

Name of Center: Africa Centre of Excellence in Public Health and Toxicological Research

Institution: University of Port Harcourt

Country: Nigeria

Center Leader: Prof. Daprim Ogaji

Annual Workplan: (January - December, 2025)

Work Plan Activities	Description
Action 1: Action 1: Centre Governance and Administration\ DLI Action:1	
Sub Action 1a: Centre Governance and Administration	
Activity 1: Support activities of the Centre Management Committee (CMC), Sub-Committees, Steering committee, Academic Board, International Scientific Asdvisory Board (ISAB) and Sector Advisory Board (SAB)	Support activities such as transport, logistics for the CMC, sub-committee, Steering committee, Academic Board, ISAB, IAB
Activity 3: Support implementation of the strategic business plan for ACE-PUTOR and harmonization with the sustainability plan	Committee activities and organisation of a 2- day retreat for building the capacity of all members of the ACE-PUTOR team for the implementation of the Post-ACE Impact Sustainability Plan. Provide for logistics, resources persons and partners for the implementation of the sustainability plan, developing business plans, costings, travels, business partnerships after the completion of current funding cycle
Sub-Action 1b:Partnership and Network Management	
Activity 1: Support Implementation of commitments with Partners and networks- at least 4 joint activities	Implement objects in the memorandum of understanding with partners, networkks and collaborators that will strengthen project delivery
Activity 2: Support participation in ACE-Impact @10 Regional Workshop Organised by WB, AAU	ACE Team to attend WB, AAU, NUC Meetings and activities including the ACE@10 Celebration in June 2025

Activity 3: Support participation in meetings organized by the NUC	ACE PUTOR Team to attend 3 NUC organised meetings and activities
<i>Sub-Action 1c: Provide critical infrastructure to enhance central administration, teaching and research</i>	
Activity 1: Digital security for the Centre	Procure full Digital security for the Centre
Activity 2: Annual subscription and management of Learning Management Software for teaching and learning	Annual subscription and mgt of website, learning management software, zoom and cloud subscription for remote teaching and learning in ACE-PUTOR
Procure laptops 4 laptops for administrative and academic use	Procure 4 Core i5 laptops for administrative use
Activity 3: Subscribe for internet bandwidth for the Centre	Fibre connectivity and provision of 1 STM internet bandwidth for the Centre
Activity 5: Alternate Power: 20KVA Inverter and Solar in the Centre's Guest House	Procure 20KVA backup power supply to support activities in the Centre's 23 room guest house
Action 2: Enhance and Sustain academic programmes in the Centre\DLI Action:3 (Quantity of students with focus on gender and regional	
<i>Sub-Action 2a: Enhance student training</i>	
Activity 1: Innovative CCTV-backed practical examination system in the Centre	Design and implement CCTV backed simulation, demonstration and practical skills laboratory in the Centre

Activity 2: Production of academic materials, students' handbook, manuals, examination materials, Stationeries,etc.	Produce academic materials, students' handbook, manuals, examination materials, Stationeries,etc.
Activity 3: Scholarship (84 Students)	Award 60 new scholarships (40 MSc and 10 PhD) to postgraduate students to undertake postgraduate education in the PUTOR in the 2024/2025 academic session, pay 2023/2024 annual fees for existing 14 PhD candidates in 2nd year (2023/2024 enrollees) and 12 PhD in their 3rd year (2022/2023 enrollees) of study, support postgraduate students participation at conferences/seminars/workshops for sessions 2024/2025 session
Sub Action 2b: Enhance Students' Welfare	
Activity 1: Accommodation and welfare for 50 regional students	Secure, maintain and upgrade spaces for accommodation to be used by 30 regional students in the ACE-PUTOR ecosystem, provide for the safety and welfare of these regional students
Activity 2: Student lunch and entertainment during training activities	Provision of lunch and entertainment to students and staff during lectures and other training activities
Activity 3: Participation in Royal Society of Biology 2025 annual and graduation event	Provide opportunity for the best postgraduate student in research in the centre to participate in the annual event for all accredited programmes of the Royal Society of Biology in London in 2025
Sub Action 2c: Faculty and staff development and exchange	
Activity 1: Support visiting/adjunct instructors scholars, seminars, etc.	Support visiting scholars to participate in students' training, Attend conferences/seminars/workshops; Communicate research findings; Students/Faculty development, host visiting scholars, Research and innovation and publicity
Activity 2: Attend short courses by project technical team, Support participation in trainings organized by the AAU/NUC and Support participation at Workshops/Conferences	ACE Technical Team to attend AAU meetings and training activities as well as other continuing professional development activities organised by professional bodies
Activity 3: Staff training on translational research, innovation	

