AFRICA CEN	TER OF EXCELLENCE	IN SUSTAI	NABLE USE OF INSE	CTS AS FOOD AND	FEEDS (INSEFOODS) ANNU	UAL W	ORK PLAN	N 2017/18		r 201′											
Component	Sub- component	Action Plan	Objective	Justification	Output	DLI#	DLR#	Estimated Budget (US\$)	Responsible Unit	July		September	2018		November	December		January	February	March	April	May
1.0. Strengthen education capacity excellence and development impact	1.1 Develop new relevant multidisciplinary MSc and PhD food security curricula and regular reviews	1	To build human resource infrastructural capacity for research, training and technology development and transfer.	Students equipped with requisite knowledge and skills	Male and female graduates with diversified skills in food security and sustainable development	2	2.2	28,200	CD&DCD			S	X			X			<u> </u>			
	1.2 Benchmark and obtain accreditation for MSc and PhD food security curriculum	1	To build human resource infrastructural capacity for research, training and technology development and transfer.	A curriculum meeting national, regional and international educational standards	Accredited programs and curricula	2	2.3	18,500	CD&DCD			X)	(2	X	X		X
	1.3 Rehabilitate and upgrade teaching and learning facilities	1	To build infrastructural capacity for research, training and technology development and transfer.	Enabling environment for cutting edge learning and research	Improved teaching and learning facilities	2	2.2	70,000	CD&DCD				S	ζ :	X	X	2	ζ			X	X
	1.4 Set up a grants management scheme and allocate research funds	1	to set up a financial system for mobilisation and disbursement of research fund	A sound financial system that meets all international best practices	Restrictive web- accessible audit and financial reports, annual work plan, and budgets	2	2.4	197,500	CD&DCD				X	ζ .	X	X	2	ζ :	X		X	
	1.5 Strengthen ICT infrastructure for teaching and learning	1	To build ICT infrastructural capacity for learning and research	Provision of readily accessible information on Insects for food and feed	Accessibility to ICT resources for teaching, learning, research and dissemination	2	2.2	174,650	CD&DCD				X	ζ :	X	X	2	ζ :	X	X	X	X
	1.6 Advertise and admit students into MSc and PhD programmes	1	to creat awareness of the the available opportunities for training and research	Qualified students admitted into PhD and MSc programmes	Non-national and national students admitted. Between April and June every year from 2017, a call for application will be posted on the ACE website, advertised in regional print media and sent to all partner institutions in the region in snail mail. Applications for admission will done online	2	2.2	20,000	CD&DCD							Х						
	1.7 Offer required taught courses to MSc and PhD students	1	To build human resource capacity for research on insects as food and feed	Students equipped with requisite knowledge and skills	Courses taught - All first year MSc students will take core units in food security before majoring in 2 nd year. PhD students will be taught advanced modules in insect science	2	2.2	40,000	CD&DCD				X		X	X					X	X

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	1.8 Initiate and implement regional students' exchange to broaden learning experience	1	To enhance quality for human resource capacity for research on insects as food and feed		Enhanced capacity and cross cultural skills: Promotion of cross learning at JOOUST, provide an opportunity for	2	2.2	59,000	CD&DCD									2	ζ 2	K
				,	interaction with experienced researchers, building networks and enhancement															
	1.9 Develop relevant short courses for special groups	1	To build human resource capacity for research, develop processed products, and train end-users on insects as food and feed	-	Short term courses to be offered for full time, part-time or e- platform: Honoraria, accommodation, travel, consumables, certificates, preparation of training materials	2	2.2	8,000	CD&DCD	X	>	X								
	1.10 Develop content and convert for delivery by e-learning platform	1	To build infrastructural capacity for e-learning	Learning content developed and delivered on e- platform	Accessibility for teaching, learning and research	2	2.2	#######	CD&DCD									2	ζ 2	X
	1.11 Expand the existing library resources including e-resources relevant to the ACE	1	To improve accessibility to learning resources	Enhanced access to	Improved Information Technology capacity and external connectivity of the library	2	2.2	25,000	CD&DCD	X	>			X						
	1.12 Broaden students' knowledge and skills through internship at advanced research institutions and industries	1	To build sustainable local, regional and international partnerships and networks for research, development and training on insects as food and feed	Enhanced knowledge and skills base of participated students	Enhanced knowledge base in insect in insect science and technology. The Centre will engage advanced research institutions such as KALRO, ICIPE, KEMRI aimed at broadening the knowledge and skills base of students.	2	2.2	5,000.00	CD&DCD									2	×.	
