



# ACT Third Call

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This is **Version 4** of the ACT Third Call

**Version 1** was published 2 June 2020 at the ACT web site, <http://www.act-ccs.eu/calls>

**Version 2** was published 25 June 2020 at the ACT web site.

Changes from version 1 to version 2: The French budget was increased to € 2 million and Agence Nationale de la Recherche (ANR) was included as funding organization.

**Version 3** was published 20 July 2020 at the ACT web site.

Changes from version 2 to version 3: India was included in the ACT3 call.

**Version 4** was published 28 July 2020 at the ACT web site.

Changes from version 3 to version 4: Italy was included in the ACT3 call.

## ACT joining forces for implementation of CCUS

### Introduction

Accelerating CCUS Technologies (ACT) is an initiative to facilitate the emergence of CO<sub>2</sub> Capture, Utilisation and Storage (CCUS) via transnational funding of projects aimed at accelerating and maturing CCUS technology through targeted innovation and research activities. This document establishes the terms of the third ACT call for proposals.

To date there have been two ACT calls, the first (in 2016) was an ERA-Net Cofund which mobilised funds from participating partners and the European Commission and the second call (in 2018) was funded by participating national funding agencies only.

### ACT1 - The First Call for ERA-Net Cofund Proposals

The first ACT call (ACT1), saw a total of ten partners from nine European countries join forces and together with top-up funding from the European Commission they made available €37 million for research and innovation actions related to CCUS. There were eight projects funded under the first call.

The following countries participated in the first ACT call: Norway (coordinator), Germany, Romania, Spain, Switzerland, the Netherlands, Turkey and the United Kingdom. In addition, Greece was a founding member of ACT without taking part in the first ACT call. The national funding bodies participating in the first ACT call were supported by funding from the European Union's Horizon 2020 research and innovation programme under grant agreement No 691712. The ERA-Net Cofund established the transnational initiative, and eight projects were funded under the first call.

### ACT2 – The Second Call for Proposals

All nine countries from the previous ACT call invited further Mission Innovation countries to join the second call (Germany, Norway, the Netherlands and the United Kingdom were already part of the Mission Innovation community). France and the United States decided to join the second call. A total of €31.5 million for research and innovation were available, and 12 projects were funded under this call.

### ACT3 – The Third Call for Proposals

Following the success of ACT's first and second calls, the Canadian province of Alberta, Denmark, India, Italy and Europe's Nordic Countries via Nordic Energy Research decided to participate in this third call, joining forces with France, Germany, Greece, Norway, Romania, Switzerland, The Netherlands, Turkey, the United Kingdom, and the United States.

All funds will be allocated from national and regional budgets that support research and development as well as pilot and demonstration projects. National and regional funds will support entities from that funding body's country or region as noted in the specific funding bodies' rules (Annex 1). In general, however, ACT's funding bodies do not envisage a transfer of funds between participating countries and regions.

Further information can be found on the ACT web-site: [www.act-ccs.eu](http://www.act-ccs.eu).

Note: the term CCUS is used to refer to all areas of the CCS/CCUS chain.

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## 1. Introduction

This document describes the objectives, scope, and topics of the call, rules for participation and procedures from proposal to implementation of the projects. Further information on ACT can be found on the ACT website: <http://www.act-ccs.eu>.

On the ACT website a matchmaking section is provided in order to support consortium building. Applicants looking for project partners can find potential partners listed in this section. If they wish to be listed themselves, they should contact their national/regional contact person.

ACT strives to be complementary to calls for proposals issued by the EC under its current and subsequent Horizon 2020 and Horizon Europe Work Programme, or other available instruments, including the national research programmes planned by the countries involved in ACT.

The ACT call is a two-stage process. Stage 1 asks for pre-proposals, and Stage 2 asks for full project proposals.

**The call for pre-proposals is open until 10 November 2020  
(13:00 CET).**

By or on 10 December 2020 applicants that are successful in Stage 1 will be invited to enter Stage 2 of the procedure.

**The call for full proposals will close on 15 March 2021  
(13:00 CET).**

The targeted start date for projects is end September 2021

## 2. National/Regional Funding Bodies, Level of Funding

The budget that is available for this Call from each funding body is shown in Table 1.

Each national/regional funding body will provide funding for national/regional entities only. For example, in a project involving Germany, the Netherlands and the United Kingdom, Germany will fund the German based organisations, the Netherlands will fund the Dutch organisations and so on. As such, in addition to the rules for participation set in this call, national/regional eligibility criteria will apply for each country/region participating in the call (see Annex 1 for details).

