

UK Research and Innovation

Quick Reference

Please note that you must read the full Call document for guidance before submitting your proposal

ISCF Industrial Decarbonisation Research and Innovation Centre - Champion

Call type: Invitation for proposals

Closing date: 22 October 2019 at 16:00

Funding Available: This call is the first stage to fund a £20m Research and Innovation Centre as part of the ISCF Industrial Decarbonisation Challenge. This call will provide £100,000 of funding for one successful Industrial Decarbonisation Champion six month grant followed by one £19.9m Research and Innovation Centre which will be funded until 31 March 2024.

How to apply: This is the first of a two stage application process. Applicants must submit an initial proposal by 22 October 2019 via Je-S with the successful candidate being invited to develop a full proposal and submit via Je-S by 06 July 2020. Only the successful applicant will be invited to submit to the second stage as Principal Investigator. Other applicants may be part of the second stage as Co-Investigators.

Stage 1) ISCF Industrial Decarbonisation Research and Innovation Centre - Champion call – Aimed at identifying a Champion for Industrial Decarbonisation and building a multidisciplinary consortium with six months of funding.

Stage 2) ISCF Industrial Decarbonisation Research and Innovation Centre call – Invited stage for a full proposal for a virtual multidisciplinary research Centre. Its remit will include carrying out multidisciplinary research and cross-cutting activities such as carbon capture and storage, hydrogen, gasification, policy, economic, institutional and regulatory analysis, and knowledge exchange.

Stage 1 will provide up to £100K for the Champion for the six months until the full proposal for a Research and Innovation Centre in Industrial Decarbonisation is submitted. The majority of this award is intended for the successful applicant to network within the research community to develop the agenda for the Centre. It is expected that the Champion will run a number of workshops and activities which will be accessible to the broad industrial decarbonisation community. This award will also provide funds to build the multidisciplinary consortium, and subsequently keep momentum going once the Centre proposal has been submitted. The award can be used to fund PI time, networking activities, workshops, travel and general administrative support during this period.

Assessment Process: Proposals will be assessed via an expert interview panel at both stages

Key Dates:

Activity	Date
Call for Champion Open	09 September 2019
Call for Champion Close	22 October 2019
Expert Interview Panel	W/C 11 November 2019
Decision to applicant	W/C 25 November 2019
Grant start date	06 January 2020
Mid-point review panel	April 2020
Deadline for full ISCF Industrial Decarbonisation Research and Innovation Centre proposal	06 July 2020
Expert Interview Panel	W/C 03 August 2020
Industrial Decarbonisation Research and Innovation Centre starts	02 September 2020

Funding for the Industrial Decarbonisation Champion and the Industrial Decarbonisation Research and Innovation Centre will be provided through the Industrial Strategy Challenge Fund (ISCF). Therefore, there are additional grant conditions and expectations as part of the funding which are fully detailed in this document. The Champion will be accountable to the Industrial Decarbonisation Challenge Director who is responsible for the overall delivery of this ISCF Challenge.

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UK Research and Innovation

ISCF Industrial Decarbonisation Research and Innovation Centre- Champion

Call type: Invitation for proposals

Closing date: 22 October 2019 at 16:00

Related themes: Energy

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Summary

The Industrial Decarbonisation ISCF challenge will be investing up to £170m, delivered by EPSRC and Innovate UK, on behalf of UKRI. The aim of the challenge is to develop and deploy low carbon technologies and enabling infrastructure in one or more heavily industrialised areas, and aims to create at least one low carbon cluster by 2030. This challenge also contributes strongly to the Government's Mission to 'Establish the world's first net-zero carbon industrial cluster by 2040 and at least one low-carbon cluster by 2030'. Further information on the Government Mission can be found here:
<https://www.gov.uk/government/publications/industrial-strategy-the-grand-challenges/missions>

This ISCF Industrial Decarbonisation Research and Innovation Centre Champion call is the first of a two stage process designed to fund a multidisciplinary research and innovation programme, which currently does not exist at the scale required to accelerate the decarbonisation of industrial clusters in the UK. It will seek to accelerate investment, and reduce costs, risks, timescales and emissions, by bringing together established and new technology-based areas. The virtual Research and Innovation Centre will provide evidence to policy makers beyond just this challenge, supporting the broader Government mission on Industrial Decarbonisation (<https://www.gov.uk/government/publications/industrial-strategy-the-grand-challenges/missions>). It will stimulate cross learning between clusters and provide a strong evidence base allowing them to make informed decisions about future decarbonisation options, policies and institutional reforms. The Centre will also seek to address the challenges faced by those clusters both through its research and policy development functions, including analysis of potential institutional reforms.

