

**Global Innovation Centre for Advanced Nanomaterials**  
in association with **Cleaner Health Foundation Australia.**

Highly sophisticated cutting edge science,  
Electrospun Nanofibre Membranes.

# cleaner drinking water

 **SUNLIGHT ACTIVATED REUSABLE**

**Carry with you!**

# water purifier



<b>REMOVES:</b>	✓ Bacteria
✓ Viruses	✓ Pesticides
✓ Herbicides	✓ Petrochemicals
✓ Protozoa	✓ Arsenic
<b>SELF CLEANING • 3 LTR CAPACITY</b>	

**Empowering mothers to improve their health and the health of millions of children worldwide.**

## “Globally, **785 million people** lack access to clean drinking water”

– Global Water Crisis – Water Scarcity Facts & How to Help | World Vision Australia



### “**Women and Children are worst affected**”

– Global Water Crisis – Water Scarcity Facts & How to Help | World Vision Australia

Just one RSANWP provides a mother absolute independence. A mother can offer her child the nutritional value of Infant formulas without being compromised by poor quality water.

Leading Professors & Doctors associated with Global Innovation Centre for Advanced Nanomaterial and one of the World’s leading manufacturers & exporters of medical devices have partnered with **Cleaner Health Foundation & Clean Water Solutions** to design a cutting-edge, incredibly efficient, carry-with-you at all times, 3 litre, Reusable Sunlight-Activated Nanotech Water Purifier (RSANWP).

*The nanofibre membrane can be custom designed to manage various toxic water levels, such as the unusually high levels of Arsenic in the drinking water in Bangladesh.*

Just one Reusable Water Purification bag over a period of 3 months saves the planet from **450x 600ml** single-use plastic water bottles.



A single cargo plane can parachute 6,500+ RSANWP into disaster zones – purifying water for **6500 people every day**.



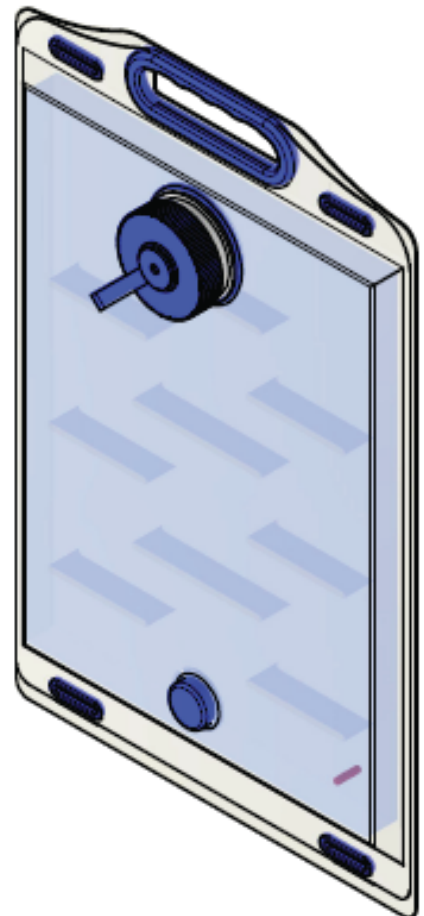
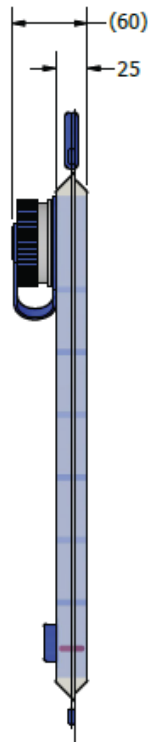
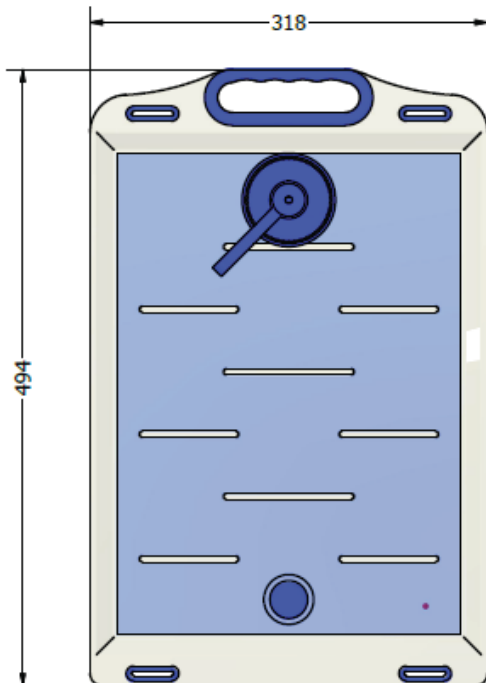
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# water purifier



Artist impressions



Intellectual Property is exclusively held by Clean Water Solutions Pty Ltd Australia ACN 672 931 476

International Sales & Distribution is exclusively held by Clean Health Foundation Limited Australia.

Clean Health Foundation Limited Australia is a Not-for-Profit Foundation.

Clean Health Foundation Limited Australia's sole focus is dedicated to improving the health, well-being & quality of life of the disadvantaged & displaced Children & Adults throughout the World.

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# Key 'Real World' use



SUNLIGHT ACTIVATED REUSABLE  
Carry with you!  
water purifier

- 💧 The technological innovation within the highly sophisticated Electrospun Nanofibre water purification material is undoubtedly the most significant breakthrough in managing broad spectrum drinking water quality.
- 💧 The 3-litre bag has been designed to be conveniently carried with you each and every day.
- 💧 No purification tablets or chemicals required, just a short period of time in the sunlight.
- 💧 Reusable, over and over each day for up to 12 months.
- 💧 Play a critical first responder essential health device.  
...Natural disasters & victims of wars & displacement of citizens.
- 💧 785,000,000 people in the world do not have access to clean drinking water.  
...In Australia most children & adults carry clean drinking water with them each day

**This exceptional, basic health device has the ability to single handedly improve the health & well-being of many millions of people around the world.**

## NEW LEAD



### University of Newcastle research aims to address global water security

The development of a low-cost portable water filtration bag will be the focus of new research supported by a \$489,537 Clean Water Drinking Solutions Pty Ltd Grant.

The research led by University of Newcastle Professor Ajayan Vinu will explore nanomaterials (materials with at least one external dimension measuring less than 100 nanometres) to address the challenges of drinking water shortages.

The project will aim to develop new and advanced kinds of ordered nanoporous materials that can be used to create a portable water filtration bag. The bag will be developed to provide enhanced cleaning of contaminated water to make it fit for drinking and other purposes.

These materials will be tested for their ability to remove various pollutants, bacteria, and viruses as well as filtering out all contaminants and particles to purify water. Contributing to the development of advanced, sustainable, and accessible water treatment solutions, this shift in water filtration technology has the potential to address global water security needs.

This project will expand upon the research of the University of Newcastle's Global Innovative Centre for Advanced Nanomaterials (GICAN), of which Professor Vinu is the Professor of Nanomaterials and Director.

**Available for interview: Professor Ajayan Vinu by email or phone (0406010879)**

**Interview with Sheba Nandkeolyar available on Spotify, Apple Podcasts & Google Podcasts**

