



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, 2018



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			January to June 2018	
Sources of Funds	Period Ending 31/12/2017	Period Ending 30/06/2018	Cumulative for financial year Ending 2018	
Opening cash balance	-	652,192.58	-	-
Government Funds	-	-	-	-
World Bank IDA Funds	-	-	-	-
Refunds to SA/retirements	-	19,960.23	19,960.23	19,960.23
Credit	-	50,000.00	50,000.00	50,000.00
<b>Total</b>	<b>-</b>	<b>722,152.81</b>	<b>69,960.23</b>	<b>69,960.23</b>
Add receipt	-	-	-	-
Government Funds	-	-	-	-
World Bank IDA Funds	1,096,278.00	-	1,096,278.00	1,096,278.00
Student Fees	-	-	-	-
Others	50,267.00	-	50,267.00	50,267.00
<b>Total Financing</b>	<b>1,146,545.00</b>	<b>722,152.81</b>	<b>1,216,505.23</b>	<b>1,216,505.23</b>
Less: Expenditure as per ACE Annual Impelmentation Plan	494,352.42	711,605.65	1,205,958.07	1,205,958.07
Expenditure	-	-	-	-
Establish Life Sciences / CREATES-FNS experiential based cu	111,252.03	28,370.73	139,622.76	139,622.76
Improve the CREATES-FNS teaching and learning approach	12,471.00	-	12,471.00	12,471.00
Co-create CREATES-FNS teaching and learning environment	2,000.00	-	2,000.00	2,000.00
Enroll and support Masters and PhD candidates	163,352.36	263,497.02	426,849.38	426,849.38
Strengthen the research framework in CREATES-FNS	10,672.02	103,719.67	114,391.69	114,391.69
Improve the CREATES-FNS research approach	25,454.02	46,880.07	72,334.09	72,334.09
Quality assurance framework	755.00	26,657.05	27,412.05	27,412.05
Equity Dimesions	-	-	-	-
Attracting Regional Academic Staff and Students	9,995.00	15,302.25	25,297.25	25,297.25
Engaging National and Regional Academic Partners	-	5,440.00	5,440.00	5,440.00
Attracting National and Regional Sector Partners	3,560.00	-	3,560.00	3,560.00
International academic collaboration	13,350.00	31,198.63	44,548.63	44,548.63
Center Management and Governance	141,424.99	170,514.28	311,939.27	311,939.27
Sustainable Financing	-	19,072.00	19,072.00	19,072.00
Monitoring and Evaluation	-	-	-	-
Bank Charges	66.00	953.95	1,019.95	1,019.95
<b>Sub-total</b>	<b>494,352.42</b>	<b>711,605.65</b>	<b>1,205,958.07</b>	<b>1,205,958.07</b>
<b>Net cash balance as at June 2018</b>	<b>652,192.58</b>	<b>10,547.16</b>	<b>10,547.16</b>	<b>10,547.16</b>

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 30/06/2018							
Objective code	Expenditure	Period ending		Cumulative for Financial year ended 30.06.2018		Variance	
		Actual	Planned	Variance	Actual		Planned
5.1.1	<b>Establish Life Sciences / CREATES-FNS experiential based curricula</b>						
	Affirm / validate the curricula review gaps (for 5.1 and 5.2 simultaneously)	-	54,000.00	54,000.00	26,816.98	54,000.00	27,183.02
	Inaugurate the Centre and validate the society and industry needs to inform the curricular review and	26,422.93	32,000.00	5,577.07	34,591.33	32,000.00	- 2,591.33
	Conduct working sessions to review the current curriculum and draft four main streams each for PhD and MSc curricula based on the specializations	1,947.80	22,000.00	20,052.20	78,214.45	22,000.00	- 56,214.45
	TCU curriculum approval charges	-	12,000.00	12,000.00	-	12,000.00	12,000.00
	International accreditation of curricula	-	-	-	-	-	-
	<b>Sub-Total</b>	<b>28,370.73</b>	<b>120,000.00</b>	<b>91,629.27</b>	<b>139,622.76</b>	<b>120,000.00</b>	<b>- 19,622.76</b>
5.1.2	<b>Improve the CREATES-FNS teaching and learning approach</b>						
	Develop and deliver a T&L module	-	6,000.00	6,000.00	12,471.00	6,000.00	- 6,471.00