**Table 1. National/regional funding bodies and budget**

Participating country/region	Funding organisation	Available / indicative budget (€ million)
Canada, Province of Alberta	Emissions Reduction Alberta (ERA) (indicative at current exchange rate €3.3 million)	\$5 million CAD
Denmark	The Danish Energy Agency – Energy technology development and demonstration program (EUDP)	3
France	The French Agency for the Environment and Energy Management (ADEME) and Agence Nationale de la Recherche (ANR)	2
Germany	Forschungszentrum Jülich GmbH, Projektträger Jülich (FZJ/PtJ)	3
Greece	General Secretariat for Research and Technology (GSRT)	1
India	Department of Science and Technology (DST), Ministry of Science and Technology, Government of India	1
Italy	Ministry for Universities and Research (MIUR)	0.6
The Netherlands	Rijksdienst voor Ondernemend Nederland (RVO)	4
Nordic Countries (Denmark, Finland, Iceland, Norway, Sweden, including the autonomous areas of Åland, Faroe Islands and Greenland)	Nordic Energy Research (NER) (indicative at current exchange rate €0.3 million)	NOK 3.0 million
Norway	The Research Council of Norway (RCN) (indicative at current exchange rate €5.5 million)	NOK 60 million
Romania	Executive Agency for Higher Education, Research and Innovation Funding (UEFISCDI)	0.5
Switzerland	Swiss Federal Department for the Environment, Transport, Energy and Communications (DETEC) (indicative at current exchange rate €2.7 million)	CHF 3 million
Turkey	The Scientific and Technological Research Council of Turkey (TUBITAK)	0.4
United Kingdom	Department for Business, Energy and Industrial Strategy (BEIS) “The UK, under the ACT3 Call wishes to remain a key member of the ACT Consortium, however future UK spending decisions do not allow us to commit to a specific amount of funding for ACT3 at this stage. The level of funding will be determined at a later stage once the availability of funds are known”.	Subject to approval
United States	Department of Energy (DoE) (indicative at current exchange rate €1.8 million)	US\$ 2 million

### 3. Scope

The intention of ACT is to facilitate the emergence of CCUS by accelerating and maturing CCUS technology through targeted financing of innovation and research activities.

ACT will address the technological, environmental, social and economic challenges required to accelerate CCUS. Projects that incorporate or address the Priority Research Directions (PRDs, [link](#)) identified at the Mission Innovation CCUS Challenge Workshop (Houston 2017) will be particularly welcome.

Projects are also encouraged to address one or several of the research and innovations activities in the SET-Plan CCS and CCU Implementation Plan endorsed by the SET-Plan Steering Group in September 2017 ([download](#)).

### 4. Objective of the Third ACT joint call

Successful projects will facilitate the emergence of CCUS in the energy and industrial sectors. The ACT ambition of accelerating the time to market for CCUS technology will require industrial involvement in research and innovation activities. Therefore, project proposals that are led by industrial partners are particularly welcome.

The call does not include specific targets for Technology Readiness Level (TRL, see Figure 1), but large projects should include higher TRL levels and all projects must aim to advance the TRL as a result of the project. More information on TRLs eligible for support can be found in the national/regional annexes. ACT recognizes that the acceleration of the deployment of CCUS technologies needs to consider not only TRLs but also costs, markets and supporting frameworks. The Australian Renewable Energy Agency (ARENA) has developed and applied the concept of a Commercial Readiness Index, CRI. The CRI casts technologies on the one hand in terms of a commercial status (its commercial value proposition and the ability to obtain financing for deployment). On the other hand, technologies are characterized by a set that describes the regulatory environment, stakeholder acceptance, technical performance, techno-economic assessments and revenue generation potential, state of the supply chain, pathways to market and maturity of the sector where a technology might be deployed. This approach enables the consideration of a complementary set of indicators that are largely governed by location-specific factors that lends itself to transnational research and innovation projects where both, TRL and CRI need advances to accelerate deployment.

