



# Do you know?

## What a Tidal Turbine is

### Tidal turbines - Turning against fossil fuels

Tidal turbines are essentially wind turbines for the tide. They are placed underwater in areas where there is high tidal activity where the tide turns them both when it comes in and when it goes out.

Example Strangford Lough tidal turbine in Northern Ireland



Original source [www.detini.gov.uk](http://www.detini.gov.uk)

This means that energy is able to be produced constantly and without the use of complex gates to direct water.

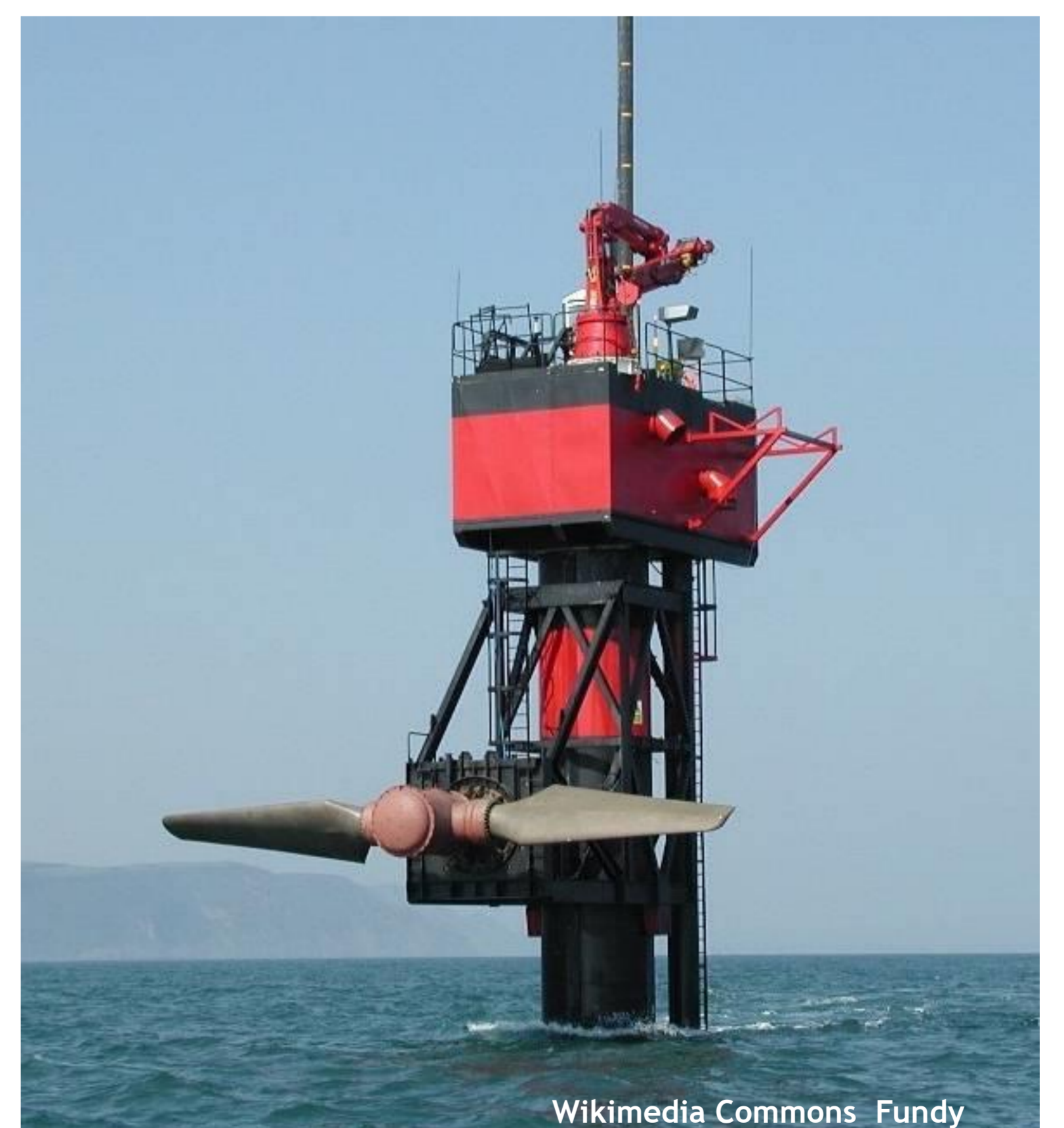
Like all types of tidal energy, the costs to operate once built are not too high and the energy is inexhaustible.



Creative Commons Strugee

There are some disadvantages to tidal turbines, such as the lack of suitable spaces for them and the effect on marine life and shipping. Solutions will hopefully be found to these problems as work on tidal power continues.

The SeaFlow tidal stream generator prototype with rotor raised.



Wikimedia Commons Fundy

