



## Energy from ocean bottom waves

**Fortum owns an 8.4% share in the Finnish company AW-Energy Oy, which is developing wave power technology. The investment is in line with Fortum's strategy of researching and developing new environmentally-friendly forms of energy production in collaboration with technology developers and research facilities.**

Developed by AW-Energy, WaveRoller is the first patented product for generating electricity from the ocean's bottom waves. Most wave power concepts utilise the motion of the ocean's surface waves. WaveRoller is the first concept harnessing bottom waves for electricity production in coastal areas. Compared to other wave power technologies, bottom wave technology is much better at withstanding storms, it doesn't have an adverse visual impact on the landscape and it is noiseless.

AW-Energy is testing a 10 kW WaveRoller unit in Peniche, Portugal. The goal is to build a 1-MW pilot plant to supply electricity to Portugal's grid in 2008–2009.

Additional information:

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