

## The politics of energy – structure strip

### Learning objectives

- 1 Explore how the raw materials for energy production are linked to global politics.
- 2 Revisit organic chemistry concepts in a new context.

### Introduction

The *Education in Chemistry* article [Energy boost](#) tells us how global politics affects energy supplies in Europe and how conflict could speed up the development of green energy. Use the structure strip to summarise the key ideas from the article and revisit some organic chemistry in this new context.

### Instructions

Stick the structure strip in the margin of your exercise book/paper and follow the questions to write your summary. Take care to write in full sentences, describing the question within your answer and using appropriate keywords. There are some suggestions below to help you.

### Keywords

- Fossil fuels
- Green energy
- Alkanes
- Homologous series
- Greenhouse gas
- Insulating
- Climate change
- Digester
- Anaerobic
- National grid
- Net zero
- Emissions
- Renewable resource

Structure strip The politics of energy	Structure strip The politics of energy	Structure strip The politics of energy	Structure strip The politics of energy
Why has the war in Ukraine highlighted the need for investment in green energy?	Why has the war in Ukraine highlighted the need for investment in green energy?	Why has the war in Ukraine highlighted the need for investment in green energy?	Why has the war in Ukraine highlighted the need for investment in green energy?
What are fossil fuels and why are we so reliant on them for our energy and transport needs?	What are fossil fuels and why are we so reliant on them for our energy and transport needs?	What are fossil fuels and why are we so reliant on them for our energy and transport needs?	What are fossil fuels and why are we so reliant on them for our energy and transport needs?
Draw the structures of the first four alkanes in the homologous series.	Draw the structures of the first four alkanes in the homologous series.	Draw the structures of the first four alkanes in the homologous series.	Draw the structures of the first four alkanes in the homologous series.
How does burning fossil fuels contribute to climate change?	How does burning fossil fuels contribute to climate change?	How does burning fossil fuels contribute to climate change?	How does burning fossil fuels contribute to climate change?
How is farm and food waste used to generate green energy?	How is farm and food waste used to generate green energy?	How is farm and food waste used to generate green energy?	How is farm and food waste used to generate green energy?
What promises and progress have the UK and Ireland made concerning greenhouse emissions?	What promises and progress have the UK and Ireland made concerning greenhouse emissions?	What promises and progress have the UK and Ireland made concerning greenhouse emissions?	What promises and progress have the UK and Ireland made concerning greenhouse emissions?
What is the best way to reduce our reliance on fossil fuels?	What is the best way to reduce our reliance on fossil fuels?	What is the best way to reduce our reliance on fossil fuels?	What is the best way to reduce our reliance on fossil fuels?