

**AFRICA CENTRES OF EXCELLENCE FOR MYCOTOXIN AND FOOD SAFETY (ACEMFS)  
 FEDERAL UNIVERSITY OF TECHNOLOGY, MINNA WORK PLAN (JANUARY - DECEMBER 2017)**

<b>AFRICA CENTRES OF EXCELLENCE FOR MYCOTOXIN AND FOOD SAFETY (ACEMFS)                  FEDERAL UNIVERSITY OF TECHNOLOGY, MINNA WORK PLAN (JANUARY - DECEMBER 2017)</b>								
	<b>CMP</b>							
<b>Activity No</b>	<b>COMPONENT</b>	<b>SUB-COMPONENT</b>	<b>ACTIVITIES</b>	<b>OBJECTIVE</b>	<b>JUSTIFICATION</b>	<b>OUTPUT</b>	<b>ESTIMATED BUDGET (\$)</b>	<b>RESPONSIBLE UNIT</b>
<b>Component 1: Strengthening Africa Centers of Excellence</b>								
<b>1</b>			<b>Procurement of XYZ</b>	To acquire and install xyz	This is necessary to establish .....	the output of this activity is .....		Implementation Committee
<b>1</b>	Develop and complete curriculum for MSc and PhD in Food Safety, Molecular Biology, Bioinformatics and Toxicology	Gather ACE team and engage partners and stakeholders	Launch Workshop/ Development of Curriculum for MSc and PhD in Food Safety, Toxicology, and Molecular Biology and Bioinformatics	Constitution and inauguration of international scientific advisory board and sectoral partners	Development of ACEMFS objective by the partners and ISAB and the Submission of curriculum for various stages of approval	A fully developed University/NUC approved Curriculum	<b>\$81,800.00</b>	ACE Team

2	Recruiting students for higher degree training and short-term courses	Advertise material, selection criteria, screening and interview procedures	Recruitment of MSc and PhD students (advertisements material, selection criteria, screening and interview procedures)	Recruitment process for MSc and PhD students	This is necessary, it is the focal point of ACEMFS	Secure quality of students required (Both National and Regional)	<b>\$15,000.00</b>	Communication officer, Training and Education coordinator and partners. To be executed in collaboration with Registrar and relevant departmental heads
4	Mount short English Language courses to support students for regional Francophone partners	Conduct classes, workshops, seminars	Standard seminars/workshops/training of ACE students and trainees in relevant fields and research techniques at national and regional centres	To train the Francophone students on research techniques in relevant fields	It is necessary since the instructional language is English.	Number of Francophone students enrolled and Number of cycles of language programmes conducted	<b>\$5,000.00</b>	ACE Team

5	Short term visits by experts/partners from collaborating institutions and organizations	Meeting of ACE team, ACE students and the collaborating partners	Short term visits by experts/partners from collaborating institutions and organizations	making collaborative work plan. monitoring and evaluation of collaboration. furthering research agenda. developing business plan for public/private/academic collaborations	Strengthening of collaboration by ACEMFS,	MOUs/MOAs being strengthened and implemented	<b>\$35,000.00</b>	CL and Finance Officer
6	Procurement of teaching consumables for Food Safety, Molecular Biology and Bioinformatics, and Toxicology	Procurement of instructional materials.	Procurement of consumables for Food Safety, Molecular Biology and Bioinformatics, and Toxicology	To acquire and utilize required teaching and research consumables	Provision of adequate teaching and research materials is requisite to goal getting.	Provision of adequate teaching and research materials	<b>\$20,000.00</b>	Centre leader, Procurement officer, Procurement committee, Tender board
<b>Activity No</b>	<b>COMPONENT</b>	<b>SUB-COMPONENT</b>	<b>ACTIVITIES</b>	<b>OBJECTIVE</b>	<b>JUSTIFICATION</b>	<b>OUTPUT</b>	<b>ESTIMATED BUDGET (\$)</b>	<b>RESPONSIBLE UNIT</b>

