

Name of Centre:	Covenant Applied Informatics and Communication Africa Centre of Excellence (CApIC-ACE)																							
Institution:	Covenant University, Ota												On Schedule											
Country:	Nigeria																							
Center Leader:	Prof. Emeka E. J. Iweala												Behind Schedule											
Annual Workplan:	January 01 - December 31, 2024																							
Work Plan Activities	Description	Partner Contribution (if relevant)	2024 Y5Q1			2024 Y5Q2			2024 Y5Q3			2024 Y5Q4			Milestone/Output	If NEW, Provide Justification	Estimated Budget(\$)	Estimated Revenue (\$)	Contribution from Partner (\$)	Person Responsible				
			Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sept	Oct	Nov	Dec										
Action 1: DL1.1 Centre Administration and Management																								
Sub-Action 1a (1.1 -1.5): Attendance of trainings and ACE workshops and Communication																								
Activity 1.1: Support for Faculty and Staff to participate in special trainings, workshops and conferences	To have both Faculty and Staff in the Centre attend relevant trainings to enhance the quality of their delivery and effectiveness. These trainings can either be virtual or onsite.	Not applicable													About thirty (30) faculty and staff trained in the centre operations	The regular training of faculty and staff in the Center is a recurring activity for the centre in order to enhance effectiveness and understanding of the Center's activities	50,000	0	0	Centre Leader & Project Manager				
Activity 1.2: Support for selected Faculty and Staff to attend ACE Impact Regional workshops and other meetings (virtual & onsite).	Plan to have the relevant Faculty and Staff attend ACE Impact Regional workshops (virtual and onsite).	Not applicable												About Ten (10) centre faculty and staff participants in the ACE Impact Regional Workshops.	Attendance of the ACE Impact Workshops is compulsory for all Centers in the project	72,000	0	0	Centre Leader, Deputy Centre Leader, M&E Officer, Project Manager, & Project Manager					
Activity 1.3: Organise trainings on sexual harassment, environmental management and safeguard for Faculty, Staff and Students.	Plan to have all the Center's Faculty, Staff and Students to attend training sessions on sexual harassment, environmental management and safeguard	Not applicable												Number of Center faculty, staff and students who received updated training on sexual harassment policy and grievance reporting procedures	The old and new personnel on the project must regularly be up to date as regards the approved policies of the Centre, especially sexual harassment	2,500	0	0	E&S Officer, Communication Officer & Project Manager					
Activity 1.4: Organise three (3) Collaboration and partnership visits	Plan to establish research partnerships with other centres and institutions in the region and beyond	Our partners will provide local transportation and meeting logistics for the visits												Three (3) research partnerships and collaborations established	New research partnerships are required to expand our research networks and activities in the region	20,000	0	1,000	Centre Leader, Deputy Centre Leader & M&E Officer					
Activity 1.5: Communication of centre activities and events	The Center plans to issue periodic press releases as text stories or photostories in at least 2 reputable or most preferred national dailies.. The stories will cover major activities, research and other relevant details of the Center. The link(s) of the press statement(s) will be made available on the Center's website and other social media handles after	Our partners will provide the needed information on centre-related activities												Increased communication of the Center's activities in the print, electronic and social media	In order to effectively communicate the Center's activities, there is need to budget for various initiatives in this regard.	10,000	0	0	Communication Officer, Admin Lead & Project Manager,					
Sub-Action 1b (1.6 - 1.7): Procurement of essential office equipment and stationery																								
Activity 1.6: Provision of monthly running cost (imprest)	In order to ensure smooth running of the Centre Admin office, we plan to allocate money for imprest each month.	Not Applicable												Effective centre administrative operations	Monthly imprest is required to effectively run the Center Administration	6,000	0	0	Admin Lead, Project Accountant & Project Manager					
Activity 1.7: Purchase of essential office equipment and accessories	To purchase required office equipment and accessories	Not Applicable												Furnished and equipped Centre Offices	Basic office items to be provided or replaced on a regular basis to aid the operations of the Center	20,000	0	0	Centre Leader, Admin Lead & Procurement Officer					
Sub-Action 1c (1.8 - 1.10) Periodic meetings with partners, SAB and ISAB																								
