

Access to H.E. Regional Programme Ungraded Unit



Pathway(s): Humanities and Social Science
 Science and Engineering
 Construction and the Built Environment

Module(s): Geography and Environmental Studies

Unit Title: Energy Resources

Unit Code: UA33GEO02

Level: Three

Credit Value: 3

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Valid From: 1 August 2014

Valid To: 31 July 2019

LEARNING OUTCOMES	ASSESSMENT CRITERIA
The learner will:	The learner can:
1. Understand the nature of energy and the range of energy resources available in the natural world.	1.1 Define 'energy' and identify the range of renewable and non-renewable energy resources available to humans. 1.2 Evaluate the usefulness of two renewable and two non-renewable energy resources available to humans. 1.3 Explain the principle of electricity generation using one renewable and one non-renewable example.
2. Understand the key geopolitical factors affecting the exploitation of energy resources.	2.1 Interpret data relating to the global patterns of energy supply and consumption, including developed and developing countries. 2.2 Identify geopolitical factors affecting trade in energy resources, including conflict and the role of cartels and transnational companies.
3. Understand the environmental impact of energy production.	3.1 Evaluate the environmental impact of energy production from fossil fuels, nuclear power and wind turbines. 3.2 Describe and evaluate measures designed to reduce energy use in the UK and their potential impact on the environment.