

Aquaculture investment opportunities in Uganda

Uganda has great potential for developing aquaculture beyond small volume production models into larger commercial scale production operations using both cages and land-based systems for tilapia (cages) and catfish and tilapia (land-based ponds). Investors are invited to start their production in AquaParks dedicated for aquaculture.



MINISTRY OF AGRICULTURE
ANIMAL INDUSTRY &
FISHERIES



"TECHNICAL ASSISTANCE FOR THE SUPPORT TO PROMOTING
COMMERCIAL AQUACULTURE PROJECT IN UGANDA"
UG/FED/2016/038-334 (EuropeAid/138473/DH/SER/UG)



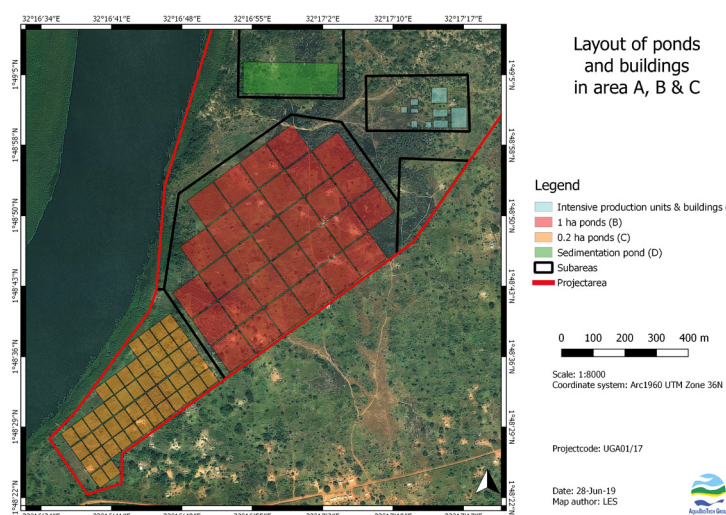
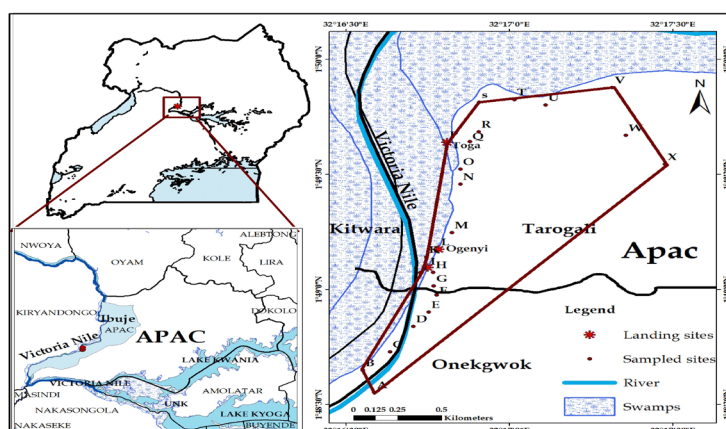
Pond and land based intensive fish farm in Northern Region

An area along the river Victoria Nile between Apac and Masindi Port was designated as the location of the land-based AquaPark. In total 200 ha land with various topographic and surface soil characteristic available for aquaculture investments. The area is suitable for pond, lined pond and for tank based intensive fish production.

Detailed technical and financial feasibility study was prepared for:

- Intensive flow-through production of African catfish
- Tilapia (or mixed) production in small ponds
- Pond based, semi-intensive farming for Nile tilapia in large ponds

Three conceptual production systems and production plans have been developed for the small (>20 t/year), medium, (>400 t/year) pond farmers and large-scale (>1,500 t/year) intensive farm unit. The financial models based on the production and technology concepts as well as on recent market and feed prices show excellent operating profit rates. Possible investments are not limited for the investigated technologies but have to follow the principles of sustainable aquaculture development. All studies are available for investors after signing the NDA.



The project Promoting Environmentally Sustainable Commercial Aquaculture (PESCA) in Uganda, which is funded by the European Union under the 11th EDF, offers several opportunities for investors:

- Financial grant to support investments
- Available site suitability surveys
- Technical consultancy for licensing and implementation
- Land for long term rent, dedicated for aquaculture activities
- Technical and financial feasibility studies from aquaculture experts

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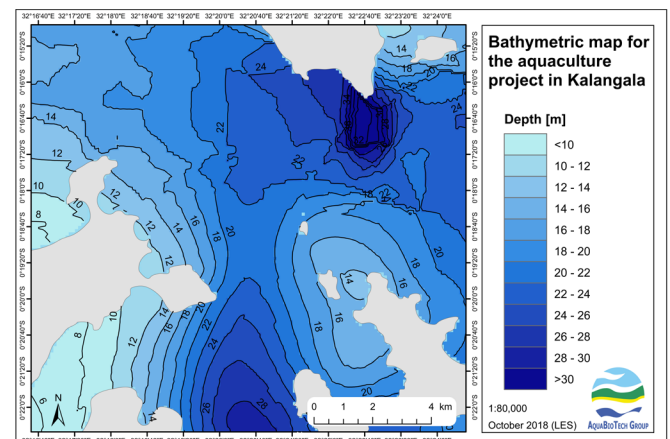
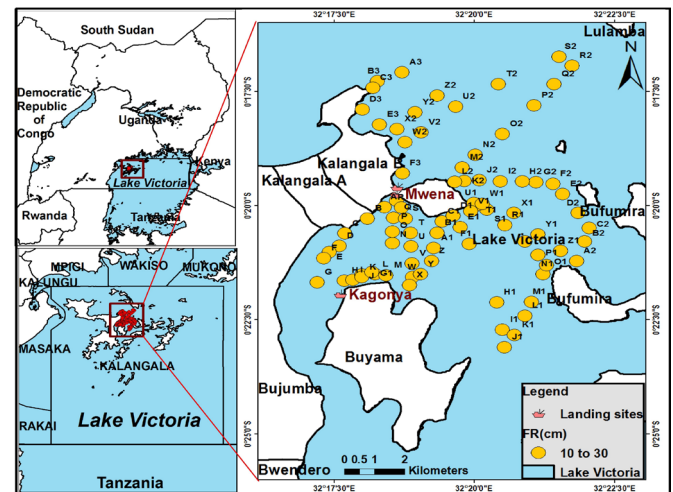
Cage aquaculture investment on Lake Victoria in Central Region

Mwena bay, on Kalangala island, hosts a fish landing site which was selected to be the headquarters of the AquaPark operations due to a number of facilities already available. The water quality and hydrology parameters in the area are ideal for cage production of the Nile tilapia (*Oreochromis niloticus*)

The AquaPark includes areas for:

- Land-based breeding and hatchery
- Nursery cages in protected bay of the lake
- Grow-out cages with ideal conditions to produce high quality fish

The cage designs and proposed technologies are suggested based on industry standards for commercial intensive tilapia cage culture which have proved to be technically and financially viable in similar context, within Uganda and in other African countries (Ghana, Kenya, Zimbabwe, Zambia). The preliminary site survey and feasibility study demonstrate excellent possibilities for cage production and good yearly profit for investors. The potential cage based production volume of the site is around 21,000 tonnes/year. All studies are available for investors after signing the NDA.



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