The process to fund the Industrial Decarbonisation Research and Innovation Centre includes:

Stage 1) ISCF Industrial Decarbonisation Research and Innovation Centre - Champion call – Aimed at identifying a Champion for Industrial Decarbonisation and building a multidisciplinary consortium with six months of funding.

Stage 2) ISCF Industrial Decarbonisation Research and Innovation Centre call – Invited stage for a full proposal for a virtual multidisciplinary research Centre. Its remit will include carrying out multidisciplinary research and cross-cutting activities such as carbon capture and storage, hydrogen, gasification, policy, economic, institutional and regulatory analysis, and knowledge exchange.

Stage 1 is a competition to identify the appropriate Champion who will act as thought leader, advocate, and strategy owner for the Industrial Decarbonisation research community. The successful candidate will be provided with six months' worth of funding to consult with the wider research and industrial community to develop a consensus around a research agenda, build a multidisciplinary research consortium and plan a programme of research to address the key questions in the identified agenda. The successful candidate will be invited to prepare a full application as Principal Investigator, with significant input and support from the wider community, for the Industrial Decarbonisation Research and Innovation Centre and will need to submit this application on the 06 July 2020. The Industrial Decarbonisation Research and Innovation Centre's remit will include carrying out multidisciplinary research and cross-cutting activities such as carbon capture and storage, hydrogen, gasification, policy, economic, institutional and regulatory analysis, and knowledge exchange. The Centre will also be responsible for managing and allocating up to £2m of flexible funds awarded as part of the grant. These flexible funds are a necessary part of the ISCF challenge to allow the programme to be agile and respond to new research opportunities as the activities within the programme progress. Funding calls will be run and managed by the Centre in topic areas identified by the Challenge Programme and independent Advisory Board. All awards made through the flexible funds must comply with standard EPSRC policy and grant conditions. These funds must also be reported on the final expenditure statement (FES) as awarded on the offer letter and a breakdown of the expenditure must be submitted along with the FES.

Although proposals will be administered by EPSRC, applications are welcomed from those who are usually funded via other parts of UKRI (i.e. AHRC, BBSRC, ESRC, MRC, NERC, STFC and Innovate UK). Please see the 'Eligibility' section for more information.

Up to £100K is available for the Champion and will provide funds for the six months until the deadline for a full Research and Innovation Centre proposal. The majority of this award is intended for the successful applicant to facilitate and coordinate networking within the research and industrial community to bring these communities together in an immersive way to develop the agenda for the Centre. It will also provide funds to build the multidisciplinary consortium. The funds can be used for PI time, networking activities, workshops, travel and general administrative support during this period.

A mandatory proposal, for this first stage, must be submitted to EPSRC through the Research Councils' Joint electronic System (Je-S) before **16:00 on 22 October 2019**. Applicants that do not submit by this date will have their applications rejected. Proposals will be assessed at an interview panel, to be held W/C 11 November 2019.

Background

The Industrial Decarbonisation Challenge, funded through the Industrial Strategy Challenge Fund (ISCF) will support delivery of the Clean Growth Grand Challenge and the Industrial Clusters Mission, which has set an ambition to establish the world's first net-zero carbon industrial cluster by 2040, with at least one low-carbon industrial cluster by 2030. The Mission, and this challenge, will help to place the UK at the forefront of the global shift to Clean Growth, by driving the technologies, services and markets to produce low carbon industrial products.

The Committee on Climate Change and the CCUS Cost Challenge Taskforce recommend progress in decarbonising one or more industrial clusters in the 2020s to allow for replication and scale-up in the 2030s and beyond. Research, innovation, policy and planning over this timescale need to be tightly coupled if new technologies and infrastructure are to be deployed in the most effective ways, in terms of costs, risks, impacts on carbon budgets, and alignment with industry needs. The UK's competitive advantage and ability to capture value will be lost if progress is delayed.

