



SOURCE HYDRO PANELS: RENEWABLE, INFRASTRUCTURE-FREE WATER SOLUTION FOR THE DRIEST INHABITED CONTINENT ON EARTH



Zero Mass Water was awarded \$420,000 in ARENA funding for Australia's first trial of SOURCE hydropanels. The project demonstrates a technology not yet seen in Australia - a product that produces clean, renewable, infrastructure-free drinking water extracted from the air using solar energy.

SOURCE hydropanels are infrastructure free with no external electricity or water required for operation, and reduce energy involved in pumping and transporting water to remote locations. Instead of filtering or distributing groundwater, SOURCE produces pure water by harnessing the power of the sun and moisture in the air.

Under the trial, SOURCE hydropanels are being rolled out in 150 sites across Australian cities as well as regional towns and remote communities. The SOURCE hydropanels are installed by pre-qualified distribution and installer contractors, providing training and market awareness to support the adoption

of this technology throughout Australia. With the combination of solar PV with solar thermal technology, SOURCE's ability to create clean drinking water is being utilised in a variety of locations including schools, airports, cafes, community centres, commercial buildings and sustainable properties.

On a typical day, SOURCE hydropanels can produce up to five litres of clean drinking water, depending on the climate. Each SOURCE hydropanel produces enough water to displace more than 20,000 plastic water bottles over 15 years. With more than 50 per cent of consumers reporting decreased consumption of bottled water in a survey conducted by Zero Mass Water, the project is reducing the amount of plastic bottles that end up in landfill by eliminating the production, delivery, collection and recycling process and produces reliable water sources to communities.