

BILLBOARD PRODUCING DRINKING WATER FROM AIR HUMIDITY IN PERU

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The [University of Engineering and Technology \(UTEC\)](#) in Lima, Peru, continues to promote the use of a system invented by its researchers that produces drinking water from air humidity. Compared with other similar, this technology allows producing filtered drinking water, which can be delivered directly to the population through a tap available to everyone. Secondly, it is designed as a billboard, to attract investors that contribute to the sustainability of the technology. The first billboard installation was completed by December 2012 on the south road (km89) of Lima, supplying of drinking water the population of Buyama.



Given the success of this innovation and through advertising campaigns, in 2013 the University got funds to reinstall the billboard in Buyama and five more for supplying water to other residents in the city of Lima.

[Water Solutions SAC](#) the society that produces and installs these billboards improved the effectiveness of the system that now produces 150 litres of water per day. People can get drinking water through a water pipe placed on the basis of the billboard. The machines were adapted to run continuously at the top of the billboard. The billboard uses five internal devices for condensing and filtering water, and tanks for storing it.



Water Solutions is planning to install this equipment of drinking water in the Peruvian coast, to supply villages that do not have this resource yet. The society builds different types of equipment that produce from 28 to 5000 litres per day. Once placed, the billboard produces drinking water daily. The maintenance is done in 3 months periods and changing filters and UV lamps once a year.

This billboard that provides an essential service to people is drawing the attention of the press, the television and magazines specialized in international promotion of innovations.



The University of Engineering and technology (UTEC) is currently working on another high impact innovation: the billboard that purifies air. The exciting purpose of this University is *to train engineers that will change the world.*

To know more

[Video of Water Solutions](#)

[Projects of Water Solutions](#)

[Article in BBC website](#)

[Article in WIRED](#)

[Article in Huffington Post](#)

[Article in Popular Mechanics](#)

[Article in Phys.org](#)

[Video in Youtube](#)

[Article in Creatividad Publicitaria about the billboard that purifies the air](#)

[Article in El Comercio about the billboard that purifies the air](#)

