



Terms of Reference – IChemE Energy Centre Future Energy Leaders

(December 2016)

1 Scope

IChemE Energy Centre (EC) Future Energy Leaders (FEL):

- 1.1 Is a working group of volunteer IChemE members drawn from the chemical engineering community and those with relevant background or interest in chemical engineering energy activities
- 1.2 Provides support as resource for disseminating the outputs of the EC Board
- 1.3 Focused on three key areas:
 - 1.3.1 Educational Outreach
 - 1.3.2 Public Engagement
 - 1.3.3 Content Creation
- 1.4 With activities which are:
 - 1.4.1 Accessible to non-technical populous
 - 1.4.2 Globally Relevant
 - 1.4.3 Socially Aware
 - 1.4.4 Industrially Required
- 1.5 Provides the EC Board with additional resource, on request of the board and/or task group leaders
- 1.6 Offers a way for the IChemE membership to be involved with the EC for less time commitment than those on the Board
- 1.7 Will work with IChemE Special Interest Groups (SIGs) to create a strong partnership and act as a cohesive forum for cross SIG interactions
- 1.8 Is not an umbrella organisation for all energy-related activities within IChemE

2 Selection Criteria

FEL appointed will:

- 2.1 Have a keen interest in and knowledge of current and future energy developments and be committed to further developing their awareness, understanding and interaction with current energy issues
- 2.2 Have an understanding of the role chemical engineers play in relation to energy matters
- 2.3 Hold a Chemical Engineering degree and be working in industry or research in a Chemical Engineering related field.
- 2.4 Support the mission of the IChemE EC
- 2.5 Be drawn from both industry and academia
- 2.6 Be diverse and representative of the chemical engineering community
- 2.7 Be able to contribute to illustrating the impact of chemical engineering
- 2.8 Ideally be a member of one of IChemE's energy related SIGs, if an IChemE member

3 Future Leaders structure and roles

FEL appointed will:

- 3.1 A member of the IChemE FEL will be appointed as chair and vice-chair:
 - 3.1.1 Chair will be a person in the transition phase between the FEL group and the Leadership Forum
 - 3.1.2 Vice-chair will be next in line for chair position, and consequently will be nearing the requirements stated above
- 3.2 The Future Leaders Chair will lead the Forum and will:
 - 3.2.1 Work closely with the EC Manager, Board and Leadership Forum to run the Future Leaders Group
 - 3.2.2 Be the key Future Leaders point of contact for the EC Board & Leadership Forum



- 3.2.3 Report to the EC Chair to ensure that the Forum is working in alignment with the rest of the EC's projects
- 3.2.4 Record levels of engagement by Forum members
- 3.2.5 Review engagement on a yearly basis from September to September
- 3.2.6 Confirm with members on a yearly basis a continued desire to participate
- 3.3 Where appropriate, at the discretion of the Board, small sub-groups can be created from the FEL Group to look at particular issues and stimulate activity
- 3.4 The FEL Group should interact with SIG committees to:
 - 3.4.1 Facilitate dissemination of outputs and activities to the SIGs
 - 3.4.2 Encourage dialogue between SIGs
- 3.5 All Future Leaders will be required to fulfil a minimum of one activity per year for the group to be logged by the Chair (e.g. document review, task group input, attendance at event)
- 3.6 All Future Leaders should declare any conflicts of interest before undertaking any role for the EC. Where conflicts of interest are declared the member will not participate in that area, unless invited to do so.