Activity 1.8: Organisation of statutory meetings with partners (CRG, MRG & FEDGEN)	To hold periodic meetings (at least 2) with all our national and regional partners (online and onsite).	National and Regional partners are expected to attend the meetings												Recordings and minutes of meetings with our partners.	Regular meetings with our partners is a recurring event in the course of this project to ensure they are carried along with our plans and progress made.	5,000	0	0	Center Leader, Deputy Centre Leader, M&E, Project Manager, Admin Lead, Applied Research Coordinator, Academic Officer, Project accountant & Procurement Officer					
Activity 1.9: Organisation of statutory meetings with Sectoral Advisory Board (SAB)	To hold periodic meetings (at least 2) with our SAB members (online and onsite).	Not applicable												Recordings and minutes of meetings with our SAB.	The meetings with our SAB is a recurring event in the course of this project to ensure they are carried along and fully engaged with our plans and progress made.	5,000	0	0	Center Leader, Deputy Centre Leader, M&E, Project Manager, & Admin Lead					
Activity 1.10: Organisation of statutory meetings with International Scientific Advisory Board (ISAB)	To hold periodic online meetings with our ISAB members.	Not applicable												Recordings and minutes of meetings with our ISAB.	The annual meetings with our ISAB is a recurring event in the course of this project to ensure their support and contribution to what we do and progress made.	5,000	0	0	Center Leader, Deputy Centre Leader, M&E, Project Manager, Admin Lead & Centre Website Master					
Action 2: DL1.2 Development Impact																								
Sub-Action 2a (2.1 - 2.7) Development Impact Activities for External Evaluation																								

Activity 2.1: Organize two (2) Prostate and two (2) Breast Cancer awareness and screening outreaches	Organize prostate cancer and breast cancer awareness outreaches and screening events within Ota and Lagos communities in partnership with Local government authorities and Non governmental Organisations	Partners to provide venue and assist with publicity													About 1000 beneficiaries from the Ota and Lagos communities will benefit from the programmes	Awareness outreaches are platforms to disseminate scientific and research information on breast and prostate cancer to the community to reduce the burden of the diseases. It also provides opportunity to collect basic research data. The outreach programme will be advertised in the communities through relevant local authorities. Medical Information will be disseminated to participants through physical seminars and distribution of medical information	19,000	0	3,000	Centre Leader, Project Manager, Applied Research Coordinator, Communication officer & Cancer Research Group (CRG)
Activity 2.2: Organize a Cancer medical mission	Organize a medical outreach and mission within Ota community in partnership with Mayo Clinic Cancer Center, USA and ACE Medicare, Ota, Nigeria	ACE Medicare will provide facility for the medical outreach; Mayo clinic will provide resource persons for the mission													The programme would impact about 600 beneficiaries from the Ota community	The medical mission will provide free consultation and treatment for cancer and other ailments for members of Ota community	19,300	0	3,000	Centre Leader, Project Manager, Applied Research Coordinator, Communication officer & Cancer Research Group (CRG)
Activity 2.3: Support identification of actionable target for precision care of cancer at National level	Carry out genetic screening for cancer patients in partnership with National Institute for Cancer Research and Treatment (NICRAT) identifying indigent cancer patients that will benefit from Nigerian cancer drug access program	NICRAT will assist in recruitment of the patients													50 cancer patients genetically screened	This will help identify indigent cancer patients that will benefit from Nigerian cancer drug access program	22,000	0	2,000	Centre Leader, Project Manager, Applied Research Coordinator, Communication officer & Cancer Research Group (CRG)
Activity 2.4: Malaria outreach, Stakeholder engagement and awareness program on World Malaria Day	Organize malaria outreach within Ota with the Ogun State Ministry of Health, Ota primary health care workers and Local government on malaria eradication	Ogun State Ministry of Health, and Ota primary health will assist in community engagement and													About 500 participants will benefit, and record of pictures and stories of the event and awareness materials	It is important to engage with the stakeholders to align our research with the governmental policies and strategies for malaria control	5,000	0	1,000	Centre Leader, Project Manager, Applied Research Coordinator, Communication officer & Malaria Research Group (MRG)
Activity 2.5: Infectious diseases epidemiology training for Faculty, Staff and Students	Training on concepts of public health and epidemiology to be conducted by an epidemiologist.	Experts and faculty/staff/students at KNUST, LASUTH and ABUTH will partner with us to understand how diseases develop, the impact and strategies to prevent and control diseases.													Receipts for facilitator payment, training materials, pictures of events, certificate of attendance will be uploaded for verification	This training will strengthen the research capacity of faculty and students	5,000	0	1,000	Centre Leader, Project Manager, Applied Research Coordinator & Malaria Research Group (MRG)
