

Energy Community of Practice Leadership Group

Volunteer Role Descriptor

1. Reference

LSC/ECOP/1.4

2. Background

The Energy Community of Practice (Energy CoP) is an international group for members who are keen to:

- build networks, knowledge and skills
- share knowledge and engage in joint problem-solving on international challenges to support IChemE members and IChemE strategy

The Energy CoP aims to develop and deliver projects on energy that are relevant to the profession, the industries in which chemical and process engineers work.

The Leadership Group aims to support the development and delivery of a programme of work that supports members and is aligned with IChemE's *Strategy 2028+* and the Learned Society's Priority Topics. It aims to ensure that outputs are relevant to chemical engineers working across energy sectors, where the outputs may be reactive or proactive in nature.

The success of any group depends upon the energy, enthusiasm, and effectiveness of the individuals involved. Volunteers will benefit from professional and social networking and contribute to the ongoing development of IChemE.

3. Main duties and responsibilities

All members of the Leadership Group should support aspects of the Energy CoP. This includes, but is not limited to:

1. Ensuring that the projects and programme of work coordinate and align with Learned Society Priority Topics and IChemE strategy, business plan and other initiatives.
2. Participation in project working groups to deliver the CoP programme of work, including specific projects.
3. Coordination of expert, evidence-based advice on energy issues through such avenues including, but not limited to, Learned Society projects, webinars, articles, and published documents.
4. Engaging with the wider Energy CoP membership to identify opportunities for activity and the expertise needed for delivery.
5. Contributing to regular newsletters for members of the Energy CoP.
6. Discussions and collaboration with relevant IChemE groups and external stakeholders (eg industry).

The link to energy-related special interest groups (SIGs) is particularly important to the Energy CoP. As such, some members of the Leadership Group represent relevant SIGs. Any member who formally represents a SIG on the Leadership Group is expected to act as the conduit of information between the Group and the SIG Committee (however, it is not a pre-requisite that they are a Committee member).

The Terms of Reference provide further details:

www.icheme.org/about-us/governance/governance-documents/terms-of-reference/

4. Period of appointment

The appointment will cover one term of three years. It is possible to continue onto a second three-year term. However, only two terms may be served in the same role and a maximum of three terms in total.

5. Commitment required

- expected time commitment: three to six hours per month
- attendance at leadership group meetings. These are expected to be the second Wednesday of the month, every second month. Meetings are held online with international participation.
- participation in some project meetings
- support for occasional events related to Energy CoP activities

6. Person specification

A current IChemE Member with:

- current or recent experience of the energy sector and energy-using industries, from research to industrial application, technology solutions to strategy
- enthusiasm in sharing knowledge and supporting chemical engineers across the energy landscape
- good organisation and time management skills

Appointments to the Leadership Group will be based on skills, knowledge and experience. Appointments aim to reflect the diversity of IChemE membership.

7. Others

Benefits of volunteering:

- interesting and rewarding opportunities to develop personal skills and network with other professionals
- positively support the advancement of chemical engineering
- meet new people, learn new skills, progress your continuing professional development (CPD).

In this role, you can support IChemE as a global network of engineers to:

- demonstrate the role of chemical engineering in climate change adaptation and mitigation
- inspire current and future generations of Professional Engineers and embed awareness of emerging issues related to energy and climate action technology and practice
- provide networking and collaboration opportunities with other groups within IChemE
- be exposed to technical areas outside of your own experience

8. Additional details

Area of interest that relates to the role:

Technical interest and expertise include (but is not limited to):

- energy transition, decarbonisation and the role of energy in the circular economy
- climate change mitigation including energy efficiency, emissions reduction, offsets and nature-based solutions
- alternative and renewable energy
- carbon capture utilisation and storage
- energy storage, transmission and infrastructure
- fossil fuels (upstream and downstream)
- hydrogen
- nuclear energy

	IChemE's broader interests: <ul style="list-style-type: none"> ▪ IChemE's Responsible Production priority topic vision and aims ▪ development of activity within IChemE
Is the role location specific?	No
Total number of volunteers required for this role:	The Leadership Group consists of up to twelve members. Currently two vacancies (one for Nuclear Technology SIG). There will be a further three vacancies in Q2 and Q3 of 2024.
Closing date:	21 April 2024
<p>Please use this nomination form to apply for this role: https://forms.office.com/e/UhkFAe2W4n</p> <p>Following your submission, applications will be reviewed, and successful applicants will be confirmed by the Leadership Group.</p> <p>For further information, please contact energy@icheme.org quoting the role at the top of this document.</p>	
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