



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 **January – June, 2020**



NAME OF ACE: Centre for Research Advancement, Teaching Excellence and Sustainability in Food and Nutrition Security (CREATES-FNS)			
Statement of sources and Uses of Funds for the period ending		Jan to Jun 200	
	Sources of Funds	Period Ending 30/06/2020	Cummulative for financial year Ending June 2020
	Opening cash balance	60,490.25	60,490.25
	Government Funds	-	
	World Bank IDA Funds	-	
	Other funds		
	Refunds to SA/Retirements		
	Credit		
	Total	-	
	Add receipt		
	Government Funds	-	
	World Bank IDA Funds	813,651.68	813,651.68
	Student Fees (-	278,614.00
	Refunds to SA/Retirements	-	158.00
	Credit	-	62,007.00
	BOT Balance	-	-
	Others (ARCC PROJECT)	-	23,307.25
	Total Financing	874,141.93	1,238,228.17
	Less: Expenditure as per ACE Annual Impelmentation Plan		
	Establish Life Sciences / CREATES-FNS experiential based curricula		
	Improve the CREATES-FNS teaching and learning approach	59,050.00	81,953.27
	Co-create CREATES-FNS teaching and learning environment		
	Enroll and support Masters and PhD candidates	62,308.50	92,145.53
	Strengthen the research framework in CREATES-FNS	85,100.00	105,138.92
	Improve the CREATES-FNS research approach		
	Quality assurance framework	16,870.15	33,050.41
	Equity Dimesions		3,732.02
	Attracting Regional Academic Staff and Students	14,472.15	
	Engaging National and Regional Academic Partners		6,472.98
	Attracting National and Regional Sector Partners		
	International academic collaboration		
	Center Management and Governance	92,435.73	114,274.19
	Sustainable Financing		
	Monitoring and Evaluation	30,500.00	52,362.42
	Sub-total	360,736.53	489,129.74
	Bank charges	3,811.39	5,345.08
	Transfers (Credit)	(170,114.86)	305,027.00
	Total Expenditure	364,547.92	799,501.82
	Closing Balance	509,594.01	

TABLE 17:									
Name of ACE Centre for Research Advancement, Teaching Excellence and Sustainability in Food and Nutrition Security (CREATES-FNS)									
Uses of Funds(USD) (Breakdown) for the period ending 30/06/2020									
Objective code	Expenditure	Period ending			Cumulative from Project Inception.				
		Actual	Planned	Variance	Actual	Planned	Variance		
5.1.1	Establish Life Sciences / CREATES-FNS experiential based curricula								
	Affirm / validate the curricula review gaps (for 5.1 and 5.2 simultaneously)	-	-	-	26,816.98	54,000.00	27,183.02	ongoing	5 years
	Inaugurate the Centre and validate the society and industry needs to inform the curricular review and development	-	-	-	34,591.33	54,000.00	19,408.67	ongoing	5 years
	Supporting international Accreditation of two programs				78,837.45	22,000.00	(56,837.45)		
	TCU curriculum approval charges	-	-	-	-	12,000.00	12,000.00	ongoing	5 years
	International accreditation of curricula	-	-	-	-	-	-		
	Sub-Total	-	-	-	140,245.76	142,000.00	1,754.24		
5.1.2	Improve the CREATES-FNS teaching and learning approach								
	Develop and deliver a T&L module		-	-	25,141.82	26,000.00	858.18	ongoing	5 years
	Support short course and exchange programs on T&L for faculty and CREATES-FNS team		-	-	100,000.00	100,000.00	-		
	Supporting international Accreditation of two programs		12,000.00	12,000.00		12,000.00	12,000.00	ongoing	5 years
	Paying approval or accreditation cost to TCU for national accreditation of 2 programs	7,315.00	8,000.00	685.00		8,000.00	8,000.00	ongoing	5 years
	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	-	35,000.00	35,000.00	ongoing	5 years
	Covering cost for hosting or sending PhD and Faculty staff from/or to other institutions for research or teaching	8,000.00	13,500.00	5,500.00		13,500.00	13,500.00	ongoing	5 years
	Support recruitment and retaining of one post docs in teaching , supervising the students and developing funding proposals	20,000.00	20,000.00	-		20,000.00	20,000.00	ongoing	5 years
	Support Development of NM-AIST hostel to accommodate the lactating mothers		150,000.00	150,000.00		150,000.00	150,000.00	ongoing	5 years
