LIFE HACKS

# New Zealand Designer Creates an Ingenious Solar-Powered Skylight which Desalinates Water

By bestfolkmedicine · 24/02/2021 · 1 min read



*This New Zealand designer created a new solar-powered skylight which helps desalinate salt water. Now, thanks to this device, people from coastal Chile can easily access safe water for drinking.*

ezstandalone.cmd.push(function () { ezstandalone.showAds(122); });

*Saltwater isn't drinkable because of the high presence of salt it has. In the slums of Chile, where there are more than 100,000 families, safe drinking water is scarce since their power supply isn't reliable.*

*It's acquired through an electrified nest of rigged power lines. But, thanks to this amazing man, her community has one big problem resolved.*

ezstandalone.cmd.push(function () { ezstandalone.showAds(130); });

**Graduate Creates a Solution to Help Have Safe Drinking Water**

Goglau who graduated at the Royal Danish Academy, says he was motivated to find a solution for this major issue in her community.

ezstandalone.cmd.push(function () { ezstandalone.showAds(131); });
He was looking for a way to address the problem with indoor lighting and their lack of clean water for consumption.

Through his research, he came up with a way to develop a skylight device powered by solar energy which helps remove salt from water and make it drinkable. Goglau said he wanted to make something that's sustainable and that will add light to these otherwise darker homes.

ezstandalone.cmd.push(function () { ezstandalone.showAds(132); });

**How Does the Device for Desalination Work?**

This device is able to desalinate 400 mm of water on a daily basis. The brine which remains is sifted into batteries and they power LED strips.

During the day, this light is powered by the sun.

Goglau explains that the skylight is designed to use condensation and evaporation to create lighting patterns on the floors and walls with the photons moving through water droplets.

ezstandalone.cmd.push(function () { ezstandalone.showAds(133); });
The new device is being installed throughout several homes in Antofagasta and the community values this new hope for a more quality life.

Sources:

GOOD NEWS NETWORK

UPLIFTING NETWORK

**Read online:** https://bestfolkmedicine.com/2021/02/new-zealand-designer-creates-an-ingenious-solar-powered-skylight-which-desalinates-water/

Downloaded on 23/11/2026

DISCLAIMER: We do not provide medical advice and nothing contained herein shall be construed as medical advice. The contents such as text, comments, graphics, images, videos and other content contained on this site are for informational purposes only. Statements on this website have not been evaluated by the Food and Drug Administration, and are not intended to diagnose, treat, cure or prevent any disease. Always consult your personal physician before starting any fitness or exercise program or changing dietary habits. The content of this site is not intended to be a substitute for professional medical advice, diagnosis, or treatment. It is not a substitute for a medical exam, nor does it replace the need for services or counsel provided by medical professionals.