<p><b>15</b></p>	<p>Procurement of research consumables / analyses for Food Safety, Toxicology, Nanotechnology, Molecular Biology and Bioinformatics</p>	<p>Procurement of instructional materials.</p>	<p>Procurement of research consumables / analysis for food safety, Toxicology, Nanotechnology, Molecular Biology and Bioinformatics for Food Safety, Molecular Biology and Bioinformatics, and Toxicology</p>	<p>To acquire and utilize the consumables and reagents for teaching and research</p>	<p>It is necessary for research target goal getting.</p>	<p>Equipment for teaching and research in Food Safety, Molecular Biology and Bioinformatics, and Toxicology</p>	<p><b>\$70,000.00</b></p>	<p>Centre leader, Procurement officer, Procurement committee, Tender board</p>
<p><b>16</b></p>	<p>Short term training/workshops/conferences for ACEMFS academic faculties at National and Regional Centers</p>	<p>Workshops by ACEMFS at Collaborating Institutions</p>	<p>training/workshops/conferences for ACEMFS academic faculties at National and Regional Centers</p>	<p>Awareness and Sensitization of three Nationals and two Regional Regulatory Agencies on Mycotoxins and Food Safety</p>	<p>Necessary for the creation of awareness and sensitization of Regulatory agencies on Mycotoxin and food safety in the region.</p>	<p>Number of ACE students and trainees that attended fully the workshops</p>	<p><b>\$120,000.00</b></p>	<p>Centre Leader, Project Coordinator/ Training Coordinator</p>
<p><b>17</b></p>	<p>Sampling of food crops and feed for Mycotoxins and other contaminants analysis (Field work)</p>	<p>Field work</p>	<p>Food crops and feed sampling requiring Field materials, travels, field vehicles</p>	<p>to collect sample of food crop and feed samples</p>	<p>It is required for determination of food contaminants in the region for research and development.</p>	<p>Dissertations /theses, publications</p>	<p><b>\$30,000.00</b></p>	<p>ACE Team, Partners, Project management team</p>



<p><b>27</b></p>	<p>Procurement of equipment for Food Safety, Toxicology, Molecular Biology and Bioinformatics, and Nanotechnology (Biochip Array Technology, UHPLC-MS, ICP-OES, Computer Work Stations)</p>	<p>Procurement processes.</p>	<p>procurement of goods</p>	<p>Procure and install various equipment for teaching and researches.</p>	<p>This is necessary for the realization of the main objectives of ACEMFS</p>	<p>Provision of Equipment for teaching and research in Food Safety, Molecular Biology and Bioinformatics, and Toxicology</p>	<p><b>\$385,000.00</b></p>	<p>Centre leader, Procurement officer, Procurement committee, Tender board</p>
<p><b>28</b></p>	<p>Upgrade of necessary equipment in the research laboratory</p>	<p>Assessment and upgrading</p>	<p>Assessment and upgrading of existing equipment of the center by specified technicians</p>	<p>The upgrade will ensure up to date functionality of the equipment for maximum utilization</p>	<p>It save the cost of procuring new one since the life expectancy of the equipment concerned are ascertained</p>	<p>Number of equipment upgraded</p>	<p><b>\$40,000.00</b></p>	<p>Direct Procurement Through Contact With Manufacturers and/or their Authorized Agents</p>

29	Procurement of Operation Manuals and renovation of Office accommodation and office equipment	Procurement process (Drafting, printing and supply of operational manuals and renovation)	Readiness (Production of financial manual, procurement manual, environmental and social safeguard manual, student handbook, Office renovation and purchase of office equipment)	Print and supply the required manuals for reference purposes and renovation for conducive working environment	To achieve some of the statutory condition of "Readiness"	Approval obtained on manuals, Printed hard copies and renovated offices.	<b>\$147,500.00</b>	CL, M&E, Finance Officer, Procurement Officer and Guidance and Counselling Officer
30	Development of Sexual Harassment Manual, Website and PMP Certification	Design and creation of ACEMFS website, development of sexual harassment manual, and acquirement of PMP certificate	Creation of working and visible website, sexual harassment manual and PMP certification	To create the manual and website to safety of students and obtain PMP certification as required	This is a statutory requirement	Visibility of ACEMFS website to the world and Uploading of sexual harassment manual on the website	<b>\$6,000.00</b>	Center-leader, communication officer, and ITS website developer

