



TECHNOLOGY CONSULTS LTD

Consulting in Architecture, Engineering & Surveying

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EMBASSY OF SWEDEN

Kampala



Main Gate
Perspective view 1

Strengthening public universities to generate knowledge and promote research uptake for national and regional development

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Director & Overall Coordinator, Mak-Swe Program
Friday 12th April 2019

OPENING CEREMONY OF THE APM 2019





Embassy of Sweden
Kampala

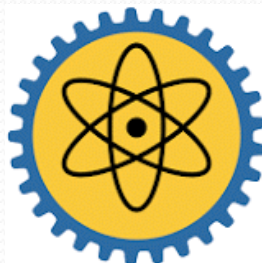




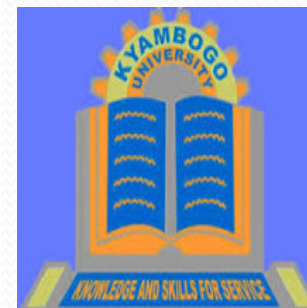
Uganda-Sweden Collaborating Institutions



Mak



BUSITEMA
UNIVERSITY
PURSUING EXCELLENCE



GULU
UNIVERSITY
For Community Transformation

Project Overview and Specific Aims



Embassy of Sweden
Kampala

Title

- Strengthening public universities to generate knowledge and promote research uptake for national and regional development.

Major Objective

- To increase the capacity of Makerere and PPUs to generate knowledge and promote research uptake for national and regional development.

Specific Objectives

- Improve the institutional and research infrastructure to support a robust environment for research and innovations at Makerere University by 2020.
- Strengthen local PhD training in public universities in Uganda
- Increase the generation and dissemination of knowledge and research outputs
- Increase capacity for knowledge translation and innovations
- Increase partnerships and regional synergies for knowledge generation and sharing by 2020
- Improve the coordination and management of research and knowledge uptake
- Increase cooperation with and strengthen capacity of partner public universities

Forms of Support

- PhD training (tuition and research costs)
- Support to supervision training and link with their counterparts in Sweden
- PhD students /supervisors travel grants to attend scientific conferences
- Small competitive research funds
- Competitive research grants, cross cutting courses, Demographic surveillance site (DSS)

Forms of Support

- Support for ICT Infrastructure and Library resources
- Supporting dissemination strategies/ conferences, publications
- Research management and Coordination of the programme (DRGT)
- Supporting regional collaborations and networks

Special Attention!

- Research in Social Sciences and Humanities
- Technology, Innovation and Business incubation
- Quality assurance in Development of Research, Teaching & Supervision
- Cooperation with and capacity strengthening of Ugandan Regional Public Universities
- Synergy and coordination between bilateral and regional research cooperation programs

Infrastructure & Institutional support

- Library
- ICT
- Laboratories and scientific equipment
- Reforms
- Gender Mainstreaming
- Quality Assurance

	PROJECT	UGA BUDGET	SWE BUDGET	IPS BUDGET	TOTAL BUDGET
1	313	11,262,724	3,278,404	128,000	14,669,128
2	316	10,301,000	25,335,280	3,440,000	39,076,280
3	317	9,236,610	13,784,900	2,688,000	25,709,510
4	321	4,412,193	3,506,630	384,000	8,302,823
5	331	7,677,898	3,204,740	352,000	11,234,638
6	334	5,201,287	6,681,193	-	11,882,480
7	343	7,587,242	3,806,000	-	11,393,242
8	344	5,590,336	3,653,096	456,000	9,699,432
9	346	5,567,592	5,293,750	1,057,500	11,918,842
10	362	4,722,410	3,3340,050	638,400	8,700,860
11	372	12,210,492	1,500,000	0	13,710,493
12	374	13,973,827	1,453,821	-	15,427,648
13	376	9,770,252	-	-	9,770,252
14	377	41,189,426	-	-	41,189,426
15	381	10,377,160	9,622,840	-	20,000,000
16	382	3,571,696	1,559,250	-	5,130,946
17	2391	8,314,810	1,685,190	-	10,000,000
	Total	170,966,956	87,705,144	16,327,900	275,000,000



Progress so far

- First disbursement of funds received
- MOUs and Guidelines governing PPU signed
- Research fellowships and Scholarships awarded: PhD & Master degree; postdoc fellowships
- Annual Activity plans, procurement plans and project budgets submitted. Re-submission deadline to the Embassy is on **Tuesday 16th April 2019**.
- Program Committees meeting regularly i.e CMC, PIC and SC meetings.

Monitoring of Student academic progress

- ❖ 120 PhD students
- ❖ 181 Masters students
- ❖ 60 Postdocs have been supported (15 have completed and the rest are progressing)
- ❖ 24 small grant beneficiaries have been supported



Progress so far>>

- PPU have invoiced Mak and tuition has been paid and students have registered
- Sandwich students travelled to Sweden
- PIs/Researchers continue to participate in Regional conference and research meeting
- Research coordination, management and support
- Cross-curricula planned and implemented
- Annual Planning meeting held April, 2019.