	Support short course and exchange programs on T&L for faculty and	-	40,000.00	40,000.00	-	40,000.00	40,000.00
	Embed the T&L in the PhD and next generation faculty	-	-	-	-	-	-
	<b>Sub-Total</b>	<b>-</b>	<b>46,000.00</b>	<b>46,000.00</b>	<b>12,471.00</b>	<b>46,000.00</b>	<b>33,529.00</b>
5.1.3	<b>Co-create CREATES-FNS teaching and learning environment</b>						
	Recruit, retain and engage a hybrid and dynamic human resource	-	42,000.00	42,000.00	-	42,000.00	42,000.00
	Facilitate experimental / applied opportunities and short internship programmes and exchange for students and faculty in the appropriate industry	-	10,000.00	10,000.00	2,000.00	10,000.00	8,000.00
	Open opportunities for key partner to create their own set of environments	-	12,000.00	12,000.00	-	12,000.00	12,000.00
	Improve software for modeling simulations and laptops/computers to facilitate e-learning and virtual access to interactive resources	-	40,000.00	40,000.00	-	40,000.00	40,000.00
	Upgrade procure extra accessories and equipment including Bio repository for running the laboratory and other teaching activities (working benches, inverters/generators etc)	-	55,000.00	55,000.00	-	55,000.00	55,000.00
	<b>Sub-total</b>	<b>-</b>	<b>159,000.00</b>	<b>159,000.00</b>	<b>2,000.00</b>	<b>159,000.00</b>	<b>157,000.00</b>
5.1.4	<b>Enroll and support Masters and PhD candidates</b>						
	Support a recruitment process for excellence of MSc and PhD students under CREATES-FNS	83,915.86	5,000.00	- 78,915.86	85,737.22	5,000.00	- 80,737.22
	Offset Tuition fees plus stipend for PhD students under CREATES-FNS	179,581.16	58,250.00	- 121,331.16	271,261.16	58,250.00	- 213,011.16
	Offset Tuition fees plus stipend for MSc students under CREATES-FNS	-	85,000.00	85,000.00	69,851.00	85,000.00	15,149.00
	<b>Sub-Total</b>	<b>263,497.02</b>	<b>148,250.00</b>	<b>- 115,247.02</b>	<b>426,849.38</b>	<b>148,250.00</b>	<b>- 278,599.38</b>
5.2.1	<b>Research Excellence</b>						
	<b>Strengthen the research framework in CREATES-FNS</b>						
	Affirm / validate the research gaps (for 5.1 and 5.2 simultaneously)	-	-	-	-	-	-
	Validate the society and industry needs to inform the research agenda in alignment with the curriculum	-	-	-	10,627.70	-	10,627.70
	Support researches by PhD students in ENS	103,719.67	40,000.00	- 63,719.67	103,763.99	40,000.00	- 63,763.99
	Support researches by Msc students in ENS	-	30,000.00	30,000.00	-	30,000.00	30,000.00
	<b>Sub-Total</b>	<b>103,719.67</b>	<b>70,000.00</b>	<b>- 33,719.67</b>	<b>114,391.69</b>	<b>70,000.00</b>	<b>- 44,391.69</b>

5.2.2	<b>Improve the CREATES-FNS research approach</b>							-	-
	Develop and deliver a R4D module program for faculty		-	-	-	-	-	-	-
	Support Mandela week, exhibitions and innovation sessions	-	20,000.00	20,000.00	3,214.00		20,000.00		16,786.00
	Upgrade/ procure extra accessories and equipment including Biorepository for running the laboratory and other research activities (working benches)	37,503.07	55,000.00	17,496.93	37,503.07		55,000.00		17,496.93
	Support publication of research findings	-	5,000.00	5,000.00	2,998.74		5,000.00		2,001.26
	Facilitate knowledge exchange activities (attendance and participation in international)	9,377.00	20,000.00	10,623.00	28,618.28		20,000.00	-	8,618.28
	Establish knowledge exchange formats (own Journal, communication, ...)	-	-	-	-		-		-
	Identify and support research mentorship courses/workshops for supervisory excellence	-	20,000.00	20,000.00	-		20,000.00		20,000.00
	Procure and maintain one vehicle for students and faculty	-	80,000.00	80,000.00	-		80,000.00		80,000.00