Action 3: Enhancing Quality of Education and Research\DLI Action:4 (Quality of Education & research through international accreditation)**Sub Action 3a: Support student research**

Activity 1: Support for students using external laboratories for their research	Laboratory support for students who are conducting research outside the Centre and University's research facilities
Activity 2: Organise 2024 Public Health & Toxicological Research Fair	Organise 2025 Public Health & Toxicological Research Fair for all postgraduate MSc and PhD candidates in the Public Health Training Ecosystem in the University of Port Harcourt
Activity 3: Research support to PhD Research field/bench work	Provide research support to 30 national and regional PhD students in the PUTOR's to support conduct and dissemination of their research findings

Sub Action 3b: Teaching and Research Infrastructure

Activity 1: Books and hard copy journal subscription for the PUTOR Library	Procure at least 100 volumes of books and subscribe to 10 journals and periodicals
Activity 2: Provide ambient multiparameter air quality monitor	Multiparameter versatile realtime, ambient air quality monitor measuring multiple parameters, including PM1, PM2.5, PM10, CO, CO2, SO2, NO2, O3, and H2S, Ambient Noise, Light, UV, Temperature, and Humidity.
Activity 4: Acquisition of a High-Performance Liquid Chromatography for the Centre	Supply and Installation of High-Performance Liquid Chromatography for ACE-PUTOR Laboratory

Activity 5: Complete installation, commissioning and training on GCMS transferred from 2024 procurement exercise Complete the acquisition of GCMS in the Centre

Action 4: Enhancing Relevance of Education, Applied Research and Innovation\DLI Action: 5 (Relevance of Education and Research through international accreditation)**Sub Action 4a: International Programme Accreditation**

Activity 2: External certification and marketing of the new laboratories in ACE-PUTOR	Carefully conclude the organisation, marketing and certification for the toxicology and environmental (public) health laboratories in ACE-PUTOR
Sub Action 4b: Organising Short Courses	
Development and marketing of shortcourses	Provide for the development and marketing of 12 short courses for mid-level professional in the industry, engage industry partners in marketing these short courses
Activity 1: Organise short courses	Support implementation of DLR 5.3 through four (2) hybrid training. As well as organise short courses for professionals
Activity 2: Organise 2025 edition of the African Toxicological Training School	Fund the implementation of a 5-day intensive training on toxicology for professionals in Uganda
Sub Action 4c: Support entrepreneurship and innovation ecosystem	
Activity 2: Support Entrepreneurship, Innovations and Development of Patents	Create, encourage, support at least 2 innovations and patents
Activity 3. Sustain implementation of Centre Institutional Seed grant	Implementation of the centre institutional seed grant and award of 5 seed grants of \$2,000 each to deserving recipients as approved in the Centre's DLR 5.3 formulation
Activity 7. Support the running of the faculty consulting business development office	Ensure the functional faculty business consulting office and mentoring programme for start-offs in the University of Port harcourt
Sub Action 4d: Support Dissemination of Research Outputs	
Activity 1: Support International Research Publication with National/Regional/International Partners	Sponsorships and support for research publications with national partners

Activity 3: Support the Journal of Public Health and Toxicological Research, support the Port Harcourt Medical Journal and The Nigerian Health Journal	Support editorial processes and facilitate indexing with reputable indexing systems, resolve current challenges with Port Harcourt Medical Journal
Activity 4: Online repository for research outputs	Maintain the effective communication and dissemination of the research outputs of studies conducted by the centres and make it easy for
Sub Action 4e: Students and Staff Internship and Exchange	
Activity 1: Plan and Organize Merit-based Local & International Staff Exchange for 3 Staff	Develop proper plan and implement local/regional/international faculty exchange and capacity building in critical areas including educational pedagogy, curriculum development and other technical skills for 5 staff
Activity 2: Plan and Organize Merit-based Local/Regional Internship Placements for 100 Students	Continue implementation of local/regional/international internship for 100 students
Activity 3: Hosting of members of the International Scientific Advisory Board, Expatriates & Experts from the diaspora and partners' institutions	Provide support for 4 exchange between diasporas and academic partners
Action 5: Communication/DLI Action 1-7	
Sub Action 5a: Communication strategy	
Activity 1: Support Centre's Communications Strategy`	Host 2 meetings and support activities of the strategy formulation committee to define main objectives, key messages, intended publics, branding and visibility guidelines, communication channels, detailed communication activities and indicators to track implementation of the objectives and the performance of activities outlined. Also include engagement with the AAU
Sub Action 5b: Implement Communication Strategy	
Activity 1:Regular Website updates	Update links to the website. Weekly update of PUTOR's website with news, originally generated articles, success stories, alumni/student focused articles, stories written from research works etc.
Activity 2: Regular update of social media platforms. (Centres without Social Media accounts should create them)	Update social media accounts. Support verification of social media accounts, support paid social media advertising
Activity 3: Media engagement	Engage mainstream media to further disseminate centre's output/ success stories- sharing compelling articles with local and international media.