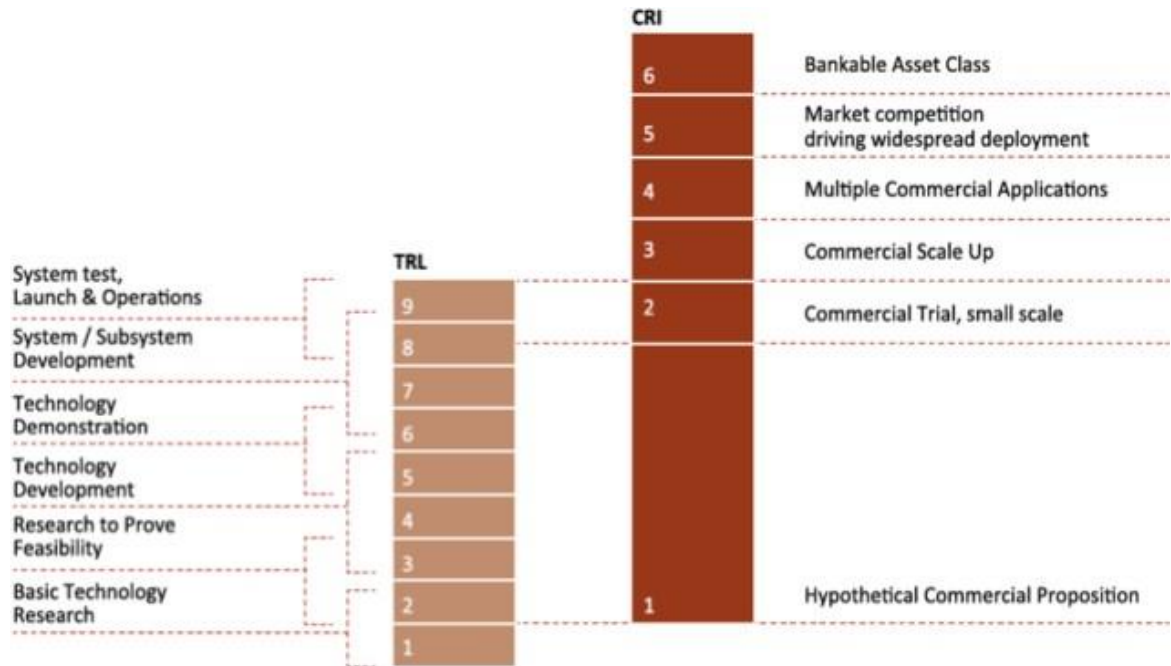
CRIs do not have to be addressed directly in the submitted proposals. However, project proposals must illustrate how their projects may help accelerate the time to market of affordable, cost-effective, low environmental impact and resource efficient CCUS technology.

Access to top class research infrastructure is key for reaching ACT objectives. Project proposals should, if relevant, seek to maximise synergies with existing infrastructures, such as, for example ECCSEL<sup>1</sup>, members of the International Test Centre Network<sup>2</sup> and the Alberta Carbon Conversion Centre<sup>3</sup> (ACCTC). Projects should have a significant bearing on accelerating CCUS technology.

<sup>1</sup> Details available at [www.eccsel.org](http://www.eccsel.org)

<sup>2</sup> Details available at <https://www.nationalcarboncapturecenter.com/itcn/>

<sup>3</sup> <https://innotechalberta.ca/research-facilities/alberta-carbon-conversion-technology-centre-acctc/>



**Figure 1. Relationship between Technology Readiness Levels (TRL) and Commercial Readiness Indicators (CRI). Source: Looking Forward: Barriers, risks and rewards of the Australian Geothermal Sector to 2020 and 2030<sup>4</sup>. Commonwealth of Australia (Australian Renewable Energy Agency) 2014.**

Where relevant, CO<sub>2</sub> utilisation projects should include documentation to show that the project processes result in reductions of CO<sub>2</sub> emissions. Further information is provided in a number of the relevant funding bodies’ rules in Annex 1.

Research related to public acceptance or environmental impact indicators may form a part of proposals.

## 5. Rules for Participation (transnational eligibility criteria)

The requirements detailed in this section must be met by **all** applicants. In addition to these general requirements there are *specific national/regional funding body rules that must also be followed* (see Annex 1).

For applicants in EU countries, compliance with EU rules and guidelines for state aid is crucial. Each of the ACT funding organisations shall ensure that their funding of the respective national/regional part of an ACT project is in accordance with state aid regulations.

### 5.1. Types of research, development and innovation activities

ACT is seeking innovative projects that range from smaller research projects to new or already existing pilot and demonstration facilities sites. New pilot and demonstration facilities should have potential for upscaling to industrial size either in a demo phase or early commercial phase. The combination of activities ranging from basic to applied research within one project is eligible and encouraged (differentiation between research stages should be described in the relevant work packages) as long as the eligibility rules of the individual funding agencies involved are fulfilled.

<sup>4</sup> See in particular: Annex C Briefing note: Commercial Readiness Index



## 5.2. Who can participate and apply?

Each project proposal must be submitted by a project consortium consisting of at least three eligible applicants funded by at least three countries / regions participating in this ACT call. Each project consortium must have the required expertise to undertake research and development within the specified themes.

### 5.2.1. Lead Applicant's Role

The Lead Applicant submits the joint proposal and will be responsible for running and managing the project, if the proposal is selected for funding. The lead applicant will be the contact point with the ACT Secretariat on behalf of the whole project consortium and will be responsible for the administrative management of the project. In addition, the Lead Applicant will act as the national/regional consortium leader and be responsible for leading any national/regional partners. The Lead Applicant must be eligible for funding by one of the funding bodies participating with funding for this call. Please check the eligibility criteria of the relevant national/regional funding bodies in Annex 1.

