

SOLAR CONSTRUCT - Solar Thermal Technology

the use of the sun's energy to produce heat

Fish Farming Enterprise

Fish farming is good business in Uganda; make it better and bigger business with the best appropriate technology

All successful fish farmers will tell you that when rearing or breeding fish for commercial consumption, the most crucial stage is 'nursing for the baby fish'.

For these baby fish to grow into healthy mature fish, it's required that the water in the hatchery is not only kept clean but kept at a regulated temperature (28 degrees Celsius).

Technology tailor-made just for your kind of fish farming business

Solar Construct provides a cost-effective solar thermal system that will maintain stable temperatures in your hatchery and ensure that you register higher survival rates for your baby fish.

Eric Sserubogo, a fish breeder with JAFF. Inc Hatchery with a capacity of upto 830.000 fry per months, in Wakiso District, says the solar thermal system coupled with sufficient supply of quality live feed, has helped improve the growth rate of the hatchlings by 24%. He observed that by the third week of nursing the fry (the baby fish of Catfish) are big enough to be supplied to potential buyers or to be stocked in ponds for grow out.

Benefits to prospective fish farming businesses using solar thermal systems from Solar Construct

The owner of a solar thermal system enjoys improved production and quality assurance as well as making big savings off running costs, particularly on electricity and/or fuel, having substituted them with a free energy source – the Sun – at optimal cost. A solar thermal system boosts a scientifically tested energy efficiency of over 70%!

The technology we offer is of high European quality adapted to local conditions, that guarantees percentage increases in fish stock and quality for both export and domestic consumption.

We offer a very durable solar thermal system; the solar panels are made from a special iron-free-hardened glass. A panel has a lifespan of 25 years while the special highly insulated tank has a 10-year plus lifespan.

The system comes with a special multi-compatible switch system, may you need on occasions to switch back to the traditional electricity/fuel power supply.

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We offer a free and independent survey of your business premises; do the costing, dimensioning and designing that best suit your business. Our expert staff do all installations and general works.

Cost and viability

As electricity and fuel prices continue to rise, the need to find economically sustainable ways of reducing production costs while maintaining quality standards becomes priority.

The actual cost of the system is determined by the user-need or size of operation. A free site-inspection by one of our energy experts helps establish the adjustments to make in the existing plumbing system. Also the durability of a solar thermal system makes it a very cost-effective energy alternative.

Solar energy is not only the more reliable option but remains the cheapest and most independent energy form available to us today. Uganda is blessed with abundant sunshine year in year out! Adopting a solar thermal system, therefore, provides you virtually free heated water 24 hours, 265 days a yearfor some 25 or so years!

How to acquire a solar thermal system

- Buy in cash and enjoy a sizeable discount.
- Make payments by installments over a period of one and half to two years.
- Take advantage of a leasing option.

Solar Construct offers very flexible payment terms and will connect you to the more suitable financing institutions that can assist in shaping your repayment plan over a 4-5 year period.

Remember, Solar Construct are the sole fabricators and distributors of high European quality solar thermal systems in Uganda, with very favourable after-sale services. We are just a call away!

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