



**The Nelson Mandela African Institution of Science and Technology (NM-AIST)**  
**Africa Centre for Research, Agricultural advancement, Teaching Excellence and Sustainability (CREATES)**

## **Interim Financial Report June – December, 2021**



Statement of Uses of Funds for the semi-annual period ending 31st December, 2021				
			Period Ending 31st December 2021	Cummulative for the Period Ending 31st December, 2021
<b>Sources of Funds</b>				<b>Amount (USD)</b>
Opening cash balance			1,047,506	1,047,506
				-
Government Funds			-	-
World Bank IDA Funds			-	-
Other funds			-	-
Refunds to SA/Retirements				-
Credit				-
<b>Total</b>			-	-
				-
Add receipt				-
Government Funds			-	-
World Bank IDA Funds			1,093,679	1,093,679
Student Fees (IUCEA)			9,590	9,590
Refunds to SA/Retirements			4,321	4,321
Credit				-
ICTP Conference			-	-
Others(EWA BELT PROJECT,ESIDA)			16,238	16,238
<b>Total Financing</b>			<b>2,171,333</b>	<b>2,171,333</b>
				-
Less:Expenditure as per ACE Annual Impelmentation Plan				-
				-
To achieve learning excellence			251,868	251,868
Research Excellence			151,948	151,948
Quality Assurance			9,294	9,294
Equity dimension			11,190	11,190
Attracting Regional Academic Staff and Students			5,774	5,774
Engaging National and Regional Academic Partners			5,000	5,000
Attracting National and Regional Sector Partners			-	-
International academic collaboration			-	-
Center Management and Governance			141,633	141,633
Sustainable Financing			2,478	2,478
Monitoring and Evaluation			23,129	23,129
<b>Sub-total</b>			<b>602,313</b>	<b>602,313</b>
Bank charges			899	899
Transfers(Credit)			165,000	165,000
Other project expenditure			57,308	57,308
<b>Sub-total</b>			<b>223,208</b>	<b>223,208</b>
<b>Total Expenditure</b>			<b>825,521</b>	<b>825,521</b>
<b>Closing Balance</b>			<b>1,345,812</b>	
Bank Summary				
<b>CASH BALANCE SUMMARY FOR ACE II (CREATES FNS) FOR THE PERIOD ENDING 31ST DECEMBER 2021</b>				
Balance CRDB (TZS)Account)	1,325,559		1,325,559	
Balance CRDB (TZS)Account)	46,399,600		20,253	
<b>Total Balance</b>	<b>1,325,559</b>		<b>1,345,812</b>	