### 5.2.2. Co-Applicant's Role

Each Co-Applicant is responsible for their share of the project work. There may be more than one Co-Applicant from a country/region. If there is more than one Co-Applicant from a country/region, one of them should be identified as the national/regional consortium leader. All Co-Applicants must be eligible for funding by one of the funding bodies participating with funding in this call. Please check the eligibility criteria of the relevant national/regional funding bodies in Annex 1.

### 5.2.3. Cooperation Partners

A Cooperation Partner is a partner in the proposal that participates without receiving funding from one of the ACT-consortium countries/regions, either because their national/regional funding body is not participating in the call or because they are not eligible for funding from participating funding bodies. Cooperation Partners can be included in the consortium if (a) they finance their activity from other sources than ACT and (b) the consortium in general fulfils the requirements on the number of applicants from participating countries/regions. Project consortia involving Cooperation Partners must ensure that project results will be relevant for participating countries/regions.

### 5.2.4. Project Consortium

The added value to the project resulting from cooperation must be addressed in the proposal. There is no limit to the total number of partners who may be involved in each project. However, the ACT Consortium expects proposals for large projects to be submitted by consortia comprising applicants from at least four participating countries/regions. The term "large projects" as used in this call text refers to projects with either a budget request above four million Euros or at least ten partners. Those with a budget at or below four million Euros and less than ten partners are "small projects".

The following applies in general to all projects:

- No partner may represent more than 70% of the activity (in terms of person months) in the project.
- Consortia may consist of partners from universities, companies, industry organisations, local/regional governments, research organisations and NGOs.
- Consortia may consist of partners across several positions and disciplines within research and development systems (i.e. basic research, applied research, innovation, business etc.)
- In the case of the large projects, the consortia are required to demonstrate the interest of industry partner(s) by actively involving them in the project.
- All partners must provide a Letter of Intent as part of the full proposal. Such a letter must contain an explicit declaration regarding any financial or in-kind contributions agreed upon and the role of the partner. In-kind is regarded as a contribution of an individual's and or entity's

time and or materials (use of software or access to facilities) which may or may not have a cost and may or may not be a signatory to a grant agreement.

- Changes to the composition of the consortium are permitted, provided that if a partner is dropping out, is being replaced or is added, this will have only a minor impact on the planned output of a consortium. Any change to the project of any type requires the prior approval of the involved funding bodies.

### 5.3. Project Duration and Budget

It is expected that projects are funded for a duration of up to 3 years and will start around end September 2021. Shorter projects that accelerate CCUS development are encouraged. The exact starting date may depend on the budget allocation and requirements of specific funding bodies. A justification of the requested budget will be required as part of the proposal. The estimated budget must be provided in the format indicated in Annex 4. All costs must be eligible according to the funding bodies' rules (see Annex 1). If in doubt, applicants should consult their respective funding bodies which can advise on funding rules (contact details can be found in Annex 1).

### 5.4. Funding Bodies' Rules and Eligibility Criteria

In addition to the general rules and procedures laid down in the section above, specific eligibility criteria apply for each of the participating funding bodies, which must also be met by applicants. This includes but is not limited to: restrictions on the types of organisations that can be funded, requirements regarding the types of activities that can be funded, national/regional evaluation rules, maximum funding per partner or per project, etc. We strongly recommend that applicants contact the national/regional contact person at the relevant funding body (see Annex 1) to confirm their eligibility before submitting a proposal.

***Please note that both the funding bodies' eligibility criteria and those listed in this call text must be met in order for proposals to go forward to the second stage of the evaluation.***

## 6. Submission

Within the framework of ACT, a **two-stage submission and evaluation procedure** will be adopted.

All pre-proposals (stage 1) and full proposals (stage 2) to this ACT call shall be submitted by the lead applicant to the ACT Secretariat (Research Council of Norway, RCN).

Proposals must be prepared in English. Proposals written in other languages will not be accepted (however you may also be asked by your national/regional contact person to submit in your own language).

### 6.1. Submission of Pre-Proposals (Stage 1)

Pre-proposals (stage 1) shall be submitted to RCN by email to [act-ccs@rcn.no](mailto:act-ccs@rcn.no).

Pre-proposals must be based on the template in Annex 2 together with partner information and budgets set up in the template in Annex 4.

***Submission of a pre-proposal is required before the deadline of 10 November 2020, 13:00 CET. Please note that pre-proposals will be rejected if the application is not received by this deadline (there will be no exceptions)<sup>5</sup>.***

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<sup>5</sup> Note the ACT management group reserves the right to amend any deadline in the event of exceptional circumstances.

All documents must be submitted as PDF. In addition, Appendix 4 must be submitted as an Excel file. As an alternative, encrypted files can be submitted, and file transfer systems can also be used. In all cases all information must be submitted before the deadline, including information on how to open encrypted files and information on how to access file transfer systems.