Activity 2.6: Surveillance studies on malaria incidence rates across partners' communities	Conduct malaria surveillance to monitor malaria incidence within partners communities (national and international)	Ogun State Ministry of Health, and Ota primary health will assist in community engagement and mobilisation for the programme.													Malaria surveillance data from multiple partner communities will be obtained	Epidemiological data for the region will be updated for improved malaria surveillance and control strategies	18,000	0	2,000	Centre Leader, Project Manager, Applied Research Coordinator & Malaria Research Group (MRG)
Activity 2.7: Showcase the FEDGEN-PHIS to the public during Cancer Awareness Outreach by the CRG and Malaria Outreach by the MRG	Collaborate with CRG and MRG to create awareness on the public health education content on FEDGEN-PHIS during Cancer and Malaria Outreach by the MRG	Similar public awareness would be conducted at Senegal by CEA-MITIC, our DSTN project partner.													Increased number of registered public users as well as engagements (views, likes etc) on FEDGEN-PHIS.	The CAPIC-ACE objective of enhanced public health education on malaria and cancer will be achieved and sustained.	10,000	0	3,800	Center Leadership & FEDGEN Research Group (FRG)
Action 3: DLI 3 Quantity of Students																				
Sub-Action 3a (3.1): DLI 3.1 (PhD students), DLI 3.2 (Masters students)																				
Activity 3.1: Recruit forty (40) students into our postgraduate programmes	To recruit a total of 40 postgraduate students in the following programmes: Biochemistry, Computer Science, Microbiology, Bioinformatics, Chemoinformatics & Information and Communication Engineering(ICE)	Partners to assist in attracting qualified students especially in the region.													Increased number of postgraduate students enrolled for Masters and PhD programs of the Centre.	Students recruitment is a recurring activity aimed at building capacity of postgraduate students to answer research questions in Malaria, Prostate and Breast cancer. A total of 40 students will be recruited comprising of 10 PhDs (3 regional female, 1 regional male, 4 national female and 2 national male students) and 30 masters (7 regional female, 3 regional male, 12 national female and 8 national male students). Budget covers stipends, tuitions, flight tickets	198,000	0	0	Deputy Centre Leader, Dean School of Postgraduate Studies, M&E Officer, Academic officer, Admin Lead & Project Manager
Sub-Action 3b (3.2 - 3.13) DLI 3.3 (Short Term Courses)																				

Activity 3.2: Organize Malaria Genomics Workshop at Covenant University	Organize hands on training workshop on malaria genomics analysis such as quality control, variant calling and annotation	Students and researchers from partner sites will participate in the training														Picture evidence, attendance and certificates	This training will improve genomics research capacity of faculty and students	14,000	0	0	Centre Leader, Project Manager, Applied Research Coordinator & Malaria Research Group (MRG)
Activity 3.3: Capacity Training on Report writing, Monitoring and Evaluation for faculty	To develop knowledge and skills in report writing, grant management and how to conduct monitoring and evaluation of projects.	Not Applicable														Training reports, picture evidence, invoice and receipts for organizing the training, attendance	To improve capacity for research monitoring, evaluation and reporting in preparation towards the grant reporting year	8,500	0	0	M&E Officer, Admin Lead & Project Manager
Activity 3.4: Organise Cancer Genomics Workshop for faculty, staff and students	Partnership with ISN to Organize hands-on workshop on cancer genomics	ISN will provide reagents and technical support for the workshop														100 faculty, staff and postgraduate students at partner sites trained	This training will strengthen the research capacity of faculty and students in gene sequencing	40,000	0	1,300	Centre Leader, Project Manager, Applied Research Coordinator & Cancer Research Group (CRG)
Activity 3.5: Organise Cancer Genomics Training at Partner sites	Organize training on cancer genomics for partners	Partners to provide venue and logistics for the training														100 faculty, staff and postgraduate students at partner sites trained	This training will strengthen the research capacity of partners	50,000	0	4,000	Centre Leader, Project Manager, Applied Research Coordinator & Cancer Research Group (CRG)