Name of ACE Centre for Research Advancement, Teaching Excellence and Sustainability in Food and Nutrition Security (CREATES-FNS)							
TABLE 17:							
	Uses of Funds(USD) (Breakdown) for the period ending 31/12/2021						
Objective code	Expenditure	Period ending		Variance			
		Actual	Planned				
						PAD/Life of Project	Revised
						Project	PAD
<b>Action Plan 1 To achieve learning excellence</b>							
1.1	Support development of new NanoScience curriculum	2,000.00	26,000.00	24,000.00	ongoing	5 years	
1.2	Support accreditation of one running international program	218.34	30,000.00	29,781.66			
1.3	Facilitate short course delivery on pedagogy that will be offered in collaboration with Zhejiang Normal University of China and TCU		35,000.00	35,000.00	ongoing	5 years	
1.4	Support sending/hosting of students and faculty members during exchange (including Parttime Lecturers& Adjunct Professors)	4,723.55	40,000.00	35,276.45	ongoing	5 years	
1.5	Organise and conduct two short courses in collaboration with partner universities	10,147.92	20,000.00	9,852.08	ongoing	5 years	
1.6	Support Junior Lectures in their activities including research, fundraising and students supervision	5,562.50	12,000.00	6,437.50	ongoing	5 years	
1.7	Support Development of NM-AIST hostel to accommodate the lactating mothers students	200,000.00	200,000.00	-	ongoing	5 years	
1.8	Provide scholarship to newly enrolled students	29,215.41	227,500.00	198,284.59	ongoing	5 years	
	<b>Sub-Total</b>	<b>251,867.72</b>	<b>590,500.00</b>	<b>338,632.28</b>			
<b>Action Plan 2 Research Excellence</b>							
2.1	Establishment of Demonstration plots/farm facilities for practical trainings, research and income generation ( A knowledge & Skill Platform)	99,023.02	150,000.00	50,976.98	ongoing	5 years	
2.2	Land Clearance and setting fire buffer zones for KARANGAI INNOVATION PARK	6,706.80	15,000.00	8,293.20	ongoing	5 years	
2.3	To support establishment of research data hub/Centre through Farming As A Business (FAAB)-Project and operationalisation of HPC	27,830.19	50,000.00	22,169.81	ongoing	5 years	
2.4	Support commercialization of innovations, spinoff, patents, products by students, faculty members/ other stakeholders	4,944.10	100,000.00	95,055.90	ongoing	5 years	
2.5	Facilitating participation of CREATES/NM-AIST in knowledge exchange events and conferences (TCU exhibition, Nanenane,Sabasaba (soapbox), KiliKarbu fair and Mandela SETI Week)	13,443.78	35,000.00	21,556.22	ongoing	5 years	
	<b>Sub-Total</b>	<b>151,947.89</b>	<b>350,000.00</b>	<b>198,052.11</b>			
<b>Action Plan 3 Quality Assurance</b>							
3.1	Support Training of Lab staff on ISO17025 (Testing Lab, Quality Management)		8,000.00	8,000.00	ongoing	5 years	
3.2	Support Procurement& Installation of surveillance/security cameras at NM-AIST Lab and Campus	9,293.85	10,000.00	706.15	ongoing	5 years	
3.3	Support Procurement & Installation of Fire alarms at MN-AIST		5,000.00	5,000.00	ongoing	5 years	
	<b>Sub-Total</b>	<b>9,293.85</b>	<b>23,000.00</b>	<b>13,706.15</b>			
<b>Action Plan 4 Equity dimension</b>							
4.1	Sensitizing young girls and boys in secondary schools and colleges to participate in Sciences, Engineering, and Mathematics and Technology subjects ( in collaboration STEMI program)		18,000.00	18,000.00	ongoing	5 years	
4.2	Conducting training to women, special groups, youth and other small scale processors on food processing value		10,000.00	10,000.00	ongoing	5 years	
4.3	Develop an Equity Strategy to guide CREATES implementation activities	251.30	3,000.00	2,748.70	ongoing	5 years	
4.4	Participate in ongoing AWARD training activities (mentorship courses, best performance recruitment)		6,000.00	6,000.00	ongoing	5 years	
4.5	Support Staff wellness programmes	10,938.86	10,000.00	(938.86)	ongoing	5 years	
4.6	Train inhouse students and faculty members on gender equit at workplace		3,000.00	3,000.00	ongoing	5 years	
	<b>Sub-Total</b>	<b>11,190.16</b>	<b>50,000.00</b>	<b>38,809.84</b>			
<b>Action Plan 5 Attracting Regional Academic Staff and Students</b>							
5.1	Updating and maintaining Centre &NM-AIST Websites with opportunities and CREATES capacities	114.00	8,000.00	7,886.00	ongoing	5 years	
5.2	Support NM-AIST/CREATES to participate in IUCEA organized events to showcase institutional capacities and opportunities	5,660.00	15,000.00	9,340.00	ongoing	5 years	
	<b>Sub-Total</b>	<b>5,774.00</b>	<b>23,000.00</b>	<b>17,226.00</b>			
<b>Action Plan 6 Engaging National and Regional Academic Partners</b>							
6.1	Support joint teaching, research and innovations among the National academic partners	5,000.00	15,000.00	10,000.00	ongoing	5 years	
6.2	Facilitate co- supervision with regional partners		2,000.00	2,000.00	ongoing	5 years	
	<b>Sub-Total</b>	<b>5,000.00</b>	<b>17,000.00</b>	<b>12,000.00</b>			
<b>Action Plan 7 Attracting National and Regional Sector Partners</b>							
7.1	Collaborate with National and Regional Patners to promote technological transfer, product incubation, knowledge and skills dissemination, products and spinoff across levels and sectors		20,000.00	20,000.00	ongoing	5 years	
7.2	Support internships and outreach programs for LSBE supported students		12,000.00	12,000.00	ongoing	5 years	
	<b>Sub-Total</b>	<b>-</b>	<b>32,000.00</b>	<b>32,000.00</b>			