Regarding additional national/regional requirements for the submission of documents at the national/regional level you are advised to carefully check Annex 1: *Specific Funding Bodies' Rules*.

## 6.2. Submission of Full Proposals (Stage 2)

Full proposals (stage 2) shall be submitted via the electronic application system of the ACT Secretariat (hosted by the Research Council of Norway). A link to the system will be provided in December 2020 to all applicants invited to stage 2.

Full proposals must be based on the template in Annex 3 together with budgets set up in the template in Annex 4.

***Submission of the full project proposal must be via the ACT Secretariat's electronic submission system before the deadline of 15 March 2021, 13:00 CET (again, late applications cannot be accepted under any circumstances). (However, see Footnote 5 on exceptional circumstances).***

The electronic submission system requires that a standard form is filled in with key data for the proposal. Please note that financial figures should be in Euro, even when the submission system asks for Norwegian Krone (to avoid unnecessary administrative costs ACT is using the system used by the Norwegian Research Council). In addition, a PDF (Portable Document Format) of the proposal must be submitted.

An **online help document for submission** is provided via The Research Council of Norway system. Details are available at <https://www.forskningsradet.no/en/apply-for-funding/writing-grant-applications/learn-more-about-the-application-form/>.

Regarding additional national/regional requirements for the submission of documents at the national/regional level you are advised to carefully check Annex 1: *Specific Funding Bodies' Rules*.

The full proposal should be submitted with signed Letters of Intent (LoI) from **all Co-Applicants / Co-operation Partners as appendices to the proposal**. Therefore, it is **the Lead Applicant's duty to ensure all partner's LoI are signed on submission**.

## 6.3. General Conditions

By transmitting your pre-proposal/full proposal, you give permission for it to be forwarded to your relevant funding body as well as to all other participating funding bodies involved in ACT. You also agree that the proposal can be forwarded to independent evaluators.

It is not possible to resubmit the pre-proposal/full proposal or parts of it or to revise the pre-proposal/full proposal after the submission deadline. Resubmitting the proposal before the submission deadline is possible.

If after reading the instructions in this Call text, information at the ACT-website and the online help document linked above you still have technical questions about the use of the system, please contact the ACT Secretariat at the Research Council of Norway (contact details available in Section 11).

## 7. Evaluation procedure

Within the framework of ACT, a **two-stage evaluation procedure** will be adopted.

First, the pre-proposals will be assessed by the national/regional funding bodies. The procedure used for this assessment, in particular the depth of the assessment, varies among the participating funding bodies. Further information on this may be available from the national/regional contact persons or, for a few participating countries/regions, can be found in the national/regional information in Annex 1. Following submission of the pre-proposals, the national/regional funding bodies will select which pre-proposals go forward to stage 2 of the evaluation. The successful consortia will then be invited to elaborate their pre-proposals and produce a full proposal.

Second, full proposals will be evaluated and ranked by independent international experts. A common decision on funding will then be made by the relevant funding bodies. The decision will be communicated to the applicants by the ACT Secretariat at the Research Council of Norway. The international decision is not subject to appeal.

## 7.1. Evaluation Criteria

Proposals will be evaluated according to the following criteria (Table 2), which are applicable in addition to national criteria.

**Table 2. Evaluation aspects for ACT**

<b><i>Excellence</i></b>	5 points
<ul style="list-style-type: none"> <li>▪ In accordance with the objectives of the call text</li> <li>▪ Clarity and relevance of the project's objectives</li> <li>▪ Credibility of the proposed technology/concept – including trans-disciplinary considerations, where relevant</li> <li>▪ Credibility of the proposed project approach</li> <li>▪ Ambition and innovation potential - e.g. beyond the current state of the art.</li> <li>▪ Added value of transnational co-operation within CCS</li> <li>▪ Scientific merit</li> </ul>	
<b><i>Impact (potential impact of the results of the Research and Innovation, R&amp;I, project)</i></b>	5 points
<ul style="list-style-type: none"> <li>• Expected contribution to the facilitation of the emergence of CCS (e.g. through cost and risk reduction, involvement of relevant industrial partners, opening niche markets, surmounting major barriers)</li> <li>• Strength of the proposed research data management, exploitation and dissemination plans (including IPR management, where relevant)</li> <li>• Impact on any other environmental or socially important impacts, such as public acceptance.</li> <li>• Industrial relevance</li> </ul>	
<b><i>Quality and efficiency of the implementation of the R&amp;I project</i></b>	5 points
<ul style="list-style-type: none"> <li>▪ Coherence and expected effectiveness of the project plan, including the appropriateness of task, use of methods, resource allocation and timing</li> <li>▪ Budget allocation</li> <li>▪ Strength of management structures and governance procedures, including risk management</li> <li>▪ Capability of the Lead Applicant (and partners) to deliver the project and to commercialize the technology further - including e.g. suitability of expertise, complementarity, balance of contributions</li> </ul>	

