<table>
<thead>
<tr>
<th>INTERVENTION LOGIC</th>
<th>INDICATORS</th>
<th>SOURCE OF VERIFICATION</th>
<th>ASSUMPTIONS / RISKS</th>
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<tbody>
<tr>
<td><strong>Overall objective</strong></td>
<td>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</td>
<td>At least 15 project resource people and programme participants are/become key-persons in developing and implementing national/regional policies, programmes and projects</td>
<td>CAPAQUA project reports and University data/records, including:</td>
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<td>- Statistics on applicants and student numbers, country/gender distribution and institutional background of LWM &amp; AEEM participants and graduates</td>
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<td></td>
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<td></td>
<td>- Evaluation of academic quality (evaluation results obtained from student questionnaires, self-evaluation reports)</td>
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<td>- Placement of alumni</td>
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<td>- Lecturer statistics</td>
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<td></td>
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<td>- Number of M.Sc. research projects carried-out at laboratories and research facilities of EGU, BDU, AAU and EIAR-NFLARC</td>
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<td></td>
<td></td>
<td>- Project involvement of project resource persons</td>
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<td></td>
<td>LWM &amp; LWM curricula documents and module descriptions</td>
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<td>Project/programme reports &amp; webpages</td>
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<td>Professional journals</td>
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<td>Media articles &amp; webpages</td>
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<td>Enabling socio-political environment and legal framework, so that project partner institutions, project resource people and programme alumni can put their expertise into action</td>
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<td>Availability of financial resources from funding agencies</td>
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<td><strong>Project objective</strong></td>
<td>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</td>
<td>At least 86 participants attending the academic programmes LWM &amp; AEEM</td>
<td>CAPAQUA project reports</td>
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<td>At least 52 ADC/NFP fellowship holders attending LWM &amp; AEEM</td>
<td>Project/programme reports &amp; webpages</td>
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<td>At least 34 external funded participants attending LWM &amp; AEEM</td>
<td>Policy documents</td>
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<td>Placement of alumni: &gt;75% of ADC/NFP fellowship alumni either work in the water/environment sector, or carrying-out Ph.D. studies</td>
<td>Media articles &amp; webpages</td>
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<td>High quality educational programmes implemented and international standards achieved (Bologna &amp; following declarations, skill-orientated curriculum, student centred teaching approach)</td>
<td>CAPAQUA project reports</td>
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<td>Inter- &amp; transdisciplinary course components are represented in the curricula</td>
<td>LWM &amp; LWM curricula documents and module descriptions</td>
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<td>High student satisfaction in regard to academic staff and the educational programmes</td>
<td>Project/programme reports &amp; webpages</td>
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<td>Aquatic laboratories are well equipped and well managed</td>
<td>Professional journals</td>
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<td>Enhanced south-south mobility and networking of students and academic staff achieved</td>
<td>Media articles &amp; webpages</td>
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<td>At least 50 professional publications (M.Sc. theses &amp; scientific articles) by LWM &amp; AEEM students, plus 9 media articles produced</td>
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<td><strong>EXPECTED RESULT 1</strong></td>
<td><strong>INTERVENTION LOGIC</strong></td>
<td><strong>INDICATORS</strong></td>
<td><strong>SOURCE OF VERIFICATION</strong></td>
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|                       | 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 | • 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 | • CAPAQUA project reports, including:  
- 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) | • 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 terrorist attacks and/or civil-conflicts in Kenya |
| 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 | 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 theirs 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 | • 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 | • CAPAQUA project reports including:  
- 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) | • 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 |
<table>
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<tr>
<th>Expected result 3</th>
<th>INTERVENTION LOGIC</th>
<th>INDICATORS</th>
<th>SOURCE OF VERIFICATION</th>
<th>ASSUMPTIONS / RISKS</th>
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</table>
|                  | Concept and road-map to ensure sustainability of AEEM & LWM developed and suitable measures initiated | • Two workshops implemented  
• Concept and road-map towards sustainability of AEEM & LWM produced  
• Measures towards the achievement of sustainability of AEEM & LWM initiated | • CAPAQUA project reports  
• Minutes and conclusions of stakeholder meetings  
• Concept and report on suitable measures and road-map towards the sustainability of AEEM & LWM* | • 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 |

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<tr>
<th>INTERVENTION LOGIC</th>
<th>MEANS / COSTS</th>
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<tr>
<td><strong>Ad project result 1</strong></td>
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</table>
| 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-NFLRC 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 Ababa 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 Ababa 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