Activity 3.6: Organise Cancer Genomics and Precision Oncology Conference	Partnership with Prostate Cancer Transatlantic Consortium (CaPTC), Prof Odedina, ACEMedicare Clinic, University of Nigeria Teaching Hospital (UNTH), Lagos State University Teaching Hospital (LASUTH), to organize a conference on Cancer genomics for African population	CaPTC, Prof Odedina, ACEMedicare, UNTH, LASUTH will provide resource persons														100 participants at the conference	This conference will provide the platform to share the research information and results on Cancer genomics	20,000	25,000	5,000	Centre Leader, Project Manager, Applied Research Coordinator & Cancer Research Group (CRG)
Activity 3.7: Organise professional training on Cancer Genomics for postgraduate Students, Faculty and Clinicians	This is a paid short term professional workshop on Cancer genomics targeting mostly faculty, postgraduate students and Clinicians	Our Partners will provide resource persons and reagents														100 faculty, postgraduate students and clinicians trained	This training will strengthen the research capacity of faculty, students and clinicians in cancer genomics research	30,000	35,000	3,000	Centre Leader, Project Manager, Applied Research Coordinator, Communication officer & Cancer Research Group (CRG)
Activity 3.8: Organise short-term professional training on Biostatistics	Organize a paid short term professional training on Biostatistics for students and faculty	Partners to provide resource persons for the training														100 faculty, postgraduate students and clinicians trained	This training will strengthen the research capacity of faculty, students and clinicians in Biostatistics	10,000	15,000	1,000	Centre Leadership & Cancer Research Group (CRG)
Activity 3.9: Organise short-term professional training on Cloud & High Performance Computing (C&HPC) for postgraduate students and practitioners - hybrid (3rd HPC Workshop)	The training is on in-depth knowledge of cloud and high performance. It will be hybrid (online and onsite) with facilitators drawn from global IT giants. The target participants are research students, researchers and practitioners.	Relevant partners to assist with providing facilitators and logistic support.														To enhance the knowledge base of postgraduate students, industry practitioners and researchers on Cloud and HPC.	This will provide state-of-the-art skills and hands-on experience on Cloud and HPC for postgraduate students, industry practitioners and researchers.	32,000	50,000	1,500	Deputy Center leader, FRG Team Members, M&E Officer, Communication Officer, Project Accountant & Procurement Officer.
Activity 3.10: Organise short-term training on the use of HPC for faculty and students of Covenant University and Academic Partner Institutions (Landmark University, Afe Babalola University, Ado-Ekiti (ABUAD), and Université Libre des Pays des Grands Lacs, Democratic Republic of Congo)	The training will impact the prerequisite skills on participants in the use of HPC in research	Partners to provide venue and logistics for the training														To enhance the understanding and use of the deployed HPC for research	This will help to put the deployed HPC into maximize utilization	32,000	5,000	1,000	Centre Leadership & FRG
Activity 3.11: Three-month Research fellowship for 3 Ph.D students at selected partners' institutions.	The research fellowship for the Ph.D students in FEDGEN group will take place after the completion of their course works and presentation of departmental and college proposals in their. Hosting for the fellowship will be provided by the FEDGEN international collaborators at research laboratories that are relevant to the students' research topics	Provision of laboratory space, technical support and funding support														To complete their research objectives and produce their draft theses and journal manuscripts.	To access the needed equipment that are not readily available at CApIC-ACE	30,000	0	10,000	Center Leader, Deputy Center leader & FRG
Activity 3.12: Short term Research Capacity building and strengthening for centre Faculty and Staff	Capacity building and strengthening in relevant research techniques for centre Faculty and Staff for effective delivery of centre research objectives	Not applicable														Increased number of faculty trained in cancer, malaria and cloud computing research techniques	This activity will improve the quality of research and research outcomes from the centre	100,000	0	0	Center Leader, Deputy Center Leader, Members, Project Accountant, Project Manager & M&E Officer.

Activity 3.13: Organise Azure professional training/certification on Cloud computing for postgraduate students and regional partners	Interns, Masters and Ph.D students in the FEDGEN group will be required to do virtual training on Cloud Computing by Microsoft.	Microsoft (i.e. Industry Partner) to provide online trainings and certifications on MS Azure to improve technical capacity on Cloud Computing for FEDGEN postgraduate students, faculty and staff.																	Improve the capacity of students and researchers on Cloud computing	This will provide needed hands-on training and industry certification for students both onsite and partner sites.	22,000	0	5,000	FEDGEN Research Group (FRG) Team Members, Microsoft, M&E Officer, Communication Officer, Project Accountant, Project Manager & Procurement Officer.
