



**The world needs
better energy policy**

**Chemical engineers
can help**





The IChemE Energy Centre

Systems thinking solutions for the global energy economy

The IChemE Energy Centre harnesses the chemical engineering skills and methods of its members to provide evidence-based information and expert advice on energy issues.

To find out more, visit: www.icheme.org/energycentre
email: energycentre@icheme.org
or tweet: [@EnergyIChemE](https://twitter.com/EnergyIChemE)

The Energy Centre is inspired by the *Chemical Engineering Matters* initiative.



Chemical Engineering Matters sets out the thinking that underpins IChemE's technical strategy, policy and positioning.

It describes the role of the discipline in creating, maintaining and improving our quality of life in four key areas: sustainable energy, water, food and wellbeing.

The challenges associated with each of these areas, along with the interventions and solutions being pursued by chemical engineers all over the world, are set out in a series of 'vista diagrams'. These attempt to capture the current status of specific aspects of each challenge and propose some options for action. They are intended to provoke discussion and stimulate engagement between chemical engineers and policymakers.

See overleaf for the sustainable energy vista

The Institution of Chemical Engineers (IChemE) is the global professional membership organisation for people with relevant experience or an interest in chemical engineering.

Founded in 1922 as a professional institution for chemical and process engineers, IChemE has grown to its current status of over 42,000 members in 120 countries. We currently have offices in Australia, Malaysia, New Zealand, Singapore and the UK.

IChemE is striving to ensure that the message that chemical engineering matters is spread far beyond the chemical engineering community.



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For more information about other aspects of the Chemical Engineering Matters initiative, contact us via cem@icheme.org or visit www.icheme.org/chemengmatters



The sustainable energy vista

The energy landscape is complex and dynamic; there is no single solution to the challenges we face. This vista diagram outlines areas where chemical engineers play a role in the development and delivery of sustainable energy solutions. Each line charts how a single aspect of the energy transition may evolve over time. Many of these developments will be dependent on external factors, including policy and financial support.

IChemE uses these vista diagrams to highlight how chemical engineers are advancing progress in areas of key societal importance. They are intended to provoke discussion about current and potential future challenges where the profession must engage in effective dialogue with external stakeholders.

From your perspective, what are the key challenges and opportunities in the energy space?
 Where would you prioritise action?
 How do you think chemical engineers can add value to energy policy debates?
 How can IChemE's Energy Centre help you?

We would be interested to know your thoughts on these questions. Please feel free to get in touch via energycentre@icheme.org

■ Current status ■ Challenges ■ Future actions/solutions

