



# Israel

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## Seawater Desalination: Fresh Water for the World



Fresh water is a problem in many parts of the world, and Israel is addressing its own water problems with projects such as building and operating the worlds largest Seawater Reverse Osmosis (SWRO) plant in Ashkelon, Israel.

According to [www.water-technology.net](http://www.water-technology.net), the plant has “a capacity of 320,000m<sup>3</sup> per day, the plant produces around 13% of the country's domestic consumer demand equivalent to 56% of Israel's total water needs at one of the world's lowest ever prices for desalinated water.” The plant was originally designed to produce about 15% of its current capacity, yet now operates as the largest production plant of its type in the world, thus leading the way for such projects in other countries with similar water shortage problems.

Israel has shown the world that similar water desalination plants can be built in North Africa and other parts of the world where safe drinking water is scarce, not only so people will be able to have fresh drinking water, but because famine could be eliminated by the virtue of using this technology for farming irrigation, hygiene and other needs. Israel is leading the way in turning sea water into safe drinking water to build a better world for everyone.

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