Action 4: DLI 4 (Quality of Education)																								
Sub-Action 4a (4.1 - 4.2) DLI 4.1a (National accreditation)																								
Activity 4.1: Revise and modify postgraduate curriculum in Microbiology	To revise and modify postgraduate curriculum in Microbiology for gap and self assessment, ready for national accreditation.	Not applicable																	The modified curriculum with gap and self assessment completed	The modification will enhance the quality of teaching and learning of the Microbiology postgraduate programmes.	5,000	0	0	Centre Leadership, HOD Biological Sciences, Dean, School of Postgraduate Studies, M&E Officer & DAPU
Activity 4.2: Support the Modification of curricula for the Bioinformatics postgraduate programs	Work with the Department of Computer and Information Science and the University Management to ensure a review of the curricula for Bioinformatics postgraduate programmes	Not applicable																	The modified curriculum with gap and self assessment completed	The reviewed curriculum will enhance the quality of teaching and learning of Bioinformatics postgraduate programmes	5,000	0	0	Centre Leadership, HOD Computer and Information Science, Dean, School of Postgraduate Studies, M&E Officer & DAPU
Sub-Action 4b (4.3 - 4.7): DLI 4.2a ACE International research publication with national partners & DLI 4.2b ACE International research publication with regional partners																								
Activity 4.3: Biospecimen collection, processing, storage, DNA/RNA (cDNA synthesis), library preparation and Sequencing	Collect and process biospecimen for genomics sequencing in partnership with partner sites	Partners to assist in collection and processing of biospecimen																	Processed and sequenced biospecimen	This is to meet our research objectives and joint research publications	72,100	0	5,000	Centre Leader, Project Manager, Applied Research Coordinator & Cancer Research Group (CRG)
Activity 4.4: Bio-banking of biospecimen from Cancer patients	The biospecimen will be collected from our partner sites	To assist with patient recruitment, data collection and processing																	Biospecimen to be recorded	This is to meet our research objectives and joint research publications	31,300	0	2,000	Centre Leader, Project Manager, Applied Research Coordinator & Cancer Research Group (CRG)
Activity 4.5: National and regional malaria epidemiological study and resistance mapping Malaria Surveillance and Biobanking (of blood samples, filter paper blots)	Participants recruitment, Sample/data collection, processing for genomics	To assist with patient recruitment, data collection and processing																	Surveillance data, results and lab notes	This is to meet our research objectives and joint research publications	16,000	0	1,000	Centre Leader, Project Manager, Applied Research Coordinator & Malaria Research Group (MRG)
Activity 4.6: Malaria DNA/RNA (cDNA synthesis), Gene amplification and Protein, and Sequencing	DNA/RNA extraction for sequencing and mutational burden analysis	Not applicable																	Lab notes, PCR amplicons and sequenced data	This is to meet our research objectives and joint research publications	30,000	0	0	Centre Leader, Project Manager, Applied Research Coordinator & Malaria Research Group (MRG)
Activity 4.7: Preparation and submission of Journal manuscripts with National and Regional Partners by FEDGEN Research Group (FRG)	To prepare and submit as many manuscripts on FEDGEN projects	All our national and regional partners will be involved in the activity																	We intend to generate quality publications in SCOPUS-listed journals	This is to meet our research objectives and joint research publications	18,252	0	2,082	Centre Leadership, FRG Team Members, Project Accountant, Project Manager & M&E Officer
Sub-Action 4c (4.8 - 4.14) DLI 4.3a Infrastructure improvement for research and learning																								
Activity 4.8: Purchase of consumables (for cancer research)	Procurement of reagents for analysis of biospecimen	Not applicable																	Increase in cancer genomics data of Africans	This is to meet our research objectives	140,500	0	0	Centre Leader, Project Manager, Applied Research Coordinator, Procurement Officer & Cancer Research Group (CRG)
Activity 4.9: Purchase of consumables (for malaria research)	Procurement of reagents for analysis of biospecimen	Not applicable																	Increase in malaria epidemiology/genomics data from the region	This is to meet our research objectives	90,050	0	0	Centre Leader, Project Manager, Applied Research Coordinator, Procurement Officer & Malaria Research Group (MRG)
Activity 4.10: Maintenance of cancer genomics laboratory and other laboratories in the center	Purchase, replacement and repair of basic laboratory infrastructure and equipment	Not applicable																	Optimal functional labs and equipment	This is for continuous research activities	50,000	0	0	Centre Leader, Project Manager, Applied Research Coordinator Procurement Officer & Cancer Research Group (CRG)