Although collectively each cluster offers economies of scale, skills and assets, decarbonising them is extremely challenging as no individual organisation possesses the necessary means, skill sets or incentives to tackle initial, significant and risky investment. The goal is to decarbonise these environments in ways that also create business advantages. This programme will help to de-risk progressive demonstrations, progress solution designs, create new infrastructure and markets (or ensure existing markets adapt quickly), and assist technology exploitation.

The ISCF challenge will be delivered through three different programme strands:

- 1) Industrial Demonstrators and Shared Infrastructure (£132m, Innovate UK)
- 2) Cluster Decarbonisation Roadmaps and Feasibility Studies (£8m, Innovate UK)
- 3) Industrial Decarbonisation Research and Innovation Centre (£20m, EPSRC)

This call forms the first part of delivering Activity 3 listed above.

Role of the Champion

The overall programme is being delivered by UK Research & Innovation. The Champion will initially receive six months of funding. During this time the Champion will put together a proposal for a virtual Research and Innovation Centre with significant input from engagement across a range of academic communities and with industry. It is expected that the Champion will ensure that any workshops held are well publicised and open to the broad industrial decarbonisation community. The Centre will run from 02 September 2020 until 31 March 2024. If the Centre proposal is awarded following peer review, the Champion will act as a Principal Investigator for the Centre. A core aim of this grant is for the Champion to bring together a multidisciplinary community around decarbonising industrial cluster technologies and areas of policy research in order to formulate a proposal to EPSRC for the associated Research and Innovation Centre. Once the Centre is formed, the Champion will have a key role in leading and driving the transfer of knowledge between academia, industry and policy makers.

In the initial six months of the grant the Champion will:

- Engage with academia, industry, policymakers and other stakeholders to develop an interdisciplinary consortium and subsequent proposal for an Industrial Decarbonisation Research and Innovation Centre. It is expected that the Champion will bring together academics, industrialists and other stakeholders to understand the cross cutting research challenges in decarbonising industry which will form the core work packages of the Centre. As this call forms part of the ISCF there should be a strong focus on industry led research challenges being addressed.

In both the initial six month and the lifetime of the Centre:

This virtual Centre will act as the UK focal point and champion for industrial decarbonisation internationally.

This activity aims to deliver the following by 2024:

- Original and high quality multidisciplinary research and cross-cutting activities such as carbon capture and storage, hydrogen, gasification, policy, economic, institutional and regulatory analysis, knowledge exchange and stakeholder engagement, in line with the challenge objectives.
- Help the UK industrial clusters to organise, engage coherently, exchange knowledge, and learn rapidly with academic, industrial and public

technology- or sector-based initiatives both in the UK and internationally, to become world-leading in the 2020s.

- Manage a flexible fund, allowing the academic community to conduct agile research on emerging topics and to help build capacity in the community.
- Joint academia, industry and government forum for knowledge exchange, capacity building and delivery of usable and implementable policy recommendations. This will include utilising wider stakeholder expertise from public sector organisations, relevant national bodies, local authorities, LEPs, consultancies, Catapults and other RTOs, for example.
- A network providing a critical mass of academics with a variety of industrial experiences through engagement opportunities within the programme
- Critical thinking, training and evidence-based recommendations for decision makers, particularly on the application of CCUS, hydrogen, bioenergy, and other emerging and enabling technologies and platforms for decarbonising industrial clusters.
- Options assessment to support skills and (re-)training.

The Research and Innovation Centre will be required to establish an independent Advisory Board who must meet at least annually. It would be expected that the Advisory Board would have membership comprising representatives from academia, industry and government. UKRI will need to approve the membership of the Advisory Board and a representative from UKRI would also be expected to attend these meetings. The Advisory Board will work with the Challenge Director to ensure that the Challenge Objectives are being met.

The full expectations for the Centre will be set out in the Centre call document but are expected to resemble the description given above.

As this funding forms part of the Government's Industrial Strategy Challenge Fund (<https://www.ukri.org/innovation/industrial-strategy-challenge-fund/>) it is imperative that the successful Champion has a strong understanding of academic research and the ability to recognise and respond to the needs of industry. They must also be able to provide a credible voice to a range of external stakeholders including Government departments. The Champion will be required to work closely with the Industrial Decarbonisation Challenge Director and other parts of the programme to ensure research and knowledge exchange elements are integrated across the programme and maximise the impact of the programme as a whole. The Champion will be accountable to the Industrial Decarbonisation Challenge Director who is responsible for the overall delivery of this ISCF Challenge.

