

ANNEX I) LOGFRAME MATRIX “CAPAQUA III 2015-2018”

	INTERVENTION LOGIC	INDICATORS	SOURCE OF VERIFICATION	ASSUMPTIONS / RISKS
Overall objective	To foster the sustainable management of aquatic ecosystems and their resources in order to improve livelihoods in Eastern Africa and to contribute towards the achievement of the SDG's	<ul style="list-style-type: none"> • At least 15 project resource people and programme participants are/become key-persons in developing and implementing national/regional policies, programmes and projects 	<ul style="list-style-type: none"> • CAPAQUA project reports • Project/programme reports & webpages • Policy documents • Media articles & webpages • CAPAQUA project reports 	
Project objective	To enhance the capacity of Eastern African HEST-Institutions to provide highly qualified graduates to the job market and to develop and implement strategies/projects towards the conservation and sustainable management of aquatic ecosystems and aquatic resources	<ul style="list-style-type: none"> • At least 86 participants attending the academic programmes LWM & AEEM • At least 52 ADC/NFP fellowship holders attending LWM & AEEM • At least 34 external funded participants attending LWM & AEEM • Placement of alumni: >75% of ADC/NFP fellowship alumni either work in the water/environment sector, or carrying-out Ph.D. studies • High quality educational programmes implemented and international standards achieved (Bologna & following declarations, skill-orientated curriculum, student centred teaching approach) • Inter- & transdisciplinary course components are represented in the curricula • High student satisfaction in regard to academic staff and the educational programmes • Aquatic laboratories are well equipped and well managed • Enhanced south-south mobility and networking of students and academic staff achieved • At least 50 professional publications (M.Sc. theses & scientific articles) by LWM & AEEM students, plus 9 media articles produced 	<ul style="list-style-type: none"> • CAPAQUA project reports and University data/records, including: <ul style="list-style-type: none"> - Statistics on applicants and student numbers, country/gender distribution and institutional background of LWM & AEEM participants and graduates - Evaluation of academic quality (evaluation results obtained from student questionnaires, self-evaluation reports) - Placement of alumni - Lecturer statistics - Number of M.Sc. research projects carried-out at laboratories and research facilities of EGU, BDU, AAU and EIAR-NFLARC - Project involvement of project resource persons • LWM & LWM curricula documents and module descriptions • Project/programme reports & webpages • Professional journals • Media articles & webpages 	<ul style="list-style-type: none"> • Enabling socio-political environment and legal framework, so that project partner institutions, project resource people and programme alumni can put their expertise into action • Availability of financial resources from funding agencies

	INTERVENTION LOGIC	INDICATORS	SOURCE OF VERIFICATION	ASSUMPTIONS / RISKS
Expected result 1	International joint-degree Master's programme in "Limnology & Wetland Management (LWM)" successfully implemented as high-quality programme by Egerton University, UNESCO-IHE & BOKU and attraction of external funded students	<ul style="list-style-type: none"> • At least 28 LWM graduates • At least 24 ADC/NFP funded LWM graduates • At least 4 external funded LWM graduates • 40% of ADC fellowships awarded to women • >75% of LWM graduates from Eastern Africa • At least 49 participants attending the Kenyan LWM semester • At least 27 ADC/NFP fellowship holders attending the Kenyan LWM semester • At least 22 external funded participants attending the Kenyan LWM semester • 20 staff members from at least 5 different institutions in Eastern Africa contribute as resource persons within the Kenyan LWM semester • >75% of M.Sc. research projects are carried-out in Eastern Africa • >50% of M.Sc. projects are carried-out within national-, regional- and/or international collaborations and projects in Eastern Africa • At least 9 M.Sc. theses of thematic relevance per year 	<ul style="list-style-type: none"> • CAPAQUA project reports, including: <ul style="list-style-type: none"> - Statistics on LWM applicants, student numbers, country/gender distribution and institutional background of LWM participants and graduates - Number and setting of M.Sc. research projects - Lecturer statistics • LWM curriculum and module descriptions • University data/records • University libraries (M.Sc. theses) 	<ul style="list-style-type: none"> • LWM graduates return to Eastern African institutions of relevance • Eventual university strike periods do not significantly affect the implementation of the academic programme • Availability of financial resources for self-funded/external-funded programme participants • LWM resource persons and EGU administration is appreciating and taking-up innovations initiated by LWM • No severe terroristic attacks and/or civil-conflicts in Kenya

	INTERVENTION LOGIC	INDICATORS	SOURCE OF VERIFICATION	ASSUMPTIONS / RISKS
Expected result 2	Joint M.Sc. programme in “Aquatic Ecosystem & Environmental Management (AEEM)” successfully implemented as a sustainable high-quality programme by Addis Ababa University, Bahir Dar University & EIAR-NFALRC, delivering at least 20 highly qualified graduates	<ul style="list-style-type: none"> • At least 37 students attending fully/partly the AEEM programme • At least 12 external funded students attending AEEM courses • At least 25 ADC funded AEEM participants • At least 20 ADC funded AEEM graduates • At least 40% of ADC fellowships awarded to women • 100% of ADC fellowships awarded to Ethiopian citizens • >75% of students finish their studies within the AEEM minimum study duration of 2 years successfully • >100 AEEM programme applicants per year • 100% of M.Sc. research projects are carried-out in Ethiopia • >40% of M.Sc. projects are carried-out within national-, regional- and/or international collaborations and projects in Ethiopia • At least 5 M.Sc. theses of thematic relevance per year • 20 staff members from at least 5 different institutions contribute as resource persons, including staff of research & policy implementing institutions • Academic credits of AEEM are recognised by Bahir Dar University, Addis Ababa University and other Ethiopian universities as well • One Train-the-Trainer Workshop for 20 AEEM lecturers/resource-persons implemented 	<ul style="list-style-type: none"> • CAPAQUA project reports including: <ul style="list-style-type: none"> - Statistics on AEEM applicants, student numbers and graduates - Gender distribution of AEEM applicants, participants and graduates - Study duration of AEEM graduates - Number and setting of M.Sc. research projects - Lecturer statistics - Project involvements - Documentation of Train-The-Trainer Workshops • AEEM curriculum and module descriptions • University data/records • University libraries (M.Sc. theses) 	<ul style="list-style-type: none"> • AEEM graduates obtain relevant jobs to put their expertise into action • Ethiopian partner institutions supported by Ethiopian policies • Eventual university strike periods do not significantly affect the implementation of the academic programme • Availability of financial resources for self-funded/external-funded programme participants • Flexibility of Ethiopian universities to enable M.Sc. students of other programmes to join AEEM • AEEM resource persons and AAU/BDU administration is appreciating and taking-up innovations initiated by AEEM • No severe terroristic attacks and/or civil-conflicts in Ethiopia

