

# The IChemE100 Centenary Project

IChemE celebrates its centenary in 2022.

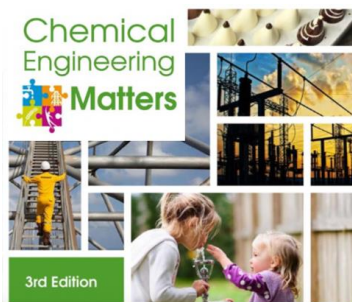
It goes without saying that our centenary project, called IChemE100, is a *once in a century* opportunity to reflect upon and honour the work of chemical engineers past and present in their mission to deliver value to the society we serve. It's also an opportunity to identify the role of the chemical engineer in helping to meet the challenges of the future.

Chemical engineers deliver benefits to society through the wide and varied work of this great profession; indeed, delivering value to the community at large embodies the mission that sits at the heart of IChemE's Charitable Charter.

Over time, societal expectations, values and norms evolve to cope with external and internal influencing factors. Just think of the world of 1922, when IChemE was established, compared to the world of today and then reflect on the way the world of chemical engineering has changed in response. From gas lights and coal to renewables and Artificial Intelligence (AI) in less than two generations.

Over the last 100 years, chemical engineers have both worked within and transitioned through an incredible spectrum of monumental change. Through economic booms and crippling recessions, through peace times and times of war and through staggering technological advancements. All of this has happened in a world where human population has grown from around 1.6 billion in 1912 to a projected 8 billion people in 2022.

Change has been, and will continue to be, a part of the world that chemical engineering professionals, educators, researchers, employers and regulators live. The IChemE100 project will set out to map the evolution of societal expectations and overlay the changing work of chemical engineers against this exciting context. This is our story to tell and we want to tell the story in pictures, moving images, voice and selected text using a range of digital tools.



In celebrating our centenary, we are provided with a unique opportunity to think about the potential future trajectories of society and to consider how the work of the chemical engineering profession may be tasked to add value in these possible futures. Nobel Prize winning physicist, Niels Bohr is quoted as saying "*Prediction is very difficult, especially the future.*" Therefore, we intend to explore possible societal futures using scenarios and build upon the great work already begun in drafting '[Chemical Engineering Matters](#)'.

There are a range of ways we can look to mark our 100th anniversary and a small number of volunteer members, assisted by our excellent IChemE staff, have worked hard to develop a framework that provides the opportunity to engage our membership in shaping how we go about this task. We are challenging our members to become the driving force behind this once in a century opportunity and, in doing so, we will live up to our articulated strategic intent of "*Led by Members, Supporting Members and Serving Society*". The IChemE100 centenary project will only happen if it is led by our membership.

We are opening up opportunities for members to become involved in this project. We have five working parties, plus an overarching IChemE100 Steering Committee, to populate. We are looking for members with the drive, competency and time to contribute in helping us to celebrate the past, present and future of our great profession.

It is our intent that the output from this work is seen as both important and exciting across a wide range of stakeholders. We must attract a mix of external in-kind and financial support to deliver the centenary celebration that we believe our members deserve. IChemE simply does not have the funds to carry out this work without external support, so fundraising is a key part of the work that we need to carry out.

I have been asked by the Board of Trustees to commit to Chair the IChemE100 Steering Committee. I know that this will be a significant volunteer commitment and it is one that I have given to the Institution and Profession that I owe so much to. Please take the time to find out more about the IChemE100 centenary project working parties (see overleaf) and, if you think you can contribute, please apply to become involved with this exciting challenge.

Warm regards, John McGagh – Chair of the IChemE100 Steering Committee



## Why we need you?

To take this exciting centenary project forward, we are setting up five complementary working parties. These will report into the new [IChemE100 Steering Committee](#). For more information see the [IChemE100 Working Party Design](#).

The five working parties are:

- [The Past Content Working Party](#)
- [The Present Content Working Party](#)
- [The Future Content Working Party](#)
- [The Services Working Party](#)
- [The Platforms and Funding Working Party](#)

The first three of the working parties will focus on developing content (**what we're going to say**), looking at the past, present or future of chemical engineering. There will also be a working party for identifying services (**how we're going to say it**) and a working party for developing platforms (**where we are going to say it**) and fundraising opportunities.

We're looking for both IChemE members and non-members with the required competencies and the time to commit to help populate these working parties. Interested parties will need to have experience in at least one, but not all, of the working party competencies. For more details on the competencies see the [IChemE100 Working Party Design](#).

## Why be involved?

We expect this to be an exciting and interesting project. Participants will gain valuable experience and the chance to work with other learned colleagues. Members of working parties will contribute to an important event that, as well as celebrating the past and present work of chemical engineers, will assist us in defining the future role of the chemical engineer, the role of IChemE in supporting them and chemical engineering's overall place in helping to solve the challenges facing society in the future.

## What's the commitment?

You will be required to attend up to two virtual meetings a month (more if you are a Chair) plus commit time in between meetings for development work and other activities.

All working parties Chairs will be expected to schedule their first working party meeting in early February 2020.

**Membership of an IChemE100 working group is an unpaid, voluntary role.**

## Additional Support

The IChemE100 working parties will be supported by a small team of IChemE staff, in particular, the IChemE100 Project Manager. For more information, you can contact the project manager by emailing [IChemE100@icheme.org](mailto:IChemE100@icheme.org)

## Further information

If you are interested in joining us on this exciting journey, but would like further information first, then please email the IChemE100 project manager at [IChemE100@icheme.org](mailto:IChemE100@icheme.org)

## Deadline

**The deadline for interested parties to apply to be a member of an IChemE100 centenary project working party is 12.00 noon GMT on 31 January 2020.**

## How to apply

To apply simply [complete the application form](#) and submit this electronically to [IChemE100@icheme.org](mailto:IChemE100@icheme.org)