This call is being run by EPSRC on behalf of UK Research & Innovation Councils. For more information about UKRI's portfolio and strategies, see our website:

<https://www.ukri.org/about-us/delivery-plans/>

Funding available

A grant for up to £100K is available from EPSRC for a period of six months. This grant must start in January 2020 and end no later than 06 July 2020.

The funding can be used for the following:

- PI time
- Administrative support
- Project manager with finance experience
- Professional facilitator costs for workshops
- Research Associates (RAs) salary to support workshops, etc.
- Travel, networking, venues, etc.

We do not expect this role to be full-time. It is for the applicant to assess how much time they could commit to this role balanced alongside their other responsibilities.

Applications are welcome from academics that job share, have a part time contract or those currently committed to other longer, large existing grants (centres, hubs, programme grants, CDT, etc.) which are due to end with enough time to enable the applicant to be able to fulfil the Champion role. In these cases, it would be acceptable to include supporting Co-Investigators. If you intend to add a Co-Investigator, please contact EPSRC before applying (contact details towards the end of this call).

It would be acceptable to have Co-Champions (maximum 2) with a clear split of responsibility (e.g. 1) Strategy, 2) Management). In this case the applicants must make clear to the panel what the added value this approach brings and why this is better than a single Champion.

Equality, Diversity and Inclusion

The long term strength of the UK research base depends on harnessing all the available talent and the Research Councils have together developed the ambitious UK Research and Innovation Equality, Diversity and Inclusion Action Plan <https://www.ukri.org/files/legacy/skills/action-plan-edi-2016/>

In line with the UK Research and Innovation Diversity Principles, UKRI expects that equality and diversity is embedded at all levels and in all aspects of research practice. We are committed to supporting the research community in the diverse ways a research career can be built with our investments. This includes career breaks, support for people with caring responsibilities, flexible working and alternative working patterns. With this in mind, we welcome applications from academics who job share, have a part-time contract, need flexible working arrangements or those currently committed to other longer, large existing grants. Please see our Equality and Diversity webpages <https://epsrc.ukri.org/funding/equalitydiversity/> for further information.

The selected Champion will be required to demonstrate how these principles are embedded into the operation of the Centre throughout the lifetime of the grant.

Equipment

Equipment over £10,000 in value (inc. vat) is not available through this call. Smaller items of equipment (individually under £10,000) should be in the Directly Incurred - Other Costs heading.

For more information on equipment funding, please see:
<https://epsrc.ukri.org/research/facilities/equipment/>

Eligibility

For this call, standard EPSRC eligibility rules apply; however, it should be noted that investigators from all disciplines supported by UKRI are welcomed and encouraged to apply.

Please ensure sufficient time to create Je-S accounts for Investigators who do not currently have one.

For information on the eligibility of organisations and individuals to receive EPSRC funding, see the EPSRC Funding Guide:
<https://epsrc.ukri.org/funding/applicationprocess/fundingguide/>

A list of eligible organisations to apply to UKRI is provided at:
<https://www.ukri.org/funding/how-to-apply/eligibility/>

Any individual employed by one of these eligible organisations including UK Higher Education Institutions, Independent Research Organisations (IROs) and Research Institutes, may apply for stages 1 and 2.

How to apply

Submitting an application

You should prepare and submit your proposal using the Research Councils' Joint electronic Submission (Je-S) System (<https://je-s.rcuk.ac.uk/>).

When adding a new proposal, you should select:

- Council 'EPSRC'
- Document type 'Standard Proposal'
- Scheme 'Standard'
- On the Project Details page you should select the 'Decarbonisation Research and Innovation Centre' call.

Note that clicking 'submit document' on your proposal form in Je-S initially submits the proposal to your host organisation's administration, not to EPSRC. Please allow sufficient time for your organisation's submission process between submitting your proposal to them and the call closing date. EPSRC must receive your application by 16:00 on 22 October 2019.

Guidance on the types of support that may be sought and advice on the completion of the research proposal forms are given on the EPSRC website (<https://epsrc.ukri.org/funding/applicationprocess/>) which should be consulted when preparing all proposals.