	<b>Sub-Total</b>	<b>46,880.07</b>	<b>200,000.00</b>	<b>153,119.93</b>	<b>72,334.09</b>		<b>200,000.00</b>		<b>127,665.91</b>
5.3.0	<b>Quality assurance framework</b>							-	-
	Develop quality assurance Policy (including manual and standard operating procedures (SOPs) as well	-	15,000.00	15,000.00	755.00		15,000.00		14,245.00
	Training all CREATES-FNS faculty on Quality Assurance (short-course) in combination with Monitoring and Evaluations (relevant for 5.1. and	26,657.05	24,000.00	2,657.05	26,657.05		24,000.00	-	2,657.05
	Participate in the Partnership of Applied Sciences, Engineering and Technology (PASET) benchmarking	-	3,000.00	3,000.00	-		3,000.00		3,000.00
	Support acquisition and retention of ISO 9000 and ISO 17025 certificates	-	10,000.00	10,000.00	-		10,000.00		10,000.00
	<b>Sub-Total</b>	<b>26,657.05</b>	<b>52,000.00</b>	<b>25,342.95</b>	<b>27,412.05</b>		<b>52,000.00</b>		<b>24,587.95</b>
5.4.0	<b>Equity Dimensions</b>							-	-
	<b>Reflect equity within CREATES-FNS faculty, students and</b>	-	5,000.00	5,000.00	-		5,000.00		5,000.00
	Develop an Equity Strategy to guide CREATES-FNS	-	3,000.00	3,000.00	-		3,000.00		3,000.00
	Participate in ongoing AWARD activities (mentorship courses, best performance recruitment...)	-	9,000.00	9,000.00	-		9,000.00		9,000.00
	Sensitize and engage the public and partners on equity issues	-	-	-	-		-		-
	Support SIDO and TIRDO in mobilisation of women and other small scale processors to be involved researches and innovation platforms of NM-AIST - not budgeted	-	-	-	-		-		-
	<b>Sub-Total</b>	<b>-</b>	<b>17,000.00</b>	<b>17,000.00</b>	<b>-</b>		<b>17,000.00</b>		<b>17,000.00</b>
5.5.0	<b>Attracting Regional Academic Staff and Students</b>							-	-
	<b>Motivate local and regional faculty as well as students to work at CREATES-FNS</b>	-	-	-	-		-		-
	Organize familiarization events for new staff and students (orientation through novel technologies such as e-readers etc.)	-	1,000.00	1,000.00	-		1,000.00		1,000.00
	<b>Showcase the capacity of CREATES-FNS to faculty, research scientists and students from the region</b>	-	-	-	-		-		-
	Sensitize targeted audiences in the region to showcase the programs offered by CREATES-FNS	15,302.25	10,000.00	5,302.25	25,297.25		10,000.00	-	15,297.25
	Support e-recruitment and e-admission portal and update it regularly (Budget under ICT)	-	3,000.00	3,000.00	-		3,000.00		3,000.00
	Support international staff and student information office - together with	-	3,000.00	3,000.00	-		3,000.00		3,000.00
	<b>Sub-Total</b>	<b>15,302.25</b>	<b>17,000.00</b>	<b>1,697.75</b>	<b>25,297.25</b>		<b>17,000.00</b>	-	<b>8,297.25</b>
5.6.0	<b>Engaging National and Regional Academic Partners</b>							-	-
	<b>Becoming a knowledge translation and exchange hub</b>	-	-	-	-		-		-
	Build capacity for e-communication / knowledge exchange at each key partner site	5,440.00	24,000.00	18,560.00	5,440.00		24,000.00		18,560.00
	Populate the knowledge registry (list of all experts)	-	-	-	-		-		-
	Sensitize targeted audiences in the region to showcase the knowledge products of CREATES-FNS	-	-	-	-		-		-
	<b>Sub-Total</b>	<b>5,440.00</b>	<b>24,000.00</b>	<b>18,560.00</b>	<b>5,440.00</b>		<b>24,000.00</b>		<b>18,560.00</b>

5.7.0	<b>Attracting National and Regional Sector Partners</b>			-	-		-	-
	<b>Extending CREATES-FNS' reach multi-level and inter-sectorial</b>			-	-		-	-
