

## ELIODOMESTICO



### GABRIELE DIAMANTI

ITALY

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A graduate of the prestigious Politecnico di Milano in 2005, Gabriele Diamanti worked as a designer with Milan agencies Makio Hasuike & Co. and Isao Hosoe Design Studio, before launching his independent design career. Since 2009, he has collaborated with Lorenzo De Bartolomeis and Filippo Poli as a co-founder of design agency and consultancy DPPstudio, specialising in interior architecture, graphic and product design. He continues to teach at Politecnico di Milano, as well as pursuing his own design projects.

Italian designer Gabriele Diamanti has invented an eco-distiller running on solar power, to provide safe drinking-water for people in developing countries: a simple way to produce healthy, bacteria-free water.

Made from terracotta, recycled plastic and anodised zinc, the device produces five litres of drinking water daily, through a solar-powered distillation process. The distiller is very easy to use: simply fill the water tank with water from a local source, and collect clean, evaporated and re-condensed water in a portable recipient placed underneath the tank. The water is distilled, hence small quantities of salt can be added for enhanced health benefits. Eliodomestico is designed to function without filters or electricity, and requires minimal maintenance. Made from readily available, easily-exploited everyday materials, the system has no environmental impact, and delivers positive outcomes for local economies.