Activity 4: Production of communication materials- newsletters, brochures, factsheets, infographics, videos, engaging images (photo repository/image bank)	Produce 2 newsletters and a comprehensive video/pictures/book compendium of IMPACTS that highlight success stories, key activities, calls for applications and events of the centre.
Action 6: Enhance Fiduciary Activities in the University/DLI Action 6	
Sub Action 6a: Enhance fiduciary activities	
Activity 1: Fiduciary Reporting, Audit and Procurement Support	Support training and information systems upgrade for the finance, internal audit department, procurement units to enhance timely reporting
Sub Action 6b: Improve efficiency in administrative and other activities	
Activity 1: Procurement/Accounting and Administrative Software/Training	Procurement/accounting/administrative Software to manage ACE-PUTOR inflow and out flow goods and services
Action 7: Create Institutional Impact/DLI 7	
Sub Action 7a: Digital infrastructure	
Activity 1: Fund the development of a navigational software and mapping of relevant structures in the university	Ease of navigation around the university, improve efficiency in administrative processes in the University
Sub Action 7c: International Institutional Accreditation	
Activity 1: Conclude International institutional accreditation	Conclude international institutional accreditation with QAA-Global
Sub Action 7d: Enhance University Image & Accessibility	
Activity 1. Video tour documentary of the Centre and entire University	Public relation and virtual marketing of the University for enhanced visibility
Activity 2. Subscription to ScienceDirect and SCOPUS databases	Subscribe to federated ScienceDirect and Scopus database for the University in partnership with ACE CEFOR
TOTAL	

 On Schedule

 Behind Schedule

Partner Contribution (if relevant)	2025 Q1			2025 Q2			2025 Q3
	Jan	Feb	Mar	Apr	May	Jun	Jul
	1,250	1,250	1,250	1,250	1,250		
	2,000						
	5,000	5,000	5,000	5,000			
					45,000		

		1,000		1,000		1,000		
		2,000						
		2,000						
		8,000						
		30,000						
		15,000						
lization)								
		3,000						

		2,000						
					80,000			



			5,000					
		1,000	1,000	1,000	1,000	1,000		
				10,000				



				10,000				
		20,000	20,000		20,000			
			5,000					

on, research publications and improved teaching and research infrastructure)

		5,000		5,000			
			2,000				
		7,500					
		5,000					
		35,000					
	65,000						
	125,000						

ough externally generated revenue, internships, and entrepreneurship)

		5,000		3,000					
		5,000		5,000					
		1,250		1,250			1,250		
		30,000							
			10,000						
				1,000		10,000			
		1,000		1,000					
			2,000			5,000			

		8,000						
		1,000						
		6,000	10,000					
			3,000					
				5,000				
			500		500			
		1,000		1,000				
			500					
						500		

				5,000			500			
		1,000		1,000						
		20,000								
		20,000								
		5,000	75,000							
				10,000						
		55,000								
	-	441,500	190,750	63,500	-	127,750	50,500	-	-	-

		2025 Q4			Milestone/Output
Aug	Sep	Oct	Nov	Dec	
					Timely and accurate implementation of 2025 project plans together with timely achievements of DLIs. At least, 4 Minutes of meetings/list of attendance for management committee, 2 for steering committee, 2 for academic board, 1 for sector advisory committee and 12 reports on management's engagement with stakeholders
					Production of the ACE-PUTOR Strategic Business feasibility reports, business plans, business set-up
					Number of joint projects executed; number of industry-based faculties; external revenue generated
					WB and AAU biannual workshops attended - Center Steering Committee equipped and updated with current practices, WB, AAU guidelines, discussions and review of progress reports.

