER INFRASTRUCTURE AND SUSTAINABLE ENERGY
FUTURES (WISE FUTURES)**

NOTE 08: ACHIEVING LEARNING EXCELLENCE

Review of PASET PhD and other sponsors students' applications and admit student for 2023 academic year paying attention to regional students especially Female applicants. To support ongoing students research activities. During the year under review **USD 44,448.28** was spent to cover eligible payments in achieving learning excellence as detailed below:

Particulars	Amount (USD)	Amount (USD)
	2023	2022
International accreditation through AQAS for at least two MEWES & COCSE programs	5,534.48	1,860.75
Facilitating meetings related to international accreditation of three-degree programmers with AQAS	5,376.38	2,187.66
Estimated fee for resubmitting the application to AQAS for second review in case the first one fails.		3,250.45
Maintenance of skills improvement platform (Biogas Energy systems).	1,975.00	19,368.37
To facilitate air tickets, travel insurance, and VISA for each school to adjunct professors visiting of Bush, CoCSE and MEWES	7,845.00	5,298.24
Pay one year license fee for Turnitin to plagiarism software managed by NM-AIST Library	5,551.72	5,265.26
National Accreditation through TCU for CoCSE programs		6,121.95
To support ICT Centre under CIDAC	18,165.69	6,300.39
Total Costs	44,448.28	49,653.03

**NELSON MANDELA INSTITUTION OF SCIENCE AND TECHNOLOGY
CENTRE FOR WATER INFRASTRUCTURE AND SUSTAINABLE ENERGY
FUTURES (WISE FUTURES)**

NOTE 9: RESEARCH EXCELLENCE

Total expenditure amounted to USD 13,333.33 as shown below;

Particulars	Amount (USD) 30.06.2023	Amount (USD) 30.06.2022
To facilitate, Energy (agrivoltaic), Water and Wastewater reuse research and experimental activities	-	13,253.45
To Facilitate National Steering Committee Meetings	13,333.33	12,173.14
Total	13,333.33	25,426.59

NOTE 10: QUALITY ASSURANCE FRAMEWORK

Improving quality assurance falls under objective 3 of the Centre key activity. During the year under review USD 5,551.72 was spent to cover eligible payments under Component III. Key activities under component 3 are stipulated in the Table below;

Particulars	Amount (USD) 30.06.2023	Amount (USD) 30.06.2022
Support the Establishing Quality Assurance Unit and Support for centre data quality management		2,662.06
Centre performance evaluation		1,982.35
Support of Centre evaluation activities	5,551.72	940.56
Training of QA/M&E staff		1,430.43
Total Costs	5,551.72	7,015.40

**NELSON MANDELA INSTITUTION OF SCIENCE AND TECHNOLOGY
CENTRE FOR WATER INFRASTRUCTURE AND SUSTAINABLE ENERGY
FUTURES (WISE FUTURES)**

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 9,913.79** was spent to cover eligible payments for Equity Dimension Costs as follows:

Particulars	Amount (USD)	Amount (USD)
	30.06.2023	30.06.2022
Enrolment drive campaign for special group and to support Staff Wellness program at NM-AIST	9,913.79	
Supporting the construction of Hostels for Female Students and Construction of NM-AIST Sports facility and Renovation of Recreation Centre		14,900.00
Develop Programme for special needs (women pastoralists) targeting energy-water-food nexus		10,000.00
Total Costs	9,913.79	24,900.00

NOTE 12: ATTRACTING REGIONAL ACADEMIC STAFF AND STUDENTS

During the year under review, the Centre spent a total amount of **USD 14,443.43** as follows:

Particulars	Amount (USD)	Amount (USD)
	2023	2022
To participate in various events to promote the University/Centre (Collaboration visits to partners in the EAC region)	14,443.43	11,437.20
Market research and promotion of Centre activities in the region		4,605.98
Participation in national community outreach activities, TCU, Mandela Week, Nane nane, Makisatu		12,435.45
Total Costs	14,443.43	28,478.63

**NELSON MANDELA INSTITUTION OF SCIENCE AND TECHNOLOGY
CENTRE FOR WATER INFRASTRUCTURE AND SUSTAINABLE ENERGY
FUTURES (WISE FUTURES)**

NOTE 13: ENGAGING NATIONAL AND REGIONAL ACADEMIC PARTNERS

During the year under review, the centre spent a total amount of **USD 37,004.31** as follows;

Particulars	Amount (USD)	Amount (USD)
	2023	2022
Engage guest lecturers from partners		8,654.23
Facilitate and promote Student's co-supervision with partners		14,535.13
To facilitate faculty and student's exchange Programme with regional Partners	37,004.31	3,450.23
Support Curricular review/development for ATC		2,342.00
Support Curricular review/development for MUST		3,760.13
Support Curricular review/development for GU		3,450.43
Total	37,004.31	36,192.15

NOTE 14: ATTRACTING NATIONAL AND REGIONAL SECTOR PARTNERS

In the financial year **2022/2023** total amount of **USD 16,666.67** was spent to cover eligible payments enhancing the attraction of National and Regional Sector Partners as detailed in the Table.