Activity 4.11: Purchase of equipment (CRG partner sites)	We plan to purchase basic equipment such as Centrifuges, freezers etc. and install at partners sites	Selected partners to provide the space and manpower for the installation of the equipment																	Equipped partner sites for short term biospecimen storage	This is for collaborative research with partners	50,222	0	4,000	Centre Leader, Project Manager, Applied Research Coordinator, Procurement Officer & Cancer Research Group (CRG)

Activity 4.12: Procurement of computers and furniture for a bioinformatics laboratory	Procurement of computers, computer tables, chairs, smart boards, speakers etc for a dry laboratory	Partners from Federal Polytechnic, Ilaro, Landmark university and University of Ilorin will be invited for training in the lab														Bioinformatics data on malaria parasites and vectors in circulation will be generated.	This is for collaborative research with partners	80,200	0	0	0	Centre Leader, Deputy Center leader, Project Manager, Applied Research Coordinator Procurement Officer & Malaria Research Group (MRG)
Activity 4.13: Continuous upgrade and maintenance of Cloud, HPC, RF and Edge-AI infrastructures for FEDGEN Datacenter and Testbeds.	We plan to procure additional equipment for the FEDGEN Datacenter/Testbeds. These include HPC servers, RF/networking equipment, Edge-AI/IIoT devices and components. This is to upscale the infrastructure for cloud computing and related technologies for the research communities and relevant industrial stakeholders. Continuous maintenance of the infrastructure for uninterrupted operation is also planned as well as the procurement and	Collaborating institutions that are hosting FEDGEN Testbeds to work with the group for desired continuous upgrade and maintenance.														Continuous scaling of computational resources for research computing.	This is for collaborative research with partners	70,277	0	0	0	Center Leader, Deputy Center Leader, Director, Centre for Systems and Information Services, Procurement Committee, Project Accountant, Project Manager & M&E Officer
Activity 4.14: Iterative/Continuous design, implementation, deployment and maintenance of FEDGEN_HealthEduApp Cloud Applications (i.e. FEDGEN-PHIS and FEDGEN-DataHub).	Periodic Bootcamps will be organised for partners participation as well as outreach/training in our partner sites. FEDGEN-PHIS is an online knowledge base for public health information on Malaria and Cancer. It is currently hosted on the FEDGEN private cloud platform with the URL: https://fedgen.net/phis . We intend to carry out continuous upgrade and testing of this cloud application. FEDGEN-DataHub is an online repository where "omics" datasets collected by the Malaria and Cancer Group from research subjects within Africa are archived. We intend to carry out continuous design, implementation and deployment of the application. We will also organise periodic Bootcamps	The different phases of the apps development lifecycle, Bootcamps/outreach/training will be carried out in collaboration with CEA-MITIC, Senegal - our DSTN partner as well as our academic partners(Landmark University,														CodeBade for FEDGEN-PHIS and FEDGEN-DataHub on FEDGEN GitHub repositories. Online access to improved FEDGEN-PHIS at https://fedgen.net/phis . Online access to implemented and deployed FEDGEN-DataHub at https://fedgen.net/datahub .	Not Applicable	13,000	0	0	0	Center Leader, Deputy Center Leader, FEDGEN Software Engineering Subgroup Team Lead, Collaborators on FEDGEN-HealthEduApp in MRG and CRG, Procurement Officer, Project Accountant, Project Manager & M&E Officer
Action 5: DLI 5 (Relevance of Education & Research)																						
Sub-Action 5a (5.1 -5.5): DLI 5.1a External generated revenue from private sector																						
Activity 5.1: Grant development and writing retreat for MRG, CRG & FRG (Cloud & High Performance Computing with DSTN Partners)	We plan to have at least two grant development and writing retreat in the year for the members of CapI-C-ACE	Selected national and regional partners will be involved by providing relevant details and documents needed for the various applications														Five (5) research grant proposals worth at least 500,000 USD each submitted for funding considerations. 1,000,000 is projected to be realised from successful applications by July while the balance of 1,500,000 is projected to be realised from successful applications by	This will generate income for sustainability of the centre and harmonisation of research goals	20,000	2,500,000	0	0	MRG Team Members, CRG Team Members, FRG Team Members, M&E Officer, Project Accountant, Project Manager & Admin Lead
Activity 5.2: Provide paid research and related laboratory services for cancer genomics	Engage in research contract for genomic analysis	Not applicable														Record of paid laboratory services provided	This will generate income for sustainability of the centre and provide services to the community	45,000	60,000	0	0	Centre Leader, Project Manager, Applied Research Coordinator & Cancer Research Group (CRG)
Activity 5.3: Provide paid research and laboratory services for malaria diagnosis and drug/insecticide development	Engage in research collaboration/contract for drug/insecticide synthesis and testing	Not applicable														Funds (IGR) will be generated to the center from paid services	Not Applicable	30,000	45,000	0	0	Centre Leader, Project Manager, Applied Research Coordinator & Malaria Research Group (MRG)