	Develop and implement an inclusiveness strategy for multi-level and inter-sectorial partners (including a listserv, consistent ways of prioritizing who can participate, ...)	-	5,000.00	5,000.00	3,560.00		5,000.00	1,440.00
	Create evidence-based opportunities to exchange with food, nutrition, health, biodiversity and agriculture sector partners	-	-	-	-		-	-
	Promote technological transfer, products and spin-offs across levels and sectors	-	-	-	-		-	-
	Strategies to parameter labor market requirements (gap analysis, ongoing monitoring of labor changes and shifts, new working area, alumni- ...)	-	-	-	-		-	-
	Quarterly community extension events (work directly with independent farmers, small businesses)	-	-	-	-		-	-
ys	<b>Sub-Total</b>	-	<b>5,000.00</b>	<b>5,000.00</b>	<b>3,560.00</b>		<b>5,000.00</b>	<b>1,440.00</b>
5.8.0	<b>International academic</b>						-	-
	Sustain bi-lateral presence and involvement of international collaborators	31,198.63	10,000.00	21,198.63	44,548.63		10,000.00	34,548.63
	Acknowledge international successes through multiple strategies	-	-	-	-		-	-
	<b>sub-total</b>	<b>31,198.63</b>	<b>10,000.00</b>	<b>21,198.63</b>	<b>44,548.63</b>		<b>10,000.00</b>	<b>34,548.63</b>
5.9.0	<b>Center Management and</b>						-	-
	<b>Staff and stabilize key leadership positions in each of the core units</b>						-	-
	Hire staff and incentivize leaders and other staff (to build the CREATES-FNS admin team – incentives will be through conference attendance, short course and seminar participation etc. and not in monetary terms)	52,060.63	94,700.00	42,639.37	143,540.70		94,700.00	48,840.70
	Provide training on management and leadership for Centre leaders – training will be in joint collaboration with WISE – FUTURES and the other two ACEs at SUA	-	7,000.00	7,000.00	-		7,000.00	7,000.00
	Procurement of equipment, furnishing and office supplies and vehicle and repair and maintenance	109,861.00	62,400.00	47,461.00	152,300.30		62,400.00	89,900.30
	Prepare annual budget and action plan and support the National ACE Steering Committee	-	8,000.00	8,000.00	-		8,000.00	8,000.00
	Support training for finance and other supporting staff	-	4,000.00	4,000.00	-		4,000.00	4,000.00
	Support for conducting sub working group, management and governing board meetings	4,388.42	10,000.00	5,611.58	9,441.81		10,000.00	558.19
	Support training for Internal Auditor - covered by WISE	-	-	-	-		-	-
	Prepare annual procurement plan	-	-	-	-		-	-
	Support training for Procurement officer - covered by WISE	-	-	-	-		-	-
	Advertise products and services to be	-	5,000.00	5,000.00	2,518.23		5,000.00	2,481.77
	Facilitate meetings of tender Board and tender evaluation committee	204.23	4,000.00	3,795.77	204.23		4,000.00	3,795.77
	Facilitate travels to two regional ACE meetings each year	-	4,000.00	4,000.00	-		4,000.00	4,000.00
	Prepare audit report and table it in the Council Audit Committee	4,000.00	3,000.00	1,000.00	4,000.00		3,000.00	1,000.00
	<b>sub-total</b>	<b>170,514.28</b>	<b>202,100.00</b>	<b>31,585.72</b>	<b>312,005.27</b>		<b>202,100.00</b>	<b>109,905.27</b>
5.1.0	<b>Sustainable Financing</b>						-	-
	Facilitate development of winning proposal grants (grants writing support, seed money, identifying calls) including research chairs	19,072.00	20,000.00	928.00	19,072.00		20,000.00	928.00
	Conduct demand-/ industry-driven short courses and international conferences on a cost-plus basis	-	-	-	-		-	-
	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
	Sensitize and conduct annual campaigns for philanthropic	-	-	-	-		-	-
	<b>sub-total</b>	<b>19,072.00</b>	<b>23,000.00</b>	<b>3,928.00</b>	<b>19,072.00</b>		<b>23,000.00</b>	<b>3,928.00</b>