Guidance on writing an application

Applicants should use the Ethical Information section on the Je-S form to demonstrate to peer reviewers that they have fully considered any ethical issues concerning the material they intend to use, the nature and choice, current public perceptions and attitudes towards the subject matter or research area. EPSRC will not fund a project if it believes that there are ethical concerns that have been overlooked or not appropriately accounted for. All relevant parts of the Ethical Information section must be completed. If the research will involve human participation or the use of animals covered by the Animals (Scientific Procedures) Act 1986 it is recommended that applicants pay particular attention to the guidance highlighted below. EPSRC reserves the right to reject applications prior to peer review if the Ethical Information sections are not completed correctly.

Further guidance on completing the Je-S form can be found at <https://je-s.rcuk.ac.uk/Handbook/pages/GuidanceonCompletingaStandardG/EthicalInformation.htm>. Other relevant guidance includes: EPSRC's policy on animal use in research (<https://www.epsrc.ukri.org/about/standards/animalresearchpolicy/>) and the Responsible Innovation Framework (<https://epsrc.ukri.org/research/framework/>).

Please note that on submission to EPSRC **all** non-PDF documents uploaded onto Je-S are converted to PDF, the use of non-standard fonts may result in errors or font conversion, which could affect the overall length of the document.

For advice on writing proposals see:

<https://epsrc.ukri.org/funding/howtoapply/preparing/>

Assessment

Assessment process

Sift stage process

Depending on the number of applications submitted, EPSRC reserves the right to hold a sift panel shortly after the main deadline at the end of October 2019. The expert panel will sift the stage 1 full applications using the criteria detailed below and invite a maximum of ten strongest applicants to interview stage.

Interview process

The proposals will not be assessed by postal peer review, as the applicants will be assessed by an independent panel of experts, with membership drawn from those with experience of UKRI leadership roles, longer larger grants, fellowships and industrial experience. The applicants will be invited to an interview in November and will be asked to give a brief 10 minute verbal presentation on a specific topic, designed to assess the applicant's strategic thinking. The details of this presentation and the topic will be included in the guidance for interviewees.

The interview will also comprise questioning from the panel to assess the applicants against the assessment criteria detailed in this document.

The expert panel will then rank the applicants based on the assessment criteria and person specification (see the next section). Unsuccessful applicants will be given feedback from the panel on their proposal. Applicants who are not successful at Stage 1 are encouraged to engage with the successful Champion to form part of the wider Industrial Decarbonisation Research and Innovation Centre team and would be eligible to apply as Co-Investigators.

Successful Champion Candidate

Following the expert panel, the successful PI will be invited to a meeting with the ISCF Industrial Decarbonisation challenge team, in Swindon, to be presented with the full Industrial Decarbonisation Research and Innovation Centre call document (Stage 2).

The successful Champion will work closely with the ISCF Industrial Decarbonisation challenge team at UKRI to ensure that an appropriate multidisciplinary consortium is built and integrity of the subsequent full application. In April 2020, UKRI will hold an interim expert panel interview to provide feedback on progress made so far by the Champion, against the assessment criteria. The Champion will also be in regular communication with UKRI staff. Feedback and steer will be given by the panel to ensure the proposed Centre meets the criteria fully.

Assessment Criteria and Person Specification for Stage 1

Since Stage 1 is an assessment of the applicant and their ability to lead, a competency based person specification will be used in addition to standard Research Council criteria. The person specification will be used to describe the desired qualities, skills, experience, and attributes expected to be demonstrated by a successful applicant. These are detailed in the table below. Note, the role is not solely about research facilitation/coordination, but is more outward facing in terms of engagement with stakeholders and understanding the political as well as research landscape.

Criteria/Attribute	Description
Quality (Primary criterion)	<ul style="list-style-type: none"> - A proposed plan to engage researchers across a breadth of research interests to build a programme of work for the Industrial Decarbonisation Research and Innovation Centre - A vision for how the planned Centre will work across the Industrial Decarbonisation ISCF programme to ensure cohesion of activities - A high quality proposed programme of networking and engagement activities across academia, industry and government to inform plans for the Centre