## 7.2. Scoring and Thresholds

Proposals will be evaluated on the basis of the criteria 'excellence', 'impact' and 'quality and efficiency of the implementation'. The criteria will be weighted equally for small projects. For large projects the weighting will be:

- 50% impact
- 30% excellence
- 20% implementation

Evaluation scores will be awarded for each criterion, and not for the different aspects listed in Table 2 above. Each criterion will be scored using the following scale:

- 0) Unacceptable
- 1) Weak
- 2) Average
- 3) Good
- 4) Very good
- 5) Excellent

Half marks will be used. The threshold for individual criteria will be 3. The overall threshold, applying to the sum of the three individual scores, will be 10.

## 8. Consortium Agreement (CA)

Each project recommended for funding is required to have a signed consortium agreement (CA) between all partners prior to the start of the project, which addresses as a minimum the following topics:

- Internal organisation and management of the consortium
- Intellectual Property arrangements
- Settlement of internal disputes

Please note that the CA is for the benefit of the consortium members to regulate the collaboration process and safeguard important issues, such as Intellectual Property Rights (IPR).

Suggestions on how to establish CA are found in Annex 5. However, any type of CA that the consortium agrees to will be accepted.

Please check in advance which model to use and the expected time to have it signed.

## 9. Documentation and Forms

All documents relevant to the call are published on the ACT website: [www.act-ccs.eu/calls/](http://www.act-ccs.eu/calls/).

## 10. Project Monitoring and Reporting

Project monitoring and reporting will be in accordance with the respective funding body's rules. In addition to the respective funding body's requirements, the consortia (by the Lead Applicant) are requested to deliver basic progress reports (in English) to the ACT Secretariat, on a quarterly basis. For large projects, there will be a mid-term review. The ACT Secretariat can also invite small projects to a mid-term review. A reporting template will be provided.

Furthermore, one project observer from one of the participating funding organisations will be assigned to each of the funded projects to monitor the progress in transnational cooperation on

behalf of the participating funding organisations and to provide a communication link between the project and the Call Secretariat.

The consortia should also take into consideration in planning and budgeting that project reporting (oral or poster) is also expected at the annual ACT knowledge sharing workshops.

All partners participating in the funded projects must ensure that all outcomes (publications, etc.) of the funded projects include a proper acknowledgement of the ACT initiative and the respective funding bodies.

## 11. Contacts and Further Information

### 11.1. General information on the joint call

Updated information on this joint call and all relevant documents/templates are published on [www.act-ccs.eu](http://www.act-ccs.eu).

If you have questions on the general call process and proposal submission, please contact the ACT Secretariat at:

<b>The Research Council of Norway</b>	<b>For scientific issues:</b>	<b>For application and submission issues:</b>
Drammensveien 288	<b>Aage Stangeland</b>	<b>Siri Kinge Ovstein</b>
Postbox 564	Phone: +47 22 03 73 70	Phone: +47 22 03 75 28
N-1327 Lysaker	Mobile: +47 95 82 29 03	Mobile: +47 924 14 649
Phone: +47 22 03 70 00	E-mail: <a href="mailto:ast@rcn.no">ast@rcn.no</a>	E-mail: <a href="mailto:sov@rcn.no">sov@rcn.no</a>

#### **ACT–Coordinator:**

Ragnhild Rønneberg, The Research Council of Norway (RCN), Phone: + 47 91 55 86 62, e-mail: [rr@rcn.no](mailto:rr@rcn.no)

## 11.2. Contact Persons of Participating Funding Bodies

For questions regarding specific funding bodies' rules and additional forms please check *Annex 1: Specific funding bodies' rules* first.

Additional information can be obtained by contacting the indicated national/regional contact persons at the participating funding bodies.