	Improving NM-AIST Laboratory facility through equipment and furnishing	15,000.00	25,000.00	10,000.00		25,000.00	25,000.00	ongoing	5 years
	Support students with concrete research findings, products and innovations to disseminate and sharing their outputs to industries and community	8,000.00	15,000.00	7,000.00		15,000.00	15,000.00	ongoing	5 years
	Conducting two joint short courses with CREATES Partners to; students and Faculty Members	10,000.00	15,000.00	5,000.00		15,000.00	15,000.00	ongoing	5 years
	Sub-Total	68,315.00	293,500.00	225,185.00	125,141.82	419,500.00	294,358.18		
5.1.3	Co-create CREATES-FNS teaching and learning environment					-	-		
	Recruit, retain and engage a hybrid and dynamic human resource		-	-	25,738.18	42,000.00	16,261.82	ongoing	5 years
	Facilitate experimental / applied opportunities and short internship programmes and exchange for students and faculty in the appropriate industry	-	-	-	2,336.10	10,000.00	7,663.90	ongoing	5 years
	Open opportunities for key partner to create their own set of environments for T&L	-	-	-	-	12,000.00	12,000.00	ongoing	5 years
	Improve software for modeling simulations and laptops/computers to facilitate e-learning and virtual access to international resources (SOFTWARE)	-	-	-	-	40,000.00	40,000.00	ongoing	5 years
	Upgrade/ procure extra accessories and equipment including Bio repository for running the laboratory and other teaching activities (working benches, inverters/generators etc) incubation?	-	-	-	-	55,000.00	55,000.00	ongoing	5 years
	Sub-total	-	-	-	28,074.28	159,000.00	130,925.72		
5.1.4	Enroll and support Masters and PhD candidates					-	-		
	Support a recruitment process for excellence of MSc and PhD students under CREATES-FNS	-	-	-	90,891.37	90,000.00	(891.37)		
	Offset Tuition fees plus stipend for PhD students under CREATES-FNS	-	-	-	389,612.47	385,547.07	(4,065.40)		
	Offset Tuition fees plus stipend for MSc students under CREATES-FNS	-	-	-	252,788.56	255,000.00	2,211.44	ongoing	
	Sub-Total	-	-	-	733,292.40	730,547.07	(2,745.33)		
5.2.1	Research Excellence					-	-		
	Strengthen the research framework in CREATES-FNS				-	-	-		
	Support development of Bioengineering Laboratory at NM-AIST in collaboration Hunan University of Technology (HUT)	7,111.00	100,000.00	92,889.00	-	-	-		
	Validate the society and industry needs to inform the research agenda in alignment with the curriculum				-	-	-		
	Establishment of Demonstration plots/farm facilities for practical trainings, research and income generation (A knowledge & Skill Platform)	35,000.00	85,000.00	50,000.00	-	-	-		
	Facilitating participation of CREATES in knowledge exchange events and conferences (TCU exhibition, Nanenane (soapbox) and Mandela SETI Week)	10,000.00	10,000.00	-	-	-	-		
	Support researches by PhD students in FNS	-	-	-	126,633.08	100,000.00	(26,633.08)		
	Support researches by Msc students in FNS	-	-	-	-	30,000.00	30,000.00	ongoing	5 years
	Sub-Total	52,111.00	195,000.00	142,889.00	126,633.08	130,000.00	3,366.92		
5.2.2	Improve the CREATES-FNS research approach					-	-		
	Develop and deliver a R&D module program for faculty	-	-	-	-	-	-		
	Support Mandela week, exhibitions and innovation sessions	-	-	-	3,214.00	20,000.00	16,786.00	ongoing	5 years
	Upgrade/ procure extra accessories and equipment including Biorepository for running the laboratory and other research activities (working benches, inverters/generators etc) incubation?	-	-	-	42,872.47	55,000.00	12,127.53	ongoing	5 years
	Support publication of research findings	-	-	-	2,998.74	5,000.00	2,001.26	ongoing	5 years
	Facilitate knowledge exchange activities (attendance and participation in international conferences and competitions)	-	-	-	28,618.28	25,000.00	(3,618.28)		
	Establish knowledge exchange formats (own Journal, communication, brochures...)	-	-	-	-	-	-		
	Identify and support research mentorship courses/workshops for supervisory excellence	-	-	-	-	20,000.00	20,000.00	ongoing	5 years
	Procure and maintain one vehicle for students and faculty	-	-	-	24,000.00	80,000.00	56,000.00	ongoing	5 years