Impact (Secondary major criterion)	<ul style="list-style-type: none"> - Articulation of who will benefit from the six months of planned activities - Description of proposed plans to maximise the impact of the Centre as well as the programme as a whole - Clear plans for how the Champion envisages building a consortium who will be part of the Centre research and management team - Plans for impacting the broader landscape of Industrial Decarbonisation including contributing to the Government Mission - Explain how the Centre would respond to new and emerging issues throughout the duration of the award.
Resources and management (Secondary criterion)	<ul style="list-style-type: none"> - Effectiveness of planning and resource management - Appropriateness of resources requested - Demonstrate how they would manage a flexible fund
Thought leadership (Secondary criterion)	<p>The applicant must:</p> <ul style="list-style-type: none"> - Demonstrate that they are mindful of the current research landscape beyond their own particular research focus area - Show evidence that they are able to assemble key information across disciplines to build a compelling narrative and communicate this, effectively, to the right stakeholders at the right time - Be able to demonstrate how they have given advice to or influenced industrial users of the research and policy makers
Inspirational team leader (Secondary criterion)	<p>The applicant must:</p> <ul style="list-style-type: none"> - Demonstrate their ability to guide and inspire others and to identify and maximise potential in others (i.e. get the best out of people) - Describe how they would deliver a Centre-wide plan to support and develop early career researchers as future leaders as well as providing a supportive environment from an equality, diversity and inclusion (EDI) perspective
Community ambassador (Secondary criterion)	<p>The applicant must:</p> <ul style="list-style-type: none"> - Give evidence of a profile within the research community for research excellence - Demonstrate they can act as a figurehead for the Industrial Decarbonisation community - Demonstrate how they would act as an ambassador and advocate for a research field / theme and for research in general

Assessment Criteria for Stage 2:

Criteria/Attribute	Description
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Quality (Primary criterion)	<ul style="list-style-type: none"> - A proposed strong, multidisciplinary partnership of researchers with the necessary skills, including associated enabling disciplines, to address the Industrial Decarbonisation Challenge. - A high quality proposed research programme and associated knowledge exchange activities.
Impact (Secondary major criterion)	<ul style="list-style-type: none"> - Articulation of who will benefit from the Research and Innovation Centre and who the research will impact - Description of proposed plans to maximise the impact of the Centre as well as the ISCF programme as a whole - Clear plans for how the team envisage the Centre to impact the broader landscape of Industrial Decarbonisation including contributing to the Government Mission.
National importance (Secondary criterion)	<ul style="list-style-type: none"> - Articulation of how the Research and Innovation Centre will meet the needs of the UK in the context of this ISCF Challenge. - Demonstration of underpinning or contribution to: health of other disciplines, addressing key societal challenges, current or future economic successes and/or enables future development of emerging industries.
Resources and management (Secondary criterion)	<ul style="list-style-type: none"> - Effectiveness of planning and resource management. - Appropriateness of resources requested.
Partnership and User Engagement Strategy (Secondary criterion)	<ul style="list-style-type: none"> - Demonstration of a strong approach to partnerships and user engagement to enhance the impact of the Research and Innovation Centre and to open up translation pathways within the ISCF Industrial Decarbonisation Challenge Programme and beyond

Additional grant conditions (AGCs)

Grants will be subject to the standard UK Research and Innovation grant conditions however as this funding is provided through the Industrial Strategy Challenge fund, additional grant conditions will be added. These will be as follow:

GAC 1 - Role of ISCF Challenge Directors

This grant is supported through the Industrial Strategy Challenge Fund (ISCF) which is led by a UKRI-appointed ISCF Challenge Director. In accepting this award, the Principal Investigator acknowledges the need for the Challenge Director to have control over the Challenge and agrees to work with the Challenge Director to ensure that the work supported under this grant contributes to the overall delivery of the Challenge. The Principal Investigator, with advice from the Management Team and Advisory Board, retains control of the project funds for the duration of the project.

GAC 2 - Governance

Further to RGC 7 Monitoring, this grant is subject to the framework principles of the EPSRC 'Standard' scheme and will be expected to work alongside other grants and governance structures under this scheme where appropriate.

EPSRC will nominate a member of UKRI staff (The Project Officer) who will be your primary point of contact. The Project Officer will ensure that the project is being run in accordance with the terms and conditions and in line with financial due diligence. The Project Officer(s) should have access to all documentation of Governance and Reporting bodies, in so far as it relates to the administration and application of the grant. As funding administrators, all UKRI staff have agreed to maintain the confidentiality required by all parties involved in EPSRC funded research.

