

MATERIALS

Welcome to December's materials round-up

Hi there,

I hope you enjoy our new easy read KCMC newsletter format.

There's been a lot of change at KCMC, in our everyday lives, and across the world in recent years. The role and contribution of materials chemistry is paramount in tackling many of our most difficult challenges, driving the development of new functional materials to enable sustainable technologies, decoupling from fossil fuels and feedstocks, securing valuable economic activity, and building supply chain resilience.

In this newsletter, we feature our new management team members, **Professor Robert Raja** and **Dr Nuria Garcia-Araez** of the University of Southampton, outcomes of our **industry steering group** meeting, and parting thoughts from **Dr John Conti-Ramsden**.

On behalf of the KCMC partners, I would like to thank John for his leadership of the KCMC since its formation in 2009 and I'm happy to report that we continue to work with him in his current role focussed on CPI's wider advanced materials strategy development.

Best wishes,

Steve McBride, Head of the Knowledge Centre for Materials Chemistry (KCMC)

Our latest materials news



The ABC of developing more sustainable materials

As we move into the final weeks of 2022, COP27 lies just behind us as a reminder of the growing urgency of the climate crisis and the need to move faster than ever toward a net-zero future. The world-leading academics and businesses we work with – including our two new PIs at the University of Southampton – hold some of the solutions in their hands.

[Find out more](#)



Outcomes of 2022's industry steering group meeting

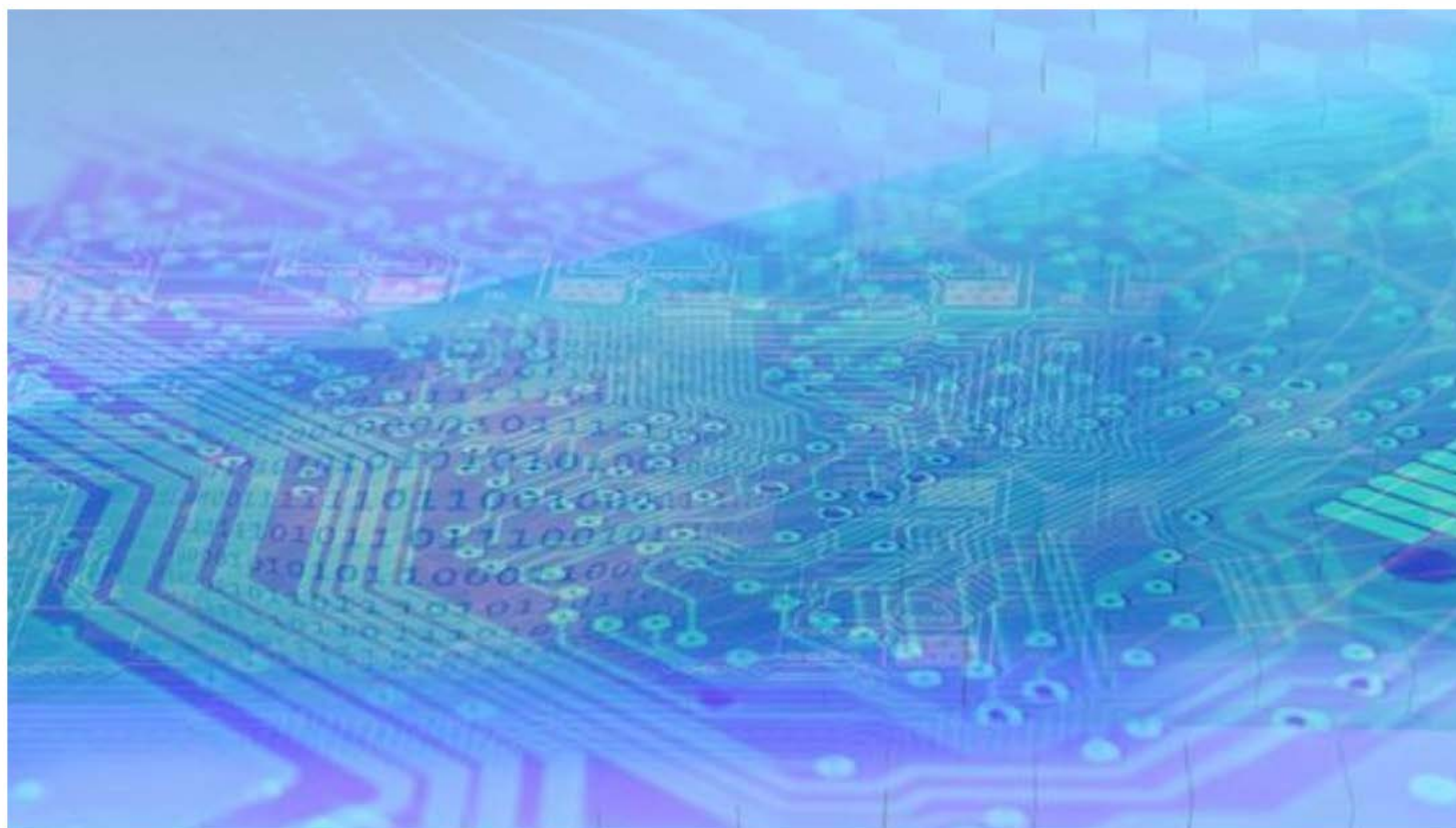
KCMC held its annual steering group meeting on 19 July, during which we talked about challenges and opportunities for addressing sustainability in the materials chemistry sector. In this article, we share the points of discussion and outcomes from the meeting around sustainability across the lifecycle and net-zero materials.

[Read the report in full](#)

Designing digital materials innovation

We're supporting the Hartree National Centre for Digital Innovation's **call for proposals** focussed on **materials for mobility and energy**. This will fully fund proof-of-concept studies designed to address industry challenges for which off-the-shelf solutions are not already available.

The expression of interest deadline is **23 December**.



[Find out more about this call for proposals](#)

KCMC's outgoing Director bids farewell

In his outgoing address, Dr John Conti-Ramsden celebrates the contributions of KCMC to chemical science and looks forward to a bright future in which materials chemistry can create tangible benefits for **people, places, and planet**.



[Read more of John's thoughts](#)

£19.5 million for innovation in sustainable materials

On 4 October, Innovate UK announced a £19.5 million award to the Foundation Industries Sustainability Consortium, of which CPI is a partner, to support the scale-up of sustainable technologies for industries including chemicals and paper.

[Get the details here](#)