Activity 5.4: Subscription based computing and storage services on the FEDGEN Datacenter	Provision of different subscription based computing and storage services at the FEDGEN Datacenter. The subscription options will be Free, Basic, Professional	Not applicable														Functional FEDGEN Datacenter, Online subscription plans for clients, Income to the center's IGR account	Research computing services will be provided for researchers and research students at subsidised rate compared to commercial cloud platforms.	20,000	25,000	0	0	Centre Leader, Project Manager, Applied Research Coordinator, Procurement Officer & FEDGEN Research Group (FRG)
Activity 5.5: Organize launching of endowment fund for the centre	We plan to collaborate with our host university to organise a launching of an endowment fund for the centre	Our host University will provide logistics related to identifying and reaching out to potential Launchers of the														Amount of money raised from the launch of endowment fund	This will generate income for sustainability of the centre and harmonisation of research goals	20,000	50,000	2,000	0	Centre Leader, Deputy Center Leader, M&E Officer, Project Manager & Covenant University Management
Sub-Action 5b (5.6): DLI 5.2a Number of students with at least 1-month internship or staff with placement nationally & DLI 5.2b Number of students with at least 1-month internship or staff with placement regionally																						
Activity 5.6: Internship placement for sixty (60) students and faculty	Professional development for faculty members and students	Not Applicable														All the Centre's faculty member and students are expected to have a first-hand experience of the industry	The 1-month internship program will enable the participants to apply their research to the relevant industry	10,000	0	0	0	Center Leader, Deputy Center Leader, M&E Officer, Project Manager & Admin Lead
Sub-Action 5c (5.7 - 5.12): DLIS.3 Number of new entrepreneurship, innovations, start-up companies, and commercialization support programs																						
Activity 5.7: Organize quarterly meetings on Intellectual property, entrepreneurship and testing facilities	Cordinating quarterly meetings on Intellectual property, entrepreneurship and testing facilities	Not Applicable														Minutes of meetings	The meetings are required for effective coordination of Intellectual property, entrepreneurship and testing facility	6,000	0	0	0	Center Leader, Deputy Center Leader, Project Manager & Admin Lead

Activity 5.8: Training of six (6) officers on intellectual property and entrepreneurship	Support Capacity building workshops for relevant officers involved in intellectual property management	Not Applicable																		Number of officers trained and	The trained officers will effectively coordinate Intellectual property and entrepreneurship at the centre and university	10,000	0	0	0	0	Center Leader, Deputy Center Leader & Director CUCRID
Activity 5.9: Award Innovation seed grant disbursement to ten (10) beneficiaries	Disburse seed grants on innovation to successful applicants	Not Applicable																	About 10 funded applications.	The seed grant will boost innovative research and produce tangible products from research	15,000	0	0	0	0	Center Leader, Applied Research Coordinator, Project Accountant, Project Manager & Admin Lead	
Activity 5.10: Organize three (3) Innovation seminars	We plan to organise two (2) online and one (1) physical seminars on innovation	Not Applicable																Number of faculty, staff and students trained, pictures of events	The seminar will promote innovation activities in the centre and University	10,000	0	0	0	0	Center Leader & Director CUCRID		
Activity 5.11: Engagement of Intellectual property Consultant and Business Development Consultant	Engage consultancy services on intellectual property and business plans for the centre	Not Applicable																Advertisement for Consultancy positions, Letter of engagement of consultants, Business plans.	This will increase Intellectual properties from the centre and position the centre for income generation for sustainability	16,000	0	0	0	0	Center Leader, Deputy Center Leader, M&E Officer, Project Manager & Admin Lead		
Activity 5.12: Provision of services through the use of NMR and Sequencer	Provide paid laboratory services using the NMR and sequencer	Not Applicable																Record of paid laboratory services provided	This will generate income for sustainability of the centre and provide services to the community	30,000	50,000	0	0	0	Centre Leader, Project Manager, Applied Research Coordinator & Malaria Research Group (MRG)		
Action 6: DLI 6 Fiduciary Enhancement																											
<i>Sub-Action 6a (6.1): DLI 6.1 Timely fiduciary reporting</i>																											
Activity 6.1: Financial Report and EEP	Provide timely financial report and EEP	Not Applicable																Completed financial report and EEP documents	This is required for proper financial records	1,000	0	0	0	0	Project Accountant & M&E		
<i>Sub-Action 6b (6.2): DLI 6.2 Functioning internal audit unit</i>																											