Crosscutting courses

- Four PhD crosscutting courses have been conducted

S/N	Course name	Male	Female	Total
1	Advanced Research Methods	45	47	92
2	Philosophy of Methods	40	25	65
3	Advanced data analysis course	23	15	38
4	Advanced quantitative data analysis	25	10	35

Progress so far>>

- PPU have invoiced Mak and tuition has been paid and students have registered
- Sandwich students travelled to Sweden (First Cohort)
- PIs/Researchers participated in Regional conference and research meeting
- Research coordination, management and support
- Cross-curricula approved by senate, Council and now under review by NCHE
- 1st Annual Planning meeting held April, 2016.

Pillars of Sustainability



Project Objectives	Sustainability strategies
<p>SO₁: Improve the institutional and research infrastructure to support a robust environment for research and innovations at Makerere University by 2020</p>	<ul style="list-style-type: none"> ▪ Research training Systems and Structures developed (DRGT, policies, HDRCs) ▪ Research training infrastructure and institutional support (Labs ADB-HEST; teaching space ; Wifi-internet connectivity; Labs/workshops; equipped library with modern ICT facilities ▪ Research Quality Control systems and mechanisms have been built at PPU's e.g RECs ▪ Technology fees be institutionalized as functional fees in all PPU's to maintain infrastructure; ▪ PPU's to commit 10% institutional budget to research & Innovation ▪ Lobby government to establish STI capitalization policy in HE ▪ Government has increased research budget (30bill for Mak) ▪ Innovation fund in Min. STI ▪ PPU's to establish a research endowment fund
<p>SO₂: Strengthen local PhD training in public universities in Uganda</p>	<ul style="list-style-type: none"> ▪ Management of local PhD programmes and graduate Training capacity built (125 PhDs trained) ▪ Trained and skilled staff resulting in improved quality of teaching and research at PPU's ▪ Local PhD curriculum developed and accredited by NCHE and future PhD students to be trained on the local curriculum. ▪ Maintain Student and supervisor support system. ▪ Mentorship programme of PhD researchers by senior academics ▪ Organizational capacity, PhD Course & Research training culture has

Sustainability Plan_2

Project Objectives	Sustainability strategies
SO₃: Increase the generation and dissemination of knowledge and research outputs by 2020	<ul style="list-style-type: none">•Publication culture to be maintained through research groups established and networks created. Conference presentations to be maintained through the contacts/networks created both local, regional and in the international community•Conference presentations to be maintained through regional networks•Research communication skills have been built•Revitalize Institutional regional conferences and research management forum (IUCEA)•University Research Information Management system developed
SO₄: Increase capacity for knowledge translation and innovations by 2020.	<ul style="list-style-type: none">•Research and publication culture (2 papers for graduation)•Incentive systems to research and publish; travel grants to conferences to be maintained through regional networks•Research communication skills have been built
SO₅: Increase partnerships and regional synergies for knowledge generation and sharing by 2020	<ul style="list-style-type: none">•National regional and international collaborations and networks have been built and will be maintained•Staff exchange and mobility within the IUCEA framework•Existing research networks will be maintained in form of joint publications, joint PhD curricula and research

Sustainability Plan_4

Project Objectives	Sustainability strategies
SO6: Strengthen research coordination at the partner public universities	<ul style="list-style-type: none">• Institutional systems to mobilize Research funding and financial management (Grants offices)• Staff Retention Strategies (Sabbatical leave, research-time - 20%)• Research coordination and administration capacity has been built and trainings will continue• Mentorship and apprenticeship culture/approach in research to continue• Regular training in research management at the PPUs• Review the research and innovation policies at PPUs to emphasize efficient research management• Benchmark good practices through visits to centres of excellence
SO7: Increase cooperation with and strengthen capacity of PPU by 2020	<ul style="list-style-type: none">• Mechanisms to sustain the research and publication culture through multidisciplinary teams in place at PPUs• National regional and international research collaborations and networks have been built and will be maintained• Existing research networks will be maintained in form of joint publications, joint PhD curricula and research resource sharing e.g library resources

Assumptions

- PhD programmes will remain demand-driven to attract private sponsored students
- Developed PhD programmes will remain of high national and global standards
- Academic quality assurance systems at PPUS will be enforced and maintained
- PPUUs will continue to attract and retain highly qualified and trained staff
- Interest by government, private sector and innovators and other stakeholders in research outputs and uptake
- Increased staff retention and incentive systems to motivate staff interested in graduate research training at PPUUs
- Timely disbursement of funds for program activities
- Continued interest by potential collaborators to work with PPUUs
- Adequate University research budget to support regional networks
- Continued private sector- Industry support in business incubation
- Developed systems, guidelines and structures aimed at continued implementation of research capacity building activities



Acknowledgment

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- ISP- PCO
- Makerere University management team
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MAKERERE UNIVERSITY