<b>31</b>	Establishment of MoA Memorandum of Agreement with academic partner institutions	Drafting of MoA and signing of MoA among partners	Drafting, Signing and Implementation of actions as contained in the signed MoAs	To ensure that all partners have equitable access to high quality teaching, learning and research facilities	Number of MoA signed	<b>\$60,000.00</b>	ACEMFS Team	
<b>32</b>	National and Regional Workshops	Meeting of ACE Centers; General Workshops	Attending ACE national and regional Workshops	Improved Management and delivery skills and competencies.	To Build capacity	Effective and efficient capacity development for ACE project	<b>\$150,000.00</b> Center Leader, Project Accountant, Auditor, Procurement officer	
<b>Activity No</b>	<b>COMPONENT</b>	<b>SUB-COMPONENT</b>	<b>ACTIVITIES</b>	<b>OBJECTIVE</b>	<b>JUSTIFICATION</b>	<b>OUTPUT</b>	<b>ESTIMATED BUDGET (\$)</b>	<b>RESPONSIBLE UNIT</b>
<b>33</b>	General administration	Communication, office equipment, travels, meetings, reports and other consumables	Allocation of resources to meet specific needs(Communication, office equipment, travels, meetings, reports and consumables ) Purchases	General administration	Efficient and effective running of the affairs of ACEMFS	Attainment of DLIs	<b>\$101,500.00</b>	ACEMFS Team
<b>34</b>	Purchase of two field vehicles (18 sitter bus and Hilux)	Procurement process	Specifications, bid document and procurement	Availability of the vehicles to the centre to provide smooth running of the project	For use of research and ACEMFS activities	Vehicle made available for field work	<b>\$334,000.00</b>	Centre leader, Procurement officer, Procurement committee, Tender board



35	Relevant training/workshops by ACEMFS staff and partners	Traveling, local and international	Identification of relevant training needs and evaluation of resources required	Training Needs identification, Preparation for Training (including identification of resource persons and Conduct of Training (including evaluations) preparation of training modules)	To Build capacity	Number of trainings conducted	\$30,000.00	ACEMFS Team and Partners
36	Awareness, Advocacy, and MFS fair	Fair, Radio/TV jingle, Newsletter	Awareness, Advocacy, and MFS fair	Adequate information on effects and control of mycotoxins and other contaminants in foods and feeds	National and international visibility	Awareness created locally, nationally, regionally and internationally	\$7,000.00	ACEMFS Team, ICT/Communication officer
37	Short term visits by ACEMFS to national and regional collaborating institutions and organisations	Meeting of ACE team, ACE students and the collaborating partners	Short term visits by ACEMFS to national and regional collaborating institutions and organizations	Organize at least two visits by different partners twice a year.	furthering research agenda and developing business plan for public/private/academic collaborations	MOUs/MOAs being strengthened and implemented	\$70,000.00	ACEMFS Team
38	Renewable energy	Identification of type and effectiveness of renewable energy to use	Transmission and generation of renewable electrical energy to FUTMinna campuses	Adequate provision of electrical energy to enhance sustainable education in terms of learning and research	Better learning and research environment	A steady provision of power (electrical energy) on both campuses of FUTMinna.	\$150,000.00	FUTMinna Management and ACEMFS Team

<b>39</b>	ICT Services from NUC (NgREN)	collaboration	ICT services from NUC (NgREN)	Efficient and effective ICT services.	To support teaching and research.	Availability of internet for research and communication	<b>\$100,000.00</b>	NUC, FUTMinna ICT and ACEMFS teams
<b>40</b>								
			<b>Operating Expenses</b>					Implementation Committee
		<b>Total</b>					<b>\$2,216,800.00</b>	

	January - December 2020								
	January	February	March		April	May	June	July	August