**Table 3. National/regional contact persons**

Contact persons	Organisation	Name	e-mail	Phone
Canada - Alberta	ERA	Mark Summers	<a href="mailto:msummers@eralberta.ca">msummers@eralberta.ca</a>	+1-780-498-2544
Denmark	ENS/EUDP	Annika Fischer Lærke S. Hansen	<a href="mailto:afi@ens.dk">afi@ens.dk</a> <a href="mailto:Lksh@ens.dk">Lksh@ens.dk</a>	+45 25 72 82 93 +45 33 92 68 75
France	ADEME	Aïcha El khamlichi Pascal Bain Romain Brisse	<a href="mailto:Aicha.elkhamlichi@ademe.fr">Aicha.elkhamlichi@ademe.fr</a> <a href="mailto:Pascal.Bain@agencerecherche.fr">Pascal.Bain@agencerecherche.fr</a> <a href="mailto:Romain.Brisse@agencerecherche.fr">Romain.Brisse@agencerecherche.fr</a>	+33 2 41 20 82 25
Germany	PTJ	Hannes Stadler Heiko Gerhauser Annette Weiß	<a href="mailto:h.stadler@fz-juelich.de">h.stadler@fz-juelich.de</a> <a href="mailto:h.gerhauser@fz-juelich.de">h.gerhauser@fz-juelich.de</a> <a href="mailto:a.weiss@fz-juelich.de">a.weiss@fz-juelich.de</a>	+49 2461 61 85352 +49 2461 61 96830 +49 2461 61 9025
Greece	GSRT	Anna Rosenberg	<a href="mailto:a.rosenberg@gsrt.gr">a.rosenberg@gsrt.gr</a>	+30 2131300095
India	DST	Neelima Alam Sanjai Kumar Sanjay Bajpai	<a href="mailto:neelima.alam@nic.in">neelima.alam@nic.in</a> <a href="mailto:sanjai.k@gov.in">sanjai.k@gov.in</a> <a href="mailto:sbajpai@nic.in">sbajpai@nic.in</a>	+91-11-26590467 +91-11-26590270 +91-11-26565337/ 26590283
Italy	MIUR	Maria Bianco Aldo Covello	<a href="mailto:maria.bianco@miur.it">maria.bianco@miur.it</a> <a href="mailto:aldo.covello@miur.it">aldo.covello@miur.it</a>	+39 06 9772 7146 +39 06 9772 6465
The Netherlands	RVO	Gerdi Breembroek Peter Balemans	<a href="mailto:gerdi.breembroek@rvo.nl">gerdi.breembroek@rvo.nl</a> <a href="mailto:Peter.balemans@rvo.nl">Peter.balemans@rvo.nl</a>	+31 6 5256 4480 +31 6 1589 7704
Nordic Energy Research	NER	Nicki Carnbrand Håkansson Jun Elin Wiik	<a href="mailto:Nicki.Hakansson@nordicenergy.org">Nicki.Hakansson@nordicenergy.org</a> <a href="mailto:jun.wiik@nordicenergy.org">jun.wiik@nordicenergy.org</a>	+46 73 406 24 21 +47 934 19 411
Norway	RCN	Aage Stangeland Siri Kinge Ovstein	<a href="mailto:ast@forskningsradet.no">ast@forskningsradet.no</a> <a href="mailto:sov@forskningsradet.no">sov@forskningsradet.no</a>	+47 95 82 29 03 +47 92 41 46 49
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Switzerland	DETEC	Gunter Siddiqi	<a href="mailto:gunter.siddiqi@bfe.admin.ch">gunter.siddiqi@bfe.admin.ch</a>	+41 58 462 5324
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United States	DOE – Office of Fossil Energy	Mark Ackiewicz Darin Damiani Lynn Brickett Amishi Kumar	<a href="mailto:mark.ackiewicz@hq.doe.gov">mark.ackiewicz@hq.doe.gov</a> <a href="mailto:darin.damiani@hq.doe.gov">darin.damiani@hq.doe.gov</a> <a href="mailto:lynn.brickett@hq.doe.gov">lynn.brickett@hq.doe.gov</a> <a href="mailto:amishi.kumar@hq.doe.gov">amishi.kumar@hq.doe.gov</a>	+1 301 903 3913 +1 202 287 5282 +1 412 260 7345 +1 301 903 7637

## Annex 1: Specific Funding Agencies' Rules

The funding agencies are listed in alphabetic order.

### Canada/Alberta Region

Country/Region	Canada /Alberta Region
Funding organisation	Emissions Reduction Alberta (ERA)
National contact person	Mark Summers Executive Director, Technology and Innovation <a href="mailto:msummers@eralberta.ca">msummers@eralberta.ca</a> +1-780-498-2544
Funding commitment	\$5 million CAD, ~€3.3 million at current exchange rate
Anticipated number of projects with Canadian partners	Approximately 2-5 anticipated. No minimum or maximum specified.
Maximum funding per awarded project	\$5 million CAD (approximately €3 million)
Eligibility of a partner as a beneficiary institution	ERA funding is open to all categories of applicant, including technology developers, industry, industrial associations, small and medium-sized enterprises (SMEs), research and development (R&D) organizations, universities, municipalities, not-for-profit organizations, government research labs, and individuals.
Eligibility of costs	<p>The maximum funding contribution from ERA for any one project is <b>\$5 million CAD</b>.</p> <p>ERA will match applicant contributions toward eligible expenses on a one-to-one (1:1) basis. The maximum ERA contribution to a single project will be no more than <b>50%</b> of the project's eligible expenses.</p> <p>ERA will not match other government funds provided directly for the proposed project (federal, provincial, or international), or future revenue associated with the outcomes of the project such as offset credits or emissions performance credits associated with the project, tax incentives associated with the project (e.g. Canadian SR&amp;ED credits), revenue from sales of the project's end-products (e.g. from offtake agreement), or non-eligible contributions.</p> <p>For information about eligible expenses and costs, please refer to the ERA <i>Eligible Expenses and Cost Instructions</i> document available at <a href="https://eralberta.ca/wp-content/uploads/2019/10/ERA-Eligible-Expenses-and-Cost-Instructions-Jun-2018.pdf">https://eralberta.ca/wp-content/uploads/2019/10/ERA-Eligible-Expenses-and-Cost-Instructions-Jun-2018.pdf</a>.</p>
Submission of the proposal at the national level	In addition to the ACT proposal, ERA may require applicants to provide supplemental information to support due diligence and portfolio reporting. This information may include detailed budget information, an extended Greenhouse Gas benefits analysis, and/or additional information on the specific alignment with the Alberta market.