GAC 3 - Reporting

In addition to the requirements set out in standard UKRI grant conditions RGC 7.4 Research Monitoring and Evaluation, 7.5 Disclosure and Inspection, EPSRC reserve the right to instigate a review of all or part of the grant at any stage during the lifetime of the award as well as after the grant has finished. An expert panel interview review of this grant will take place to assess the performance of the grant in line with the peer reviewed body of work, published scheme assessment criteria and deliverables. EPSRC will give the Grant Holder due notice of the date of any review and will provide details of the Terms of Reference and documentation required. Any review will be conducted by an expert panel, which will make recommendations to EPSRC for the grant's future.

In addition to the requirements set out in the standard UKRI grant condition RGC 7.4.3, the Grant Holder is responsible for providing quarterly progress reports against non-financial performance metrics. A detailed list of performance metrics and instructions for reporting will be agreed with the Grant Holder upon commencement of the grant.

GAC 5 - Cost overrun

UKRI will not be responsible for any cost overrun incurred during the course of this grant. The Research Organisation(s) will be required to make up any shortfall from alternative sources.

GAC 6 - Expenditure

At the start of the grant the financial spend profile will be agreed by Us in discussion with the Principal Investigator

In addition to any reporting requirements set out in GAC 3 the Grant Holder must immediately notify the EPSRC Project Officer(s) of any accumulation, slippage or variation in expenditure greater than 5% of the annual profiled funding. We reserve the right to re-profile the grant if required.

Any deviation from the agreed allocation of funding and profiled costs must be negotiated and approved through written consent by Us, acting on behalf of UKRI and the ISCF Steering Board. The approval of profile changes should not be assumed and will be dependent on spend across all associated grants.

For the avoidance of doubt, the financial year will run April to March in the subsequent year and no carry over of underspend is permissible between financial years.

Payments will be in arrears with payments in advance of need provided by exception and on a case by case basis where appropriate evidence is available that spend will be incurred and will not lead to overspend on the profiled amount. Spend will be subject to reporting requirements as outlined in GAC 3.

Further grant conditions may be added at a later stage in the process.

Moving forward

A full call document for the £19.9m Industrial Decarbonisation Research and Innovation Centre will be shared with the successful applicant to the Champion call. The Champion will have six months in which to bring together a team from across disciplines to form a proposal for the Industrial Decarbonisation Research and Innovation Centre. A mid-point expert panel will be held to monitor progress against assessment criteria. The deadline for the full proposal will be the 06 July 2020 and will be assessed by an expert interview panel in August 2020. The assessment criteria for this stage is detailed in this document. The proposal will need to demonstrate a clear fit to the assessment criteria and be scored highly enough by the panel to be funded.

Submissions to this call will count towards the Repeatedly Unsuccessful Applicants Policy. Further information about the policy can be found at: <https://epsrc.ukri.org/funding/howtoapply/basics/resubpol/rua/>

Key dates

Activity	Date
Call for Champion Open	09 September 2019
Call for Champion Close	22 October 2019
Expert Interview Panel	W/C 11 November 2019
Decision to applicant	W/C 25 November 2019
Grant start date	06 January 2020
Mid-point review panel	April 2020
Deadline for full ISCF Industrial Decarbonisation Research and Innovation Centre proposal	06 July 2020
Expert Interview Panel	W/C 03 August 2020

Industrial Decarbonisation Research & Innovation Centre starts	02 September 2020
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*EPSRC aims to adhere to the key dates as published, however there may be exceptions where the sift, prioritisation or interview meeting may have to change due to panel member availability.

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Change log

Name	Date	Version	Change
Katharine Dunn	27/08/19	1	N/A

Appendices

Je-S attachments Check List

Standard:

Attachment Type	Maximum Page length	Mandatory/Optional	Extra Guidance
Case for Support	Eight pages	M	Comprising up to two A4 sides for a track record, and six A4 sides describing

			proposed plan of work for 6 months and its context
Pathways to Impact	Two pages	M	
Workplan	One page	M	
Justification for Resources	Two pages	M	
CV	Two pages each	M	Please include CV for PI
Project Partner Letters of Support	No page limits	As Required by EPSRC	Must be included from all named project partners. Must be on headed paper, and be signed and dated within six months of the proposal submission date.
Letters of Support	No page limits	As Required by EPSRC	In exceptional circumstances a maximum of three letters can be submitted.
Proposal Cover Letter	No page limit	Optional	The cover letter can be used to highlight any important information to EPSRC. This attachment type is not seen by reviewers or panel members.

Please ensure you adhere to the above attachment requirements when submitting your proposal. Any missing, over length or unnecessary attachments may result in your proposal being rejected.