	INTERVENTION LOGIC	INDICATORS	SOURCE OF VERIFICATION	ASSUMPTIONS / RISKS
Expected result 3	Concept and road-map to ensure sustainability of AEEM & LWM developed and suitable measures initiated	<ul style="list-style-type: none"> • Two workshops implemented • Concept and road-map towards sustainability of AEEM & LWM produced • Measures towards the achievement of sustainability of AEEM & LWM initiated 	<ul style="list-style-type: none"> • CAPAQUA project reports • Minutes and conclusions of stakeholder meetings • Concept and report on suitable measures and road-map towards the sustainability of AEEM & LWM" 	<ul style="list-style-type: none"> • Enabling policy environment in Ethiopia and Kenya • Support by management-/admin. of AEEM & LWM partner universities • Availability of financial resources for self-funded/external-funded programme participants and financial resources from external funding agencies
	INTERVENTION LOGIC	MEANS / COSTS		
	Ad project result 1			
Activity 1.1.	Implementation of joint-degree Master's programme in "Limnology & Wetland Management" in Europe (4-months in Austria and 4-months in The Netherlands) with 28 participants	Financial means according to budget sheet (excluding overhead/PEB)		
		EUR 275.700,-		
Activity 1.2.	Implementation of 28 M.Sc. research projects within the joint-degree Master's programme in "Limnology & Wetland Management"	EUR 142.560,-		
Activity 1.3.	Implementation of Kenyan LWM-semester at Egerton University (4-months) as integral part of the international joint-degree Master's programme in "Limnology & Wetland Management" with 49 participants	EUR 280.110,-		
	Ad project result 2			
Activity 2.1.	Implementation of joint M.Sc. programme in "Aquatic Ecosystems & Environmental Management (AEEM)" of Addis Ababa University, Bahir Dar University and EIAR-NFALRC with 37 participants	EURO 408.700,-		
Activity 2.2.	Implementation of one Train-the-Trainer Workshop for 20 AEEM lecturers/resource-persons	EUR 20.100,-		
	Ad project result 3			
Activity 3.1.	Implementation of stakeholder consultations and two workshops to establish a concept and road-map to ensure sustainability of AEEM & LWM	EUR 18.690,-		

PRECONDITIONS

Activity 1.1. Implementation of joint-degree Master's programme in "Limnology & Wetland Management" in Europe (4-months in Austria and 4-months in The Netherlands) with 28 participants

- Continuous curriculum accreditation/approval by senate of all three universities (BOKU, UNESCO-IHE, EGU)
- Support by universities management/administration of EGU, BOKU and UNESCO-IHE
- Provision of expertise by cooperation partners
- Availability of NUFFIC/NFP fellowships via UNESCO-IHE
- Availability of financial resources for self-funded/external-funded programme participants

Activity 1.2. Implementation of 28 M.Sc. research projects within the joint-degree Master's programme in "Limnology & Wetland Management"

- Sufficient capacity at Eastern African institutions
- Availability of NUFFIC/NFP fellowships via UNESCO-IHE
- Availability of financial resources for self-funded/external-funded programme participants

Activity 1.3. Implementation of Kenyan LWM-semester at Egerton University (4-months) as integral part of the international joint-degree Master's programme in "Limnology & Wetland Management" with 49 participants

- Support by EGU-management/administration and efficient administration procedures and structures at EGU
- Provision of expertise by cooperation partners
- Availability of NUFFIC/NFP fellowships via UNESCO-IHE
- Availability of financial resources for self-funded/external-funded programme participants
- EGU providing adequate housing for students

Activity 2.1. Implementation of the joint M.Sc. programme "Aquatic Ecosystems & Environmental Management (AEEM)" of Addis Ababa University, Bahir Dar University and EIAR-NFALRC with 37 participants

- Continuous curriculum accreditation by the Senates of Addis Abba University and Bahir Dar University
- Support by management/administration of Addis Ababa University, Bahir Dar University and EIAR-NFALRC
- Provision of expertise by cooperation partners
- Availability of financial resources for self-funded/external-funded programme participants

Activity 2.2. Implementation of Train-the-Trainer Workshop for 20 AEEM lecturers/resource-persons

- Availability of suitable trainers

Activity 3.1. Implementation of stakeholder consultations and workshops to establish a concept and road-map to ensure sustainability of AEEM & LWM

- Enabling policy environment in Ethiopia and Kenya
- Support by management/administration of Egerton University, Addis Abba University, Bahir Dar University, EIAR-NFALRC, BOKU, UNESCO-IHE and other regional/international institutions
- Availability of financial resources for self-funded/external-funded programme participants
- Availability of financial resources from external funding agencies