							NUC meetings and trainings attended - Center leadership equipped with relevant updates for project implementation
							Enhance Digital security for all 54 systems in the centre and the centre's website
							Effective education management system and effective management information systems in collaborating faculty and colleges.
							This will enhance the efficiency of administrative staff and would support the delivery of lectures
							Uninterrupted power supply. This will support effi
							Enhanced capacity for modern innovative assessment of skills and learning outcomes

						Copies of academic materials, students' handbook, manuals, examination materials, Stationeries,etc.
						Scholarships awarded, Excellence in research and education.
						Regional Student accommodation and upkeep
						Number of onsite students' lecture for which lunch was provided
						Industry ready Graduates able to profer real world solutions and compete with their peers anywhere in the world
						Support provided to enhance excellence in research and education.
						Short courses, AAU meetings, Conferences and trainings attended- Center leadership equipped with relevant updates for project implementation. Attendance certificates, Minutes of meetings, etc.
						Build the capacity of core staff of the Centre for the sustainability of the centre Post-ACE IMPACT

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						laboratory support for students, modern laboratory equipment, reagents, and process in the temporary structure.
						Showcase PUTOR's research and community intervention activities and sustainable impact.
						Beneficiaries who received these support and have concluded their research
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						Copies of books and volumes of journals and periodicals
						Installed multiparameter air quality monitoring equipment
						Fully furnished and equipped PUTOR building
						Fully furnished and equipped PUTOR building
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						Improve patronised and assure quality of laboratory processes in the Centre
						Have well trained staff and academics with award winnings grant writing skills, research entrepreneurship and patents
						Build the capacity of professionals in the African Subregion on identifying and managing toxicological risk in line with PUTOR's regional impact mandate
						Have well trained entrepreneurs with sound innovations and patents
						Approved policy on seed grant. Details of recipients of seed grant
						office set up, deployment of human resources, record of consultations
						Number of publications accepted with national partners

							New Journal of Public Health and Toxicological Research Established and existing journals enhanced in terms of visibility, availability and
							Visible page/ tab on centre's website outlining the various research undertaken byPUTOR
							Number of staff benefited from focused training, exchanges and certification
							Produce a well acceptable plan and implementation forlocal/regional/international internship, students' placement
							Globally acceptable research, curricula, innovations and patents. Strategic partnership for sustainability
							One (1) communications strategy Quarterly action plan in line with the communication strategy
							Active website links. Monthly update with latest information (at least three posts per month) . Annual revamp of website
							Minimum of 3 posts weekly. Use analytics to track social media engagements
							At least 1 mainstream feature quarterly.

							Production of quarterly/ bi-annual newsletters, documentary of ACE IMPACT Intervention in books, videos and picture gallery One (1) factsheet One (1) brochure Image Repository
							Strong Fiduciary reporting, internal audit and procurement systems
							Ease of administrative, procurement and financial processes in the Centre
							Ease of navigation within the university
							Correction of gap areas following institutional improvements and achieve final accreditation by
							Video documentary of the University
							Functional database of all Alumni of the University of Port Harcourt, their destination, activities and contribution to their Alma Mater
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If NEW, Provide Justification	Estimated Budget(\$)	Estimated Revenue (\$)	Contribution from Partner (\$)	Person Responsible
	6,250	100,000		Centre Leader
Commence the implementation of the provisions in the ACE PUTOR Sustainability Plans which will assist the centre transition from the current funding cycle to ensure the activiteis and gains of the ACE IMPACT Project is sustained	2,000		10,000	Centre Leader
	20,000	150,000	50,000	Centre Leader/Partnership Coordinator/ M&E
The ACE @ 10 event will hold in June 2025 and will bring together major stakeholders to appraise impact and the way forward for sustainable development of higher institutions of learning in Africa. ACE-PUTOR will support the participation of a high powered delegation to this	45,000	0		Centre Leader

Need to attend project facilitation trainings/meetings organised by the NUC. NUC meetings are organized regularly howbeit for different groups – Centre leaders/Deputy Centre leader, M&E, Finance Officers, procurement Officers, Safeguard Officers, Communication Officers, University-wide officers in events related to the ACE Project for which sponsorship is from the ACE IMPACT Fund. We provided estimate for monthly meetings involving 2 persons per month in the AWP but this is just for budget purpose	3,000	0		Centre Leader
	2,000	0		Procurement
	2,000	0		Procurement
	8,000			
Need for laptop for administrative and academic tasks at the Centre	30,000	0		Procurement
This will enhance efficient and effective utilization of infrastructure together with routine activities and processes	15,000	0		Procurement
Driving innovation that reduces bias in assessment of skills for 21st century learning	3,000	0		Centre Leader