<b>Action Plan 8</b>	<b>International academic collaboration</b>						
8.1	Support the School of Life Science& Bioengineering (LISBE) to development and conduct joint projects and short courses with international partners		6,000.00	6,000.00	ongoing	5 years	
8.2	Support the School of Life Science& Bioengineering (LISBE) to organize and conduct joint teaching and co- supervision of students with International partners		5,000.00	5,000.00	ongoing	5 years	
	<b>Sub-Total</b>	-	<b>11,000.00</b>	<b>11,000.00</b>			
<b>Action Plan 9</b>	<b>Center Management and Governance</b>						
9.1	Developing Five years Centre Sustainability Plan	25,048.14	30,000.00	4,951.86	ongoing	5 years	
9.2	Off-set of Monthly Centre Management Team Salaries and Incentives and costs related to payleave for the centre staff	79,372.30	172,000.00	92,627.70	ongoing	5 years	
9.3	Support short term trainings to Centre Management Team to enhance their performance	15,641.84	35,500.00	19,858.16	ongoing	5 years	
9.4	Support procurement of office equipment, furnishing, office supplies repairing and maintenance of equipment	11,696.16	30,000.00	18,303.84	ongoing	5 years	
9.5	Maintenance of NM-AIST Printers						
		4,029.63	3,000.00	(1,029.63)	ongoing	5 years	
9.6	Maintenance of NM-AIST Air conditions		5,000.00	5,000.00	ongoing	5 years	
9.7	Covering cost for fuel expenses	2,595.71	6,000.00	3,404.29	ongoing	5 years	
9.8	Maintenance and repair of the Centre vehicle	1,379.94	7,000.00	5,620.06	ongoing	5 years	
9.9	Advertise products and services to be procured		5,000.00	5,000.00	ongoing	5 years	
9.10	Purchase of one vehicle for the office uses		100,000.00	100,000.00	ongoing	5 years	
9.11	Support staff and members to participate in the National (NSC) and Regional Technical meetings (TAM)						
		1,869.40	20,000.00	18,130.60	ongoing	5 years	
	<b>Sub-Total</b>	<b>141,633.11</b>	<b>413,500.00</b>	<b>271,866.89</b>			
<b>Action Plan 10</b>	<b>Sustainable Financing</b>						
10.1	Facilitate development of winning grant proposals(grants writing support, seed money identifying calls)	2,477.65	5,500.00	3,022.35	ongoing	5 years	
10.2	To support operationalization of NM-AIST consultancy Bureau		5,000.00	5,000.00	ongoing	5 years	
10.3	Promote CREATES/NM-AIST products and innovations to generate revenue		10,000.00	10,000.00	ongoing	5 years	
10.4	Support CREATES/LISBE with seedfund to develop and conduct demand-driven short courses and international conferences on a cost-plus basis		20,000.00	20,000.00	ongoing	5 years	
	<b>Sub-Total</b>	<b>2,477.65</b>	<b>40,500.00</b>	<b>38,022.35</b>			
<b>Action Plan 11</b>	<b>Monitoring and Evaluation</b>						
11.1	Develop a monitoring and evaluation e-system (Shared across all key partners, including equity indicators)		5,000.00	5,000.00	ongoing	5 years	
11.2	Preparing Annual financial reports	2,287.45	3,500.00	1,212.55	ongoing	5 years	
11.3	Preparing Internal audit reports	5,218.78	3,000.00	(2,218.78)	ongoing	5 years	
11.4	Paying annual fee for external Auditing (CAG)	8,919.56	8,000.00	(919.56)	ongoing	5 years	
11.5	Preparing Annual Procurement Audit Report (PPRA- Audit fee)	1,785.74	15,000.00	13,214.26	ongoing	5 years	
11.6	Conducting Centre Performance review and planning meeting/workshop	4,224.24	4,000.00	(224.24)	ongoing	5 years	
11.7	Preparing documentation and sharing of Centre success stories and achievement ( Communications and Promotions materials newsletters, Calendar, TV and Radio programmes and audio visual documentary)	692.94	18,000.00	17,307.06	ongoing	5 years	
	<b>Sub-Total</b>	<b>23,128.72</b>	<b>56,500.00</b>	<b>33,371.28</b>			
	<b>GRAND TOTAL</b>	<b>602,313.10</b>	<b>1,607,000.00</b>	<b>1,004,686.90</b>			

	<b>Eligible Expenditure Program (EEP)</b>	<b>July to Dec 2021</b>	<b>Cummulative for the Period ending 31st Dec, 2021</b>
	EEP 1: Salaries	1,594,673	10,897,309.87
	EEP 2:Non-procurable expenditure as defined in Financing Agreement	413,335	9,715,971.53
	<b>Total EEPs</b>	<b>2,008,008.30</b>	<b>20,613,281.41</b>

