



## Statement of participation

# Michael Frank

has completed the free course including any mandatory tests for:

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### **Energy resources: Wind energy**

This 3-hour free course explored the potential of the wind, one of the earliest sources of industrial scale energy, to help meet today's requirements.

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**Issue date:** 22 August 2018

[www.open.edu/openlearn](http://www.open.edu/openlearn)

This statement does not imply the award of credit points nor the conferment of a University Qualification.  
This statement confirms that this free course and all mandatory tests were passed by the learner.  
Please go to the course on OpenLearn for full details:  
<http://www.open.edu/openlearn/science-maths-technology/science/environmental-science/energy-resources-wind-energy/content-section-0>

COURSE CODE: S278\_7

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## Energy resources: Wind energy

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### Course summary

Wind energy was the fastest growing power source at the start of the 21st century, yet wind-driven mills and pumps, and nautical sails for transport, were, along with waterwheels, the first mechanical devices to power industrial production. The advantages of harnessing wind energy are obvious; it is free, clean and widely available. This free course, Energy resources: Wind energy, explores wind as a potential source of useable energy.

### Learning outcomes

By completing this course, the learner should be able to:

- explain the principles that underlie the ability of various natural phenomena to deliver wind energy
- outline the technologies that are used to harness the power of the wind
- discuss the positive and negative aspects of wind energy in relation to natural and human aspects of the environment.

### Completed study

The learner has completed the following:

#### Section 1

Wind energy

#### Section 2

The future of wind energy

#### Section 3

Conclusion