Statement of participation

Majid Hassan Mustafa

has completed the free course including any mandatory tests for:

Biofuels

This 5-hour free course investigated the advantages and types of biofuel and whether they can fulfil future energy needs.

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www.open.edu/openlearn

Please go to the course on OpenLearn for full details:
https://www.open.edu/openlearn/science-maths-technology/biofuels/content-section-0

COURSE CODE: **S173_1**

Biofuels

Course summary

This free course, Biofuels, investigates what is meant by a biofuel and covers the advantages of using biofuels compared with fossil fuels. The different types of biofuel are explored, with particular emphasis on transport biofuels. Finally, the issue of whether biofuels are the complete answer to our future energy needs is considered.

Learning outcomes

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

- demonstrate general knowledge and understanding of some of the basic facts, language, concepts and principles relating to plants, in particular the composition and properties of plants and the different ways in which plant products have been utilised by humans
- demonstrate an understanding of the contribution that science can make to informed debate on issues arising from the use of plants and the threats posed to plants and their habitats
- make sense of information presented in different ways, including textual, numerical, graphical, multimedia and web-based material.

Completed study

The learner has completed the following:

Section 1

What are biofuels?

Section 2

Energy from plants and climate change

Section 3

Wood as an energy source

Section 4

Grasses as an energy source

Section 5

5 Transport biofuels: biodiesel and bioethanol

Section 6

6 Biogas

Section 7

7 Biofuels: some of the issues

Section 8

Conclusion