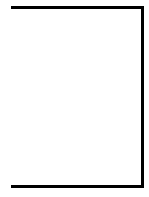
Major revisions of academic materials conducted in 2024 will be printed and disseminated to trainees	2,000	0		Centre Leader
Award of the last batch of training scholarship and payment of entitlements for all PhD in the last session will be made to avoid truncation in their academic programmes	80,000	40,000		Centre Leader
	5,000	0		Centre Leader
	5,000	0		Centre Leader
	10,000			Centre Leader
	10,000	0	40,000	Centre Leader
	60,000	0		Centre Leader/ M / E
In-country training of staff in translational research and implementation science that will support the paradigmatic shift in productivity and relevance of Centre's faculties to sustainable development of the local economy	5,000			Centre Leader

This will help produce high performing students able to utilize new laboratory equipment/supplies	10,000	0	4,000	Centre Leader
Involvement of all sector, industries and academic partners, establish the presence and impact of the center within the university, state, nation and region	2,000	0	3,000	Centre Leader
Supporting PhD candidates to embark on novel and original research	7,500			Centre Leader
To ease learning challenges, enhance access to print literature/ Preference for use of ACE-PUTOR library by students and faculty for increased scholarship, innovative research, publication and patenting	5,000	0		Procurement
Multiparameter versatile air quality monitor measuring multiple ambient parameters, including PM1, PM2.5, PM10, CO, CO2, SO2, NO2, O3, and H2S, Ambient Noise, Light, UV, Temperature, and Humidity. This solar-powered multiparameter approach provides detailed insights into the environmental health of the ACE-PUTOR premises and University Neighbourhood. It will be useful for research and long term monitoring and control of environmental conditions	35,000	0		Procurement
To improve teaching and learning in the Centre of excellence	65,000	0		Procurement
To improve teaching and learning in the Centre of excellence	125,000	0		Procurement

Important contributor to the quality assurance and patronage of the laboratories for the sustainability of the Centre	8,000			Laboratory Supervisor/Facility Manager
Short courses will be developed to international standard to support local capacity development and optimisation of the human and material resources in the centre	10,000			
Improve the resourcefulness of staff and academics in UNIPORT and beyond	3,750	5,000	5,000	Centre Leader/M&E
Sustain collaboration between PUTOR and partners	30,000			Short course coordinator
Guarantee support of entrepreneurship, innovations and patents	10,000	100,000	15,000	Centre Leader
Inspire entrepreneurship among students and faculties in the Centre and University	11,000			Centre Leader
improve the capacity of staff and students on start-ups and spin-offs	2,000			Centre Leader
Need for research/ publications into new areas of knowledge in partnership with national partners	7,000	30,000	15,000	Applied Research Coordinator

Dissemination of scientific findings	8,000			Centre Leader and Editor-in-Chief of the Centre's Journal
To highlight and make visible the research output from PUTOR	1,000			Centre Leader, Communication Officer,
Have a well robust design and development plan for local/regional/international internship and staff placement	16,000	8,000	10,000	Centre Leader
Have a well robust design and development plan for local/regional/international internship and student placement	3,000	0	20,000	Centre Leader; Industry Liaison Officer
Enhance networking and knowledge transfer	5,000		30,000	Centre Leader
To streamline and provide guidance to centres' communication and visibility activities.	1,000			Centre Leader
	2,000			Centre Leader, Communication Officer, Head of IT Unit
To promote visibility of the centres activities and quick updates/engagement with stakeholders, including students – both existing and potential	500			Centre Leader, Communication Officer, Head of IT Unit
To reach out to key stakeholders and the public for enhanced visibility	500		2,000	Centre Leader, Communication Officer, Head of IT Unit

To increase awareness on centres activities to all stakeholders	5,500		5,000	Centre Leader, Communication Officer, Head of IT Unit
To ensure ease of project financial management and procurement processes. This will aid in achieving the goals of the Center	2,000	50,000		Centre Leader
For tracking, analysis and internal monitoring of purchased items and distribution	20,000		5,000	Procurement
This boosts institutional impact and improves efficiency in the university's administrative management system	20,000	0	15,000	Centre Leader/ DVC R&D
This would enhance the quality improvement drive of UNIPORT	80,000	200,000		Centre Leader/ Vice Chancellor
Improved intangible (reputation) asset of the University	10,000	0		Centre Leader/ Vice Chancellor
Improved access to databases for research	55,000	0		Centre Leader/ Vice Chancellor
-	874,000	683,000	229,000	





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