	Sub-Total	-	-	-	101,703.49	205,000.00	103,296.51		

5.7.0	Attracting National and Regional Sector Partners		-	-		-	-			
	Extending CREATES-FNS' reach multi-level and inter-sectorial	-	-	-	993.45	1,000.00	6.55			
	Develop and implement an inclusiveness strategy for multi-level and inter-sectorial partners (including a listserv, consistent ways of prioritizing who can participate, transparent)	-	5,000.00	5,000.00	3,560.00	5,000.00	1,440.00	ongoing	5 years	
	Organize and conducting outreach activities in collaboration with National and Regional Partners sectors partners (Private and public institutions) to promote technology and knowledge transfer, skills dissemination for addressing challenges facing community and industries	20,000.00	30,000.00	10,000.00	-	30,000.00	30,000.00	ongoing	5 years	
	Participate in National and Regional sectors forums for showcasing CREATES capacity to attract Sector Partners (eg. National Agricultural policy conference, SAGCOT Partners forum)	14,000.00	14,000.00	-	-	14,000.00	14,000.00	ongoing	5 years	
	Strategies to parallel labor market requirements (gap analysis, ongoing monitoring of labor changes and shifts, new working area, alumni-tracking etc)	-	-	-	-	-	-			
	Quarterly community extension events (work directly with independent farmers, small businesses)	-	-	-	-	-	-			
	Sub-Total	34,000.00	49,000.00	15,000.00	4,553.45	50,000.00	45,446.55			
5.8.0	International academic collaboration									
	Facilitate co-supervision with International partners	-	-	-	84,464.90	85,000.00	535.10			
	Acknowledge international successes through multiple strategies	-	-	-	-	-	-			
	sub-total				84,464.90	85,000.00	535.10			
5.9.0	Center Management and Governance									
	Support Review of NM-AIST Corporate Strategic Plan	-	20,000.00							
	Staff and stabilize key leadership positions in each of the core units			-	1,792.45	1,500.00	(292.45)			
	Off-set of Monthly Centre Management Team Salaries and incentives	61,221.92	185,000.00	123,778.08	247,549.32	260,000.00	12,450.68	ongoing	5 years	
	Support short-term trainings to Centre Management Team to enhance their performance			-	-	-	-			
	Procurement of equipment, furnishing and office supplies	8,000.00	20,000.00	12,000.00	170,183.93	175,000.00	4,816.07	ongoing	5 years	
	Support recruitment of new Centre staff (Job Advert cost and Interview)	2,000.00	5,000.00	3,000.00	8,000.00	8,000.00	-			
	Support short-term trainings to Centre Management Team to enhance their performance	8,000.00	15,000.00							
	Developing CREATES Sustainability Strategy	8,000.00	8,000.00	-	492.00	8,000.00	7,508.00	ongoing	5 years	
	Support for conducting sub working group, management and governing board meetings			-	9,441.81	10,000.00	558.19		5 years	
	Covering cost for fuel expenses	3,500.00	5,000.00	1,500.00	-	5,000.00	5,000.00	ongoing	5 years	
	Prepare annual procurement plan			-	-	-	-			
	Maintenance and repair of the Centre vehicle	2,500.00	5,000.00	2,500.00	-	5,000.00	5,000.00	ongoing	5 years	
	Advertise products and services to be procured	3,500.00	7,000.00	3,500.00	2,518.23	7,000.00	4,481.77	ongoing	5 years	
	Facilitate meetings of tender Board and tender evaluation committee			-	204.23	300.00	95.77			
	Facilitate NM-AIST/ Centre Leaders to attend Regional Technical Advisory meetings organized by IUCEA/RPU		12,000.00	12,000.00	14,780.00	15,000.00	220.00			
	Prepare audit report and table it in the Council Audit Committee			-	4,000.00	6,000.00	2,000.00	ongoing	5 years	
	Procurement of 4 laptops, 1 Desktop computer and 1 Smart table for Data visualization	5,500.00	10,000.00							
	Support the NM-AIST/ Centre Leaders and NSC Members to participate National ACE Steering Committee meetings	2,000.00	10,000.00							
	sub-total	104,221.92	302,000.00	158,278.08	458,961.97	500,800.00	41,838.03			
5.1.0	Sustainable Financing									
	Facilitate development of winning proposal grants (grants writing support, seed money, identifying calls) including research chairs	7,000.00	14,000.00	7,000.00	19,072.00	20,000.00	928.00	ongoing	5 years	
