



FCUBED

At the forefront of water production and conservation

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SOLAR WATER DISTILLATION



Who are we?

- Established 2004
- Focus on developing products for production and water conservation by manipulating solar energy
- Water Production - CAROCELL
- Water Conservation - RAFTEX
- 25 years experience in commodity packaging / stretch film



CAROCELL - Solar Waterpurifier

- CAROCELL - Solar Waterpurifier - Direct Solar Distillation (DSD)
- Produces distilled water from any source
- Gravity or pump fed
- Simple, robust design and installation
- Low maintenance

Solar Desalination/Distillation Panels



High Tech / Low Tech

- CAROCELL - Solar Waterpurifier is patented technology
- Sophisticated components in combination with low cost commodity packaging materials
- Uses technology developed for photovoltaic and aerospace



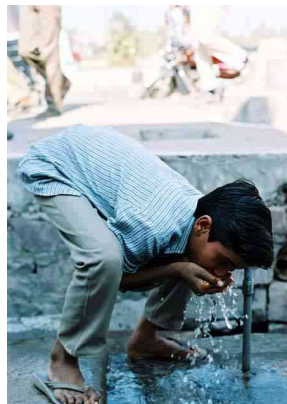
Benefits / Value Proposition

CAROCELL - Solar Waterpurifier

- Produces water at 5% of cost of nearest competitor
- Amortized over 5 years water is produced at less than 1c per litre
- Converts solar energy to evaporation at greater than 50% efficiency
- Health benefits - saves lives
- Produces distilled water from any source
- Simple operation, decentralised product, scalable
- Environmental benefits - no greenhouse gases, minimized waste stream
- Potential for carbon credit trading
- Easy to install and maintain

Key Drivers

- Increasing population
- Rapid urbanisation
- Scarcity of water
- Contamination of ground, underground & river water
- Disinfection of potable water at point of use
- Decentralized manufacturing



Key Market Verticals

- Industrial / Mining
- Humanitarian / Aid
- Domestic / Urban
- Rural / Village
- Bottled Water
- Agriculture / Horticulture

The UNITED NATIONS commission on Sustainable Development

“... the international community must double the \$15 billion annually it was currently spending for potable water and sanitation services...”

F CUBED Development Plan

- Establish 100,000 unit manufacturing facility in Australia - 4th Quarter 2008:
 - Supply current demand
 - Seed markets
- Identify and select distribution channels in India - 2008
- Identify and select manufacturing model in India - 2008
- Establish manufacturing facility - 1st half 2009



Conclusion

CAROCELL - Solar Waterpurifier

- Produces pure clean drinking water from any source
- Easy to use technology
- Affordable
- Extremely efficient
- Scalable
- No greenhouse gas emissions





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www.fcubed.com.au

