



ADVANCED
MATERIALS
RESEARCH &
INNOVATION

HENRY ····
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INSTITUTE

ROYCE

2022 Collaboration Programmes

Royce Industrial Collaboration Programme
Materials Challenge Acceleration Programme

Briefing Session and Q&A

11 August 2022

9:30 – 10:00

Before we start:

- This session will be recorded and made available on the Royce website, please do share this recording with your contacts,
- Q&A Button: Please add questions during the course of the webinar and these will be answered either at the end of the meeting (or afterwards via the frequently asked Q&A notes)

Summary:

Royce Industry Collaboration Programme (ICP) 2022

Funding up to £250,000

Focused on collaborative, business-led RD&I projects using Royce facilities,

Application Deadline: 5pm, 26 September

Materials Challenge Accelerator (MCAP) Programme

Funding up to £100,000

Focused projects on key areas identified within the [Royce Roadmaps](#),

Application Deadline: 5pm, 3 October

Further details available on the [Royce Website](#)

The logo for Royce, featuring the word "ROYCE" in a bold, white, sans-serif font. The letters are set against a background that is a mix of yellow and teal, with a dark grey diagonal band running across it. The logo is positioned in the bottom left corner of the slide.

Royce Industry Collaboration Programme (ICP) 2022

The ICP aims to accelerate *Sustainable Net-Zero Innovation* in materials sector by:

- *Bringing together organisations engaged in research, development, and innovation (RD&I) in a collaborative endeavour,*
- *Supporting access to Royce's nationally accessible capabilities,*

In 2021 the ICP Programme successfully matched the needs of companies with RD&I projects with experts in materials science working on Royce's cutting edge facilities. [An example case study from the 2021 ICP Programme focusing on transistors is available.](#)

Application Deadline: 5pm, 26 September

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Royce Industry Collaboration Programme (ICP) 2022

- ICP Projects can be Funded up to **£250,000**
 - *All project funds must be spent by 31 March 2023*
- Project costs funded up to **80% FEC** (total project costs) by Royce,
- Funding will be distributed through the Royce Lead Partner (**the PI**)
- Projects must include at least one eligible collaborator (**the Co-I**):
 - Microbusiness, Spinouts, SMEs, Large Enterprises,
 - Approved public research organisations

Application Deadline: 5pm, 26th September

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Royce Industry Collaboration Programme (ICP) 2022

- Projects must include the use of Royce facilities of at least one Royce partner:
 - Access to Royce facilities will be funded at 100%
 - **≤20%** of funding (max. £50,000) can be used to enhance the Royce facility portfolio (This must be used to support the delivery of the project)
- In-kind and/or cash contributions are encouraged,
- Applications **must** be submitted by the lead Royce partner
- A Collaboration Agreement must be signed within **1 month** of the start date of the project

Application Deadline: 5pm, 26 September

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Materials Challenge Accelerator (MCAP) Programme

Overview: The MCAP Programme will provide short term funding to RD&I projects that clearly demonstrate targeted transformative advancements in the priority areas identified by one of the following [Royce National Materials Challenge Roadmaps](#)

- *Materials for the Energy Transition*
- *Materials for End-to-End Hydrogen*
- *Materials for Fusion*
- *Degradation in Structural Materials for Net-Zero*
- *Materials 4.0*



Application Deadline: 5pm, 3 October

Materials Challenge Accelerator (MCAP) Programme

- MCAP Projects can be Funded up to **£100,000**
 - *All project funds must be spent by the 31st of March 2023*
- Funding will be released through the lead organisation,
- Project costs funded up to **80% FEC** (total project costs),
- Eligible leads and collaborators:
 - UK higher education institutions
 - Research Council Institutes
 - UKRI-approved independent research organisations
 - UK registered Micro- or Small and Medium Enterprises

Application Deadline: 5pm, 3 October

Materials Challenge Accelerator (MCAP) Programme

- Applications using Royce capabilities are encouraged with access to Royce facilities will be funded at 100%
- In-kind and/or cash contributions are encouraged
- Collaboration agreement must be signed within **1 month** of project start

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Application Deadline: 5pm, 3 October

Main Differences Between the ICP and MCAP

	ICP	MCAP
Innovation alignment:	Sustainable Net Zero UK goals	Royce Materials Challenges
Lead Organisation:	Royce Partner	UK organisations engaged in materials research
Eligible Investigators:	UK organisations engaged in materials research	Not large enterprise
Funding (from Royce):	Up to £250k released through the lead Royce Partner	Up to £100k released through the lead organisation

Eligible costs

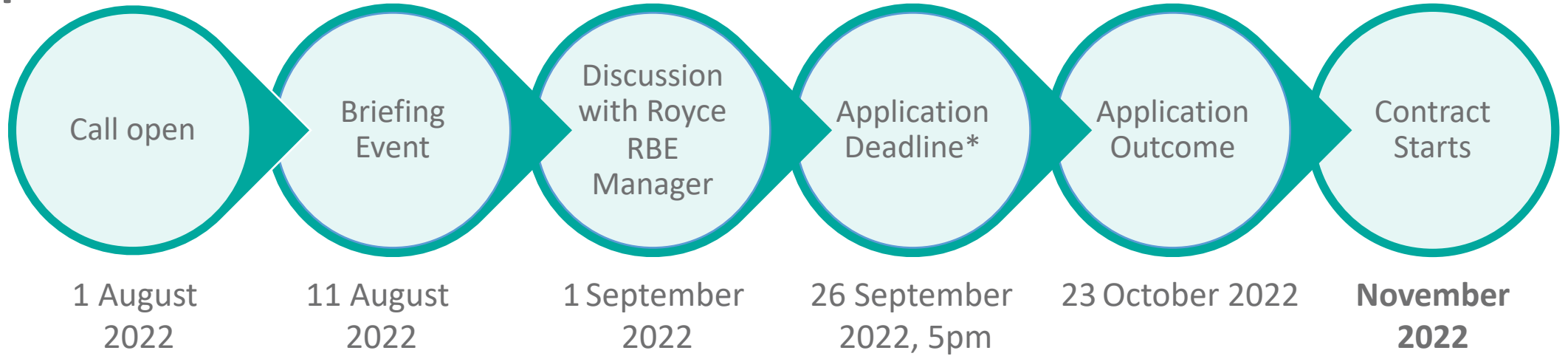
* Allowed only to enhance Royce facility portfolio

	ICP	MCAP
Labour (PI/Co-I/Industrial researcher/Technician/EO)	YES	YES
Materials (i.e for samples)	YES	YES
Capital	YES (up to 20% or £50k max)*	NO
Overheads	YES	YES
Subcontractors	YES	YES
Travel and Subsistence	YES	YES
Royce / Industry equipment usage	YES	YES
Consultancy	NO	NO
Rent / Mortgage on buildings	NO	NO
Non-Royce capital spend	NO	NO

Timeline

* Submission must be made via the online form

ICP



MCAP



Assessment Criteria

	ICP	MCAP
Innovation alignment:	Sustainable Net Zero UK goals	Royce Materials Challenges
Impact and Sustainability:	Ability of team to deliver a high impact project	Ability of team to deliver a high impact project
Excellence:	Potential to enable transformative step changes in research capability Clear SMART objectives with outputs aligned with the priorities of the call	SMART objectives and the expected impact on delivering transformative innovation
Funding (from Royce):	Ability to spend Royce funding by 31 March 2023 Evidencing the value for money Added value of using Royce capabilities In-kind and/or cash contributions	Ability to spend Royce funding by 31 March 2023 Evidencing the value for money