Expenditures as per Disbursement Linked Indicators					
Centre for Research Advancement, Teaching Excellence and Sustainability in Food and Nutrition Security					
(CREATES-FNS)					
July to December ,2021					
Disbursement Linked Indicators	Action to be Completed	Status of Action Completion	Amount Allocated	Amount Disbursed	Amount not Disbursed
<b>DLI # 1 INSTITUTIONAL READINESS</b>					
DLI 1.1 To meet conditions for Effectiveness	To meet Conditions for Effectiveness: The Performance and Finance Agreements executed The National Steering Committee created	Completed	600,000	600,000	0
DLI 1.2 Development Of Detailed Implementation Plans	Implementation plan approved by the Ministry of Education, Science, Technology and Vocational Training and accepted by the IUCEA/WB	Completed	500,000	500,000	0
<b>DLI #2: EXCELLENCE IN EDUCATION AND RESEARCH CAPACITY AND DEVELOPMENT IMPACT</b>					
DLR# 2.1: Timely annual implementation of the plans	At least 85% of activities implemented on timely manner	87 % of the planned activities implemented			
DLR #2.2: Newly enrolled students in the ACE of which at least 20% must be regional (African) students	At least 30% of PhD and Masters candidates enrolled are from the region	The following students were enrolled; :27 (3 Regional , 11Female)	1,300,000	974,196	325,804
	At least 40% of the PhD and Masters candidates are females	PhD students ( 43 MSc (6 Regional, 23 female)			
	Short courses	Short courses: 104 Participants (23Regional ; 81National) and ( Female 19; male 85)			
DLR#2.3: Accreditation of quality of education programs	• At least three PhD and three MSc programs approved by national accreditation body.	Stakeholders validation workshop was held and the	600,000	300000	300,000
	• At least one PhD and one Master program approved by international accreditation body	10 Draft curricula (5 MSc & 5 PhD) resubmitted to TCU for Accreditation			
DLR#2.4: Partnerships for collaboration in applied research and training collaboration	At least 8 MoUs are signed annually: 4 with academic institutions, 1 with industry / research institute and 3 with partner institutions	A total of 15 MoUs were signed ( 3 private companies & 13 Academic/ Research partners)	200,000	200,000	-
DLR#2.5: Peer-reviewed journal papers or peer-reviewed conference papers prepared collaboratively with national, regional or international co-authors	At least 20 internationally peer reviewed research articles co-authored by partners, published, annually	48 papers were published in peer reviewed journals:	500,000	500,000	-
DLR#2.6: Faculty and PhD student exchanges to promote regional research and teaching collaborations	At least 16 students with at least two week internship in a private sector company or a local institution or international institution	A total of 18 PhD students and faculty staff participated in exchange programme of at least two weeks for research and teaching activities	700,000	188,000	512,000
	At least 12 academic staff with at least two week internship in a private sector company or a institution or international institution				
DLR#2.7: External revenue generation	At least \$31,000 in year one, \$351,700 in year two, &722,700 in year three and \$602,700 in year four,		900,000		900,000
DLR#2.8: Institution participating in benchmarking exercise	CREATES-FNS participates in the Partnership of Applied Sciences, Engineering and Technology (PASET) benchmarking exercise.	The Centre submitted Institution data for PASET benchmarking exercise	100,000	100000	0
<b>DLI#3: TIMELY, TRANSPARENT AND INSTITUTIONALLY REVIEWED FINANCIAL MANAGEMENT</b>					
DLR#3.1: Timely Withdrawal applications supported by interim unaudited financial reports for each ACE	Timely Withdrawal applications supported by interim unaudited financial reports	Withdrawal Application was submitted by the CENTRES	75,000	30,000	45,000
DLR#3.2 : Functioning audit committee under each Eastern and Southern African Higher Education Institutions	The University Council Audit Committee meets at least four times in a year.	Three NM-AIST Audit Committee Quarterly meetings were held to discuss Audit findings	75,000	30,000.0	45,000
DLR#3.3: Functioning internal audit unit for each Eastern and Southern African Higher Education Institution	Project accounts audited annually and submitted to the Ministry and the IUCEA/WB within six months after the end of the financial year	Quarterly Audits were carried out by the NM-AIST Internal Audit Unit and findings were tabled to the Audit committee of the Institution	75,000	30,000.0	45,000
DLR#3.4: Transparency of financial management (audit reports, interim unaudited financial reports, budgets and Annual Work Programs are all web accessible)	All the audit reports, interim financial reports, budgets and annual work plan published on the university website	Centre Website was updated with information	75000	30,000.0	45000
<b>DLI#4: TIMELY AND AUDITED PROCUREMENT</b>					
DLR# 4.1 Timely procurement audit report for each ACE	Procurement audit report tabled in the Council Audit Committee on quarterly basis	Procurement Audited report was developed and tabled at the Council Audit Committee	150,000		150,000
DLR#4.2: Timely and satisfactory procurement progress report for each ACE	Procurements are done in accordance with an annual procurement plan, advertised and approved by the s of tender Board	Procurement done based on the annual plan developed	150,000		150,000
<b>GRAND TOTAL</b>			<b>6,000,000</b>	<b>3,482,196</b>	<b>2,517,804</b>