



4th Annual



ExtruAfrica™

International Conference and  
Training Seminar5 - 8 August  
2014Potchefstroom,  
South Africa

## Fish farming in a box

Fish farming is normally seen as a big venture to take on. But not for this South African entrepreneur, Alan Fleming, director of The Business Place, who has designed a fully functional shipping container fish farm.

He describes his shipping container as "profitable, affordable, repeatable, transportable, lockable and stackable".

This fish farm is capable of producing 4 tons per annum. In 2012 it produced 2 tons, supplying the local market with fish. Fleming spoke to Anton Crone on the blog Bright Continent, saying: "This prototype cost R150 000 (US\$18 750). The next

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prototype should cost less, and produce four tons of fish per year, at a net profit of R36 000 (\$4 500) per year.

"I'm trying to reach a situation where it gives four people (or maybe one family) an income and/or high quality protein, right where they live.

"I'm working with taking the operational expense of electricity out of the equation, and dumping into it a capital expenditure item of renewable energy (solar, wind, batteries). This adds R200 000 (\$25 000) to the price ... if it gives four people a permanent livelihood, then that means about R80 000 per livelihood." [Read more...](#)

Energy for the containerised fish farm can be obtained from solar power; and waste water from the fish farm can be supplied as fertilizer to local vegetable farmers. This will resolve any problems that power outages might have on this venture.

The fish farm made the shortlist out of 800 entries from around the world of a global contest seeking simple but intelligent technology solutions to improve the lives of people in developing countries. The winner of this company will be announced on 30 October 2014.

## Register now for ExtruAfrica

Live demonstrations at ExtruAfrica is a highlight of the Training seminar and Conference, as it is not only a chance to learn how extrusion works, but also a networking opportunity with role players in this area.

Here is aquafeed that has been produced in one of the sessions at the ExtruAfrica Training Seminar and Conference in 2013.



### *ExtruAfrica International Conference*

**R3 950.00 (excl.  
VAT)**

#### *When*

**5 - 8 August 2014**

#### *Where*

**The Roots Lifestyle  
Centre,  
Potchefstroom**

#### *What*

A chance not to miss!  
Information on extrusion and  
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