Particulars	Amount (USD)	Amount (USD)
	2023	2022
Increase the number of National and regional sector partners		4,356.78
Joint research and outreach activities		6,756.34
Facilitate Partnership meetings for National and regional sector partners		3,152.44
Research Activities with Industrial partners		8,953.00
Mentoring orientation workshop and training	16,666.67	4,568.23
To conduct business informative workshops by the school of CoCSE for one day for industry people		2,355.76
Total	16,666.67	30,142.55

**NELSON MANDELA INSTITUTION OF SCIENCE AND TECHNOLOGY
CENTRE FOR WATER INFRASTRUCTURE AND SUSTAINABLE ENERGY
FUTURES (WISE FUTURES)**

NOTE 15: INTERNATIONAL ACADEMIC COLLABORATION

In the financial year 2022/2023 total amount of **USD 20,000.00** was spent to cover eligible payments in enhancing International academic collaboration as detailed below:

Particulars	Amount (USD)	Amount (USD)
	2023	2022
To facilitate student supervision costs	20,000.00	5,456.24
To facilitate Teaching costs		2,345.45
To facilitate faculty and student exchange Programme with International Partners		3049.31
Total	20,000.00	10,851.58

**NELSON MANDELA INSTITUTION OF SCIENCE AND TECHNOLOGY
CENTRE FOR WATER INFRASTRUCTURE AND SUSTAINABLE ENERGY
FUTURES (WISE FUTURES)**

NOTE 16: CENTRE MANAGEMENT AND GOVERNANCE

In the financial year 2022/2023 total amount of USD 213,130.70 was spent to cover eligible payments enhancing Centre Management and Governance as detailed below:

Particulars	Amount (USD)	Amount (USD)
	2023	2022
Establishment of Centre management and governance		190,644.23
To Facilitate National Steering Committee Meetings	8,002.69	
Insurance for two vehicles,		2,646.00
Vehicle maintenance and repair	3,835.22	
Fuelling of the Centre vehicles	8,295.91	11,601.49
Centre office consumables	5,649.52	3,276.87
WISE-Futures salary Cost (Centre Manager, M&E, Procurement Officer, Communication Officer, Admin Officer, Technical Officer, Supplies Officer, Accountant and Two Drivers. Two C-Code & 5 Radio Staff)	110,401.90	184,252.27
Staff Gratuity (Ten WISE-Futures, Five Radio, Two C-Code staff)	42,105.18	7,528.50
Communication Allowance (For 10 Centre Staff, Two C-Code, Five Radio and Two Centre Leaders)	6,960.00	3,240.00
Costs related to Centre Recruitment		1,489.86
Costs related to pay leave for centre staff (M&E, Procurement Officer, Communication Officer, Supplies Officer, Accountant and One Drivers)	4,991.47	
To facilitate annual fee for the Centre Internet	2,047.41	
3 Days MUSE scenario understanding for NM-AIST, WB, Centre and MoFP	6,385.70	8,809.10
Support NM-AIST Legal Services for the Centre	3,202.44	
PPRA Audit for DLI 4	11,253.26	3,762.66
Bank Charges		5,999.45
Total Costs	213,130.70	423,250.43

**NELSON MANDELA INSTITUTION OF SCIENCE AND TECHNOLOGY
CENTRE FOR WATER INFRASTRUCTURE AND SUSTAINABLE ENERGY
FUTURES (WISE FUTURES)**

NOTE 17: SUSTAINABLE FINANCING

In financial year 2022/23 total amount of **USD 122,887.58** was spent to cover eligible payments enhancing Sustainable Financing as detailed below:

Sustainable Financing		
Particulars	Amount (USD)	Amount (USD)
	30.06.2023	30.06.2022
Support delivery of short courses		12,540.78
Support MSc/PhD students to apply for additional funding		10,540.00
To facilitate costs related to proposal writing	3,054.00	26,412.66
Operationalization of the Cabin Filter Machine		11,987.78
Development of Prepaid Water System		16,424.88
To conduct Needs Assessment for Professional Development Trainings and prepare modules for short courses (MEWES/NM-AIST)		2,300.56
Equipment for Centre Digital Education (C-CoDE) and radio station	19,715.19	53,766.94
Costs for facilitating R&D Centre establishment		56,638.32
Centre Maintenance (Interior & Exterior Repairs). The Centre building to be in good condition and provide a good and safe working environment.		8,549.85
Electricity, water system, consumables, space modification, and training for operationalization of Centre Income generation Equipment (Cabin Filter Machine, RO, material characterization, XRF/XRD, etc).	16,545.23	12,563.20
Procurement of drinking water bottling and industrial water packaging equipment	15,757.29	
Marketing and Branding for Centre Business for income generation	11,931.93	10,543.81
Costs for facilitating travels, and follow-up meetings to seek financial support for R&D Centre establishment	3,456.23	7,054.39
Development of Centre Sustainability Plan	25,235.47	3,571.43
Development of Centre Business plan for Centre income generating activities	14,458.55	12,338.15
To support NM-AIST to market the Institution to gain more students	5,470.00	8,756.00
Maintenance of the existing NM-AIST Incinerator		5,386.28
Prepare and conduct professional short course(s) by the schools of MEWES to the key stakeholders	3,639.13	1,536.79
To develop grant proposals by the schools of MEWES	3,624.56	1,467.20
Support NM-AIST with the environmental assessment registration		2,924.55