5.1.1	<b>Monitoring and Evaluation</b>						-	-
	Develop a Monitoring and Evaluation Framework (shared across all key partners, including equity indicators)	-	5,000.00	5,000.00	-		5,000.00	5,000.00
	Conduct Independent Monitoring and Evaluation	-	-	-	-		-	-
	Bank Charges	953.95						
	<b>TOTAL</b>	<b>-</b>	<b>5,000.00</b>	<b>5,000.00</b>	<b>-</b>		<b>5,000.00</b>	<b>5,000.00</b>
	<b>Grand Total</b>	<b>711,605.65</b>	<b>1,098,350.00</b>	<b>387,698.30</b>	<b>1,205,004.12</b>		<b>1,098,350.00</b>	<b>106,654.12</b>

**Centre for Research Advancement, Teaching Excellence and Sustainability in Food and Nutrition Security**  
**(CREATES-FNS)**  
**January to June, 2018**

<b>Disbursement Linked Indicators</b>	<b>Action to be Completed</b>	<b>Status of Action Completion</b>	<b>Amount Allocated</b>	<b>Amount Disbursed</b>	<b>Undisbursed Balance</b>
<b>DLI # 1 INSTITUTIONAL READINESS</b>					
DLI 1.1 To meet conditions for Effectiveness	To meet Conditions for Effectiveness: <ul style="list-style-type: none"> <li>• The Performance and Finance Agreements executed</li> <li>• The National Steering Committee created</li> </ul>	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	80 % of the planned activities	500,000	0	-
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	1,200,000	0	1200000
	• At least 40% of the PhD and Masters candidates are females				
		<b>43 MSc</b> (6 Regional, 23 female)			
		<b>27</b> (3 Regional ,			
		<b>Short courses:</b> 17 Participants (7Fe; 10			
		-5 were regional students			
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	0	600,000
	• 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 14 MoUs were	200,000	0	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	§ 9 papers were published in peer reviewed journals:	300,000	0	300,000

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  At least 12 academic staff with at least two week internship in a private sector company or a institution or international institution	A total of 12 PhD students and faculty staff participated in exchange programme of at least two weeks for research and teaching activities	500,000	0	500,000
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	Centre developed the following proposals for funding: · Establishing a Botanical Garden to safeguard plant species and their medicinal properties in a biodiversity hotspot, Tanzania(172,000 USD) · Rangeland mana · Harnessing Sting Nutrition and Human H CAD)	900,000	0	-
DLR#2.8: Institution participating in benchmarking exercise	CREATES-FNS participates in the Partnership of Applied Sciences, Engineering and Technology (PASET) benchmarking exercise.	-	100,000	0	100,000
<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	-	75,000.00	0.00	75,000.00
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.	Two NM-AIST Audit Committee Quarterly meetings were held to discuss Audit findings	75,000.00	0.00	75,000.00
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 Auditing were carried out by the NM-AIST Internal Audit Unit and findings were tabled to the Audit committee of the Institution	75,000.00	0.00	75,000.00
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 launched and information/reports are being posted	75,000.00	0.00	75,000.00
<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	150,000.00	0.00	150,000.00
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	150,000.00	0.00	150,000.00
Total			6,000,000.00	1,100,000.00	4,900,000.00