Activity 6.2: Internal and External Audit Reports	Provide Internal and External Audit Reports	Not Applicable																Completed Internal and External Audit Reports	This is required for proper audit records	10,000	0	0	0	0	Project Accountant & Internal Auditor		
<i>Sub-Action 6c (6.3): DLI 6.3 Web transparency on fiduciary reports</i>																											
Activity 6.3: Upload of Financial reports and documents	Timely upload of Financial reports and documents on Centre website	Not Applicable																Complete Upload of Financial reports and documents	This is required for financial transparency	500	0	0	0	0	Project Accountant & Webmaster		
<i>Sub-Action 6d (6.4): DLI 6.4 Quality of procurement planning</i>																											
Activity 6.4: Procurement Audit	Provide procurement audit	Not Applicable																Completed Procurement Audit	This is required for procurement transparency	1,000	0	0	0	0	Project Accountant, Internal Auditor & Procurement Officer		
Action 7: DLI7 Institutional Impact																											
<i>Sub-Action 7a (7.1) : DLI 7.3a ACE host university adopts GAP analysis as part of international accreditation</i>																											
Activity 7.1: Management and governance of the University's processes, procedures and tools, as well as the human resources	The University will further improve on its management and governance of processes and procedures, as well as the human resources in line with the drive for a world class	Not Applicable																Increased efficiency of Center, University Management and Governance	Not Applicable	30,000	0	0	0	0	VC, Registrar, Director CSIS, Center Leader, Deputy Center Leader, Project Manager, M&E Officer & Head Admin		
<i>Sub-Action 7b (7.2): DLI 7.3b ACE host university adopts self-evaluation as part of international accreditation</i>																											
Activity 7.2: Development and Review of Institutional Policies	The University intends to review existing policies or develop new ones to address some of the gaps identified in the Gap Analysis report from QAA.	Not Applicable																Increased Efficiency in the University processes and quality assurances	There is the need to address the identified gaps and reposition the University for institutional accreditation.	30,000	0	0	0	0	VC, Registrar, Director of Academic Planning, DLI 7 & Focal Point		
<i>Sub-Action 7c (7.3 -7.4) DLI 7.3c ACE host university adopts international accreditation</i>																											
Activity 7.3: Quality Assurance Policy Awareness campaigns for all stakeholders	The University intend to conduct awareness campaign on the Quality Assurance Policy and the survey tools	Not Applicable																To create awareness of the policy assurance tools and increased efficiency in the University processes and quality assurances	There is the need to bring all stakeholders on board in the implementation of the quality assurance survey tools.	35,000	0	0	0	0	VC, Registrar, Director of Academic Planning, DLI 7 Focal Point, Chair of Quality Assurance and Academic Standards Committee, Deans & HODs		
Activity 7.4: Conduct three (3) training and Awareness Campaign on the concept of student-centred learning, teaching and assessment for Faculty, Staff and Students	The University intend to conduct trainings and awareness campaign on the concept of student-centred learning, teaching, and assessment for all Faculty, Staff and Students.	Not Applicable																To teach and create awareness on the concept of student-centred learning, teaching and assessment among all stakeholders.	There is the need to ensure that all stakeholders understand and implement student-centered teaching and learning	35,000	0	0	0	0	VC, Registrar, Director of Academic Planning, DLI 7 Focal Point, Chair of Quality Assurance and Academic Standards Committee, Deans & HODs		
<i>Sub-Action 6d: DLI 7.4 ACE host university participate in PASET</i>																											
Activity 7.5: Upgrade of University portal and digitisation of our processes	The University intend to continue in its efforts to upgrade its portal system and digitise its processes	Not Applicable																Increased Efficiency in the University processes and quality assurances	This is part of the University intervention plan towards ensuring effective and efficient data collection, analysis and management in the University processes.	35,000	0	0	0	0	VC, Registrar, Director of Academic Planning, DLI 7 Focal Point, Director of CSIS, and Chair of Quality Assurance & Academic Standards Committee		
<i>Sub-Action 6e: DLI 7.6 ICT Services for Innovation in Teaching and Research</i>																											

Activity 7.6: Payment and renewal of subscriptions, as well as maintenance of ICT facility already deployed for use within the University.	Efforts will be made to renew most of the existing software subscriptions and pay for new ones, as well as manage the ICT facilities deployed for use through the NoREN platform	Not Applicable												Increased efficiency of teaching and research endeavours in the University	Not Applicable	100,000	0	0	VC, Registrar, Director CSIS, Center Leader, Deputy Center Leader, Project Manager, M&E Officer & Head Admin	
																2,061,701	2,860,000	64,682		