**NELSON MANDELA INSTITUTION OF SCIENCE AND TECHNOLOGY
CENTRE FOR WATER INFRASTRUCTURE AND SUSTAINABLE ENERGY
FUTURES (WISE FUTURES)**

Total Costs	122,887.58	265,340.91
--------------------	-------------------	-------------------

NOTE 18: MONITORING AND EVALUATION

In the financial year 2022/23 total amount of **USD 27,227.70** was spent to cover eligible payments enhancing Monitoring and Evaluation as detailed below:

Monitoring and Evaluation		
Particulars	Amount (USD)	Amount (USD)
	30.06.2023	30.06.2022
Support establishment of monitoring and evaluation unit		15,763.00
Centre reports		12,876.45
Develop Project Management System software for Monitoring project performance		-
M& E Logistics at Centre and travel costs for regional ACE II Meetings		5,467.90
Technical Advisory Meetings (TAM) and other related costs	11,095.53	55,303.66
To support with travel related costs to Partner Institutions (Per diems, Accommodation, Airfares/Public Transport)	4,587.00	14,567.00
Annual costs related auditing of the centre activities	11,545.17	7,812.34
Total Costs	27,227.70	111,790.35

**NELSON MANDELA INSTITUTION OF SCIENCE AND TECHNOLOGY
CENTRE FOR WATER INFRASTRUCTURE AND SUSTAINABLE ENERGY
FUTURES (WISE FUTURES)**

NOTE 19: PROJECT EXPENSES

In financial year 2022/23 total amount of **USD 800,149.94** was payments for the Projects hosted within the Centre as shown below:

Project Expenses	Amount in USD	Amount in USD
	30.06.2023	30.06.2022
Bio Innovate Project		37,470.29
COSTECH		33,402.25
T2GS	9,072.00	35,815.76
ZECURA	15,388.35	
FORESTATION Project	49,523.50	45,446.77
PASET Project	106,161.85	148,548.97
FCDO Expenses	9,616.96	63,932.40
EXAF - JFD PROJECT	62,318.22	91,515.92
PEER Expenses	54,554.62	115,417.03
SOVAS PROJECT	25,437.39	35,384.33
GIST KOREA project		41,180.00
NORPART PARTNERSHIP	6,372.35	
MUM PROJECT	175,893.93	57,036.85
SOHEADS Expenses	26,152.58	21,964.17
HDIF Project Expenses	1,213.04	53,774.36
INTERNATIONAL ATOMIC ENERGY	4,260.89	
AGRO-VAL PROJECT	103,790.96	
Other Project expenses.	150,393.30	
TOTAL	800,149.94	767,944.72

NOTE 20: Explanation of the difference between Budget and Actual Amount

In the financial year under review, the Centre had an Annual Workplan budgeted at USD 1,822,648, of which only USD 1,063,374 was actually received. The shortfall in the received amount can be attributed to the inadequate achievement of Disbursement Linked Indicators, which did not meet the required criteria for initiating the funding of the Centre's activities.

NOTE 21: The Reconciliation of Actual Amounts on a comparable basis between Statement of Comparison of Budget and Actual Amounts and Statement of Cash Flows for the year ended 30 June 2023

Descriptions	Operating-USD	Financing-USD	Investing-USD	Total-USD
Actual Amount on Comparable Basis as Presented in the Statement of Comparison	1,324,757.42	-	34,325.00	1,359,082.42

**NELSON MANDELA INSTITUTION OF SCIENCE AND TECHNOLOGY
CENTRE FOR WATER INFRASTRUCTURE AND SUSTAINABLE ENERGY
FUTURES (WISE FUTURES)**

Descriptions	Operating-USD	Financing-USD	Investing-USD	Total-USD
of Budget and Actual Amount				
Basis Differences	-	-	-	-
Timing Differences	N/A	N/A	N/A	N/A
Entity Differences				
Actual Amount in the Statement of Cash Flow	1,324,757.42	-	34,325.00	1,359,082.42