	1.13 Provide appropriate tools for persons with special needs to access learning and research	1	to provide enabling environment for persons with special needs	Enhanced teaching/learning materials used in the instructional process.	Improvement in the number of disabled and learners from marginalized communitiesaccessing education from home	2	2.2	#######	CD&DCD					X	X	X				
	2.1 Scale up MSc and PhD research in key areas in insect science and food security	2	To develop a biodiversity repository of insects for food and feed in the region	An improved research knowledge in the field of students' specialization	Enhanced research and supervision. The Centre will fund the research work of students in food security	2	2.2	6,000					X	X	X	X				
	2.2 Expand local, regional and international collaborations and joint research programmes	2	To build sustainable local, regional and international partnerships and networks for research, development and training on insects as food and feed	Functional partnership platforms for regional and international collaboration in research	New partners engaged	2	2.2	16,000	CD&DCD								2	X 2	X 2	X
	2.3 Equip and rehabilitate research laboratories for upscaling insect rearing, processing and analysis	2	To develop insect technology incubation and skills transfer hub for teaching and research.	Enabling environment for cutting edge research	Existing biology laboratory will be rehabilitated with state-of-the-art facilities for cutting edge research	2	2.2	356,500	CD&DCD		>	X							2	X

	2.4 Enhance faculty research capacity through staff development, exchange programmes and visits	2	To build human resource and infrastructural capacity for research, develop processed products, and train end-users on insects as food and feed	capacity in knowledge and skills in research and publications	Enhanced capacity building for faculty. This will be achieved through: setting up research grant pools to support research activities at the centre; giving staff incentives based on achievement		2.2	12,000	CD&DCD			X	X	X	X	X	X	X	X	X
	2.5 Recruit qualified technical and support staff	2	To recruit human resource for center operations	with requisite knowledge and skills	Technical and support staff recruited. The Centre has a well- designed incentive structure to retain recruited staff.	2	2.2: 2.4	47,000	CD&DCD	X	Х	Х	Х	X	X	X	Х	X	X	X
	2.6 Conduct training workshops and seminars to broaden students' learning experience	2	To build human resource capacity for topical issues and research	on insect and food science	Conducted training workshops aimed at broadening the knowledge and skills of participants to be abreast of current trends in Insect	2	2.2	2,000	CD&DCD									X	X	Х
	2.7 Develop and sign MoUs with partner institutions	2	To build sustainable local, regional and international partnerships and networks for research, development and training on insects as food and feed	infrastructure and management capacity	Partnership arrangements and networks for INSEFOODS	2	2.4	3,000	CD&DCD			Х								
	2.8 Attract, retain and retool faculty in areas relevant to the ACE	2	To build human resource and infrastructural capacity for research, develop processed products, and train end-users on insects as food and feed	turnover for teaching and learning excellence	Faculty retooled with requisite knowledge and skills relevant to the ACE	2	2.2: 2.3	16,000										Х		
	2.9 Publish in peer reviewed journals	2	To share knowledge on insect science	in recognized peer-	Research publications in recognized peer- reviewed journals	2	2.5	1,000	CD&DCD			X	X							
	conference presentations	2	To build human resource capacity for research	generation and transfer	Enhanced capacity for faculty and students	2	2.5	16,000	CD&DCD			X	X		X	X	X			
	2.11 Develop insect technology incubation and skills transfer hub	2	To develop insect technology incubation and skills transfer hub for teaching and research.	Staff knowledge generation and transfer	Enhanced scientific capacity	2	2.4	500.00	CD&DCD						X					
regional faculty and students	3.1 Set up collaborative postgraduate programmes with other Institutions	3	To facilitate regional collaborative sharing of knowledge between students and staff	and Post-Doctoral	Internationally modelled postgraduate programmes	2	2.2	35,000	CD&DCD								X			
	3.2 Set up structures for student and staff support	3	for learning and research	Enabling environment for cutting edge learning and research	Modern learning and research Infrastructure in place	2	2.6	100,000	CD&DCD			Х	X	X	X		X	X		
	3.3 Establish staft/student regional mentorship programme and regional working groups	3	To build sustainable local, regional and international partnerships and networks		A critical mass of researchers created to strengthen scientific leadership in R4D	2	2.6	10,000	CD&DCD						X	X	X	X	X	X

	3.4 Develop partnerships with industry and research organizations for staff and equipment sharing	3	To build sustainable local, regional and international partnerships and networks with industry for R4D	Enhanced periodical staff exchange programs and development of partnership in the teaching and research	Enhanced knowledge base in insect science and technology in the region	2	2.4	0	CD&DCD										
4.0 Plan for national, regional and international academic partners and	4.1 Inception meeting and workshops to form strategic working groups for collaborative teaching and research	4	To build sustainable partnerships and networks for research, development and training on insects as food and feed	Intensify sharing and research collaboration with International Academic Partners.	Enhanced quality and quantity of research in insect for foods and feeds relevant to theindustry		2.4	27,000	CD&DCD	2	ζ								