	Conduct demand- industry-driven short courses and international conferences on a cost-plus basis	25,900.00	30,000.00	4,100.00	-	30,000.00	30,000.00	ongoing	5 years	
	Prepare an ethical framework for provision of consultancy services to the industry and society	-	3,000.00	3,000.00	-	3,000.00	3,000.00	ongoing	5 years	
	Sensitize and conduct annual campaigns for philanthropic contributions	-	-	-	-	-	-			
	sub-total	32,900.00	47,000.00	14,100.00	19,072.00	53,000.00	33,928.00			
5.1.1	Monitoring and Evaluation									
	Develop a Monitoring and Evaluation e-System (shared across all key partners, including equity indicators)	4,500.00	6,500.00	2,000.00	10,000.00	10,000.00	-			
	Preparing audit reports (Finance & Procurement) and financial statements	2,500.00	5,000.00	2,500.00	7,984.00	8,000.00	16.00			
	Paying annual Auditing fee (CMG & PPRA)		12,000.00	12,000.00						
	Conducting Centre Performance review and planning meeting/workshop	9,500.00	10,000.00	500.00						
	Preparing, documenting and sharing of Centre success stories and achievements (newsletters, TV and Radio shows, and audio visual documentary)	14,000.00	20,000.00	6,000.00			-			
	sub total	30,500.00	53,500.00	23,000.00	17,984.00	18,000.00	16.00			
	GRAND TOTAL	364,547.92	1,032,000.00	627,952.08	1,935,327.75	2,634,847.07	699,519.32			

Expenditures as per Disbursement Linked Indicators					
Centre for Research Advancement, Teaching Excellence and Sustainability in Food and Nutrition Security					
(CREATES-FNS)					
Jan to June,2020					
Disbursement Linked Indicators	Action to be Completed	Status of Action Completion	Amount Allocated	Amount Disbursed	Amount not Disbursed
DLI # 1 INSTITUTIONAL READINESS					
DLI 1.1 To meet conditions for Effectiveness	To meet Conditions for Effectiveness:	Completed	600,000	600,000	0
	The Performance and Finance Agreements executed				
	The National Steering Committee created				
	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
DLI #2: EXCELLENCE IN EDUCATION AND RESEARCH CAPACITY AND DEVELOPMENT IMPACT					
DLR# 2.1: Timely annual implementation of the plans	At least 85% of activities implemented on timely manner	This Indicator restructured and dropped during Midterm Review	N/A	N/A	N/A
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; MSc 27 (2 Regional , 2 Regional Female)	1,300,000	409,602	890,398
	At least 40% of the PhD and Masters candidates are females	PhD students 8 (1 Regional, 1 Regional female)			
	Short courses	Short courses: 16			
DLR#2.3: Accreditation of quality of education programs	• At least three PhD and three MSc programs approved by national accreditation body.	10 New curricular were Nationally Accredited	600,000	300,000	300,000
	• At least one PhD and one Master program approved by international accreditation body				
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 22 MoUs were signed (5 private companies	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	56 papers were published in peer reviewed journals:	500,000	300,000	200,000
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	700,000	40,000	660,000
	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, of external funds generated	The Centre has generated a total a total of \$ 195,834.34 but yet to be verified	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 Participated in PASET benchmarking exercise	100,000	100,000	0

DL#3: TIMELY, TRANSPARENT AND INSTITUTIONALLY REVIEWED FINANCIAL MANAGEMENT					
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	75,000		75,000
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.	Four NM-AIST Audit Committee Quarterly meetings	75,000		75,000
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	75,000		75,000
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		75000
DL#4: TIMELY AND AUDITED PROCUREMENT					
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
GRAND TOTAL			6,000,000	2,449,602	3,550,398