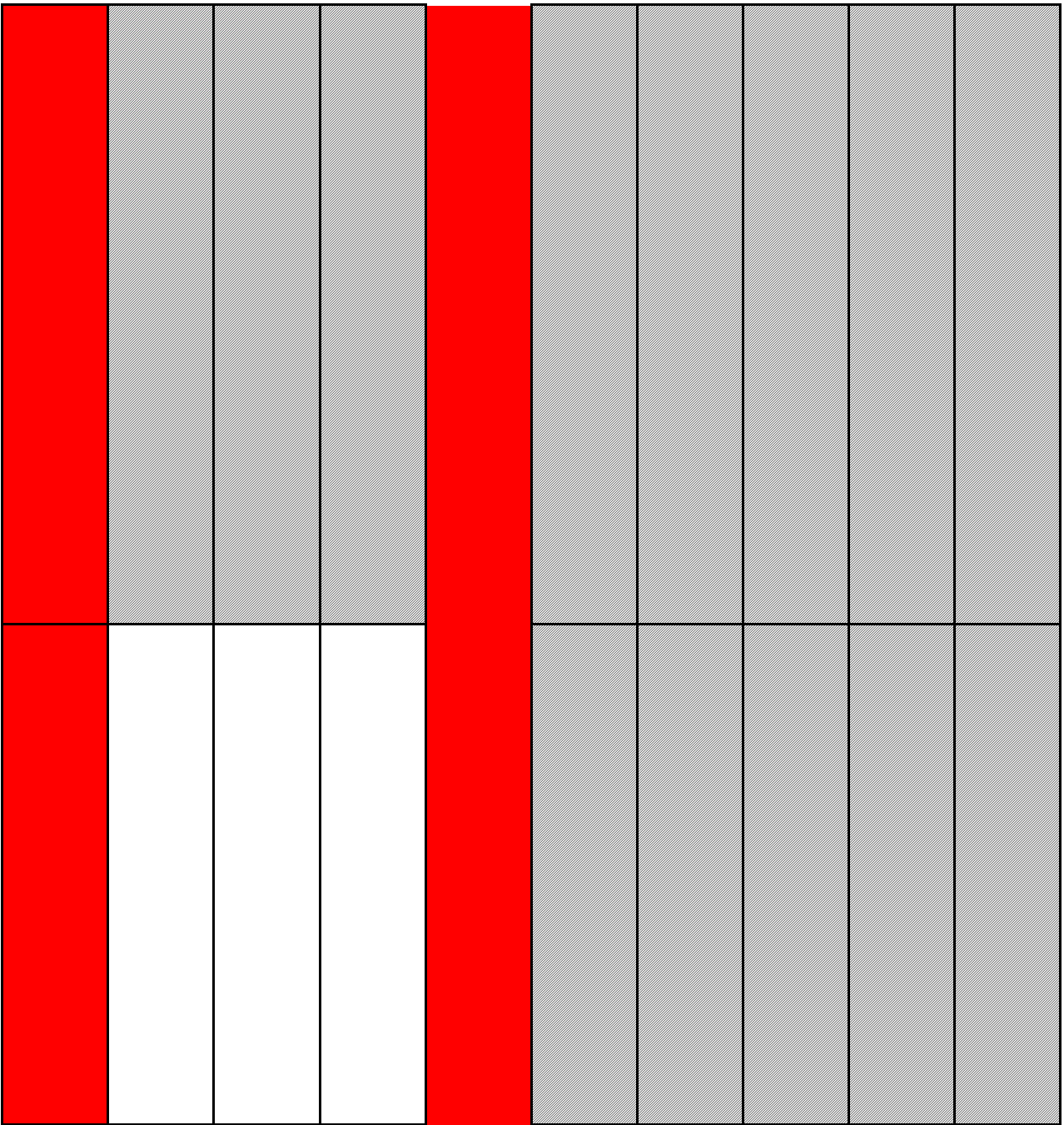






	<i>N</i>								
	<i>N</i>								





	<i>OG</i>								
	<i>N</i>								
	<b>January</b>	<b>February</b>	<b>March</b>		<b>April</b>	<b>May</b>	<b>June</b>	<b>July</b>	
	<i>N</i>								
	<i>N</i>								





Year 2020 /2021

January - June 2021

<b>September</b>	<b>October</b>	<b>November</b>	<b>December</b>		<b>January</b>	<b>February</b>	<b>March</b>	<b>April</b>	<b>May</b>





The image shows a 3x10 grid with a red vertical bar in the 5th column. The grid is divided into three rows and ten columns. The 5th column is solid red. The cells at (1,5-9), (2,1), and (3,8-9) are shaded with a diagonal pattern. All other cells are white.





**January - December 2020**

						<b>August</b>	<b>September</b>	<b>October</b>	<b>November</b>