PARISHAPSHARE	4.2 Institutionalize faculty exchange programmes	4	To entrench sustainable partnerships and networks for research, development and training	Improved staff capacity in knowledge and skills in research and publications	Efficient and effective implementation of teaching, learning and research processes	2	2.2	-	CD&DCD									X	
	4.3 Establish and publish a high impact peer reviewed journal in insects as food and feeds		To communicate scientific findings on insect science as it applies to food and feeds	Enhancing platform for research publications	A registered journal in insect science and its application to food security and sustainable development		2.5	-	CD&DCD										
	4.4 Set up collaborative postgraduate, postdoctoral studies and fellowship programmes	4	To build collaborative programs at postgraduate level	Enhancing research infrastructure sharing; sustainable knowledge and technology transfer and benchmarking of international accreditation of programs	Enhanced quality and quantity of research in insect for foods and feeds relevant to the industry		2.2	-	CD&DCD										
	4.5 Schedule a launching and inception workshop with partners	4	To launch sustainable partnerships and networks for research, development and training on insects as food and feed	Intensify sharing and research collaboration with International Academic Partners	Enhanced quality and quantity of research in insects for foods and feeds relevant to the industry		2.6	70,000	CD&DCD			Х							
	4.6 Participation in two joint regional ACE II Meetings	4	To prepare and harmonize annual work plans of the ACE II centers in the region	To ensure proper planning and implementation of ACE II activities	Well prepared plans and budgets for ACE II	2	2.6	60,000	CD&DCD			X	X	Х	X				
5.0. Plan for management and governance	5.1 Incorporate Management Information System (MIS) for implementing Centre's activities including a Grant Management System	5	To establish a management information system for the center	Promote sharing of information among internal and external partners to ensure efficiency and effectiveness in data management	Effective and efficient service delivery achieved	2	3.1: 3.4: 4.1: 4.2	5,500	CD&DCD			X							
	5.2 Adopt best practices in Financial Management and Procurement	5	To optimize financial management and procurement services	To have a sound financial system that meets international best practices	Timely financial reports submitted	2	4.1: 4.2	20,000	CD&DCD			X		X					
	5.3 Establish sound fiduciary practices	5	To provide oversight for center operations	To have a well functioning internal audit oversight	A sound corporate governance system in place	2	3.2:	9,000	CD&DCD			X	V	Х		**			
	5.4 Procure and maintain vehicles	5	To provide transport services to the center	An effective means of travel provided for centre activities	A center vehicle procured and maintained	2	2.2	67,500	CD&DCD			X	X			X		X	

	5.5 Centre operations	5	To ensure efficiency in			3 & 4	3.1:	31,250	CD&DCD				X			X			3	ζ.	П
			the daily running of the center	efficient operation of centre activities	center of excellence		3.2: 3.3: 3.4: 4.1:														
	5.6 Centre staff	5	To provide human resource for the center's operations	To enable the center to operate effectively	Centre staff recruited, trained and assigned duties	3 & 4	3.1: 3.2: 3.3: 3.4: 4.1:	137,600	CD&DCD	X	X	X	X	X	X	X	X	X	×	ζ :	Х
	5.7 Put in place governance framework, financial management, administrative, procurement, monitoring and evaluation procedures and systems	5	management systems for efficient and effective operations	To have efficient governance, financial management, and monitoring and evaluation systems	Efficient governance, financial, managemen and monitoring and evaluation systems in place	3 & 4	3.1: 3.2: 3.3: 3.4: 4.1: 4.2	5,000	CD&DCD	X			X								
	5.8 Schedule and hold implementation team meetings	5	implementation of center activities	To provide for transparent and participatory decision making process in the center operations	A transparent and paricipatory decision making process adopted	3 & 4	3.1: 3.2: 3.3: 3.4: 4.1: 4.2	16,800	CD&DCD	X	X	X	X	X	X	X	X	X	>	K 2	X X
	5.9 Schedule and hold M&E meetings	5		To adhere to planned center activities	Properly and timely implemented center activities	3 & 4	3.1: 3.2: 3.3: 3.4: 4.1:	8,000	CD&DCD					X			X			2	X
	5.10 Design, host and manage a custom website for the centre	5	transparent platform for	To have an ICT infrastructure for the center	An ICT platform for the center established	3	3.4	5,000	CD&DCD					X	X	X	X	X	X	ζ 2	Х
	5.11 Promote the Centre (marketing)	5	about the center to the public		Stakeholders attracted and sensitized to the center	2	2.2	8,000	CD&DCD				X	X	X	X	X	X	>	ζ :	Х
Sustainability	6.1 Generate revenue from internal and external sources (student fees, government subsidies, consultancies, income generating activities from selling	6		Sustained Centre of Excellence	Enhanced capacity for sustainability of the center	2	2.2:	6,000	CD&DCD						X		X	X			
	6.2 Support faculty to submit three major grant applications	6	To generate revenue for the center	To contribute to center sustainability	Revenue generated	2	2.5	9,000	CD&DCD												
	6.3. Support PhD and MSc students to apply for small student grants from international agencies to support their research, attendance & presentations at meetings	6	resources for students'	To augument available student funding	Msc and PhD students adequately funded	2	2.6	0	CD&DCD												
TOTAL								1,847,500													\dashv