<b>Submission of financial and progress reports at the national level</b>	All ERA funding recipients will be required to provide technical and financial progress reports at key milestones over the course of the project. The schedule of milestones will be determined in collaboration between ERA and funding recipients.
<b>Information available at</b>	<a href="https://eralberta.ca">https://eralberta.ca</a>
<b>Other</b>	<p>ERA funding is targeted for projects at the technology scale-up, field pilot, commercial demonstration, or commercial implementation stages (TRL 5-9).</p> <p>Alberta is home to the Alberta Carbon Conversion Technology Centre (ACCTC), a real-world test bed for carbon capture and conversion technologies. Applicants are strongly encouraged to consider piloting or testing their technology at the ACCTC. See <a href="https://innotechalberta.ca/research-facilities/alberta-carbon-conversion-technology-centre-acctc/">https://innotechalberta.ca/research-facilities/alberta-carbon-conversion-technology-centre-acctc/</a> for more information.</p>

## Denmark

<b>Country/Region</b>	Denmark
<b>Funding organisation</b>	Energy Technology Development and Demonstration Program (EUDP)
<b>National contact person</b>	Lærke Skov Hansen, <a href="mailto:lksh@ens.dk">lksh@ens.dk</a> , +45 33 92 68 75 Annika Fischer, <a href="mailto:afi@ens.dk">afi@ens.dk</a> , +45 25 72 82 93
<b>Funding commitment</b>	3 mill. EUR
<b>Anticipated number of projects with Danish partners</b>	N/A
<b>Maximum funding per awarded project</b>	3 mill. EUR
<b>Eligibility of a partner as a beneficiary institution</b>	Public or private business enterprises or knowledge institutions are eligible for aid. However, company participation is recommended to ensure acceleration of the process bringing the technology to the market
<b>Eligibility of costs</b>	Danish applicants must comply with the EUDP rules which can be found on the link below (section 3):  ENG: <a href="https://ens.dk/sites/ens.dk/files/Forskning_og_udvikling/eudp_rules_march_23_2015.pdf">https://ens.dk/sites/ens.dk/files/Forskning_og_udvikling/eudp_rules_march_23_2015.pdf</a>  DK: <a href="https://ens.dk/sites/ens.dk/files/Forskning_og_udvikling/regelsaet_eudp_marts_2015.pdf">https://ens.dk/sites/ens.dk/files/Forskning_og_udvikling/regelsaet_eudp_marts_2015.pdf</a>
<b>Submission of the proposal at the national level</b>	All Danish applicants who pass the pre-proposal stage have to submit a national application immediately after they have submitted their full proposal via the electronic application system of the Research Council of Norway.  The national application forms including further information must be submitted through the application portal of EUDP.  The national application has to follow the Danish application form.
<b>Submission of financial and progress reports at the national level</b>	National scientific and financial reporting has to happen according to national guidelines:  ENG: <a href="https://ens.dk/sites/ens.dk/files/Forskning_og_udvikling/eudp_rules_march_23_2015.pdf">https://ens.dk/sites/ens.dk/files/Forskning_og_udvikling/eudp_rules_march_23_2015.pdf</a>  DK: <a href="https://ens.dk/sites/ens.dk/files/Forskning_og_udvikling/regelsaet_eudp_marts_2015.pdf">https://ens.dk/sites/ens.dk/files/Forskning_og_udvikling/regelsaet_eudp_marts_2015.pdf</a>

<b>Information available at</b>	<p>ENG: <a href="https://ens.dk/en/our-responsibilities/research-development/eudp">https://ens.dk/en/our-responsibilities/research-development/eudp</a></p> <p>DK: <a href="https://ens.dk/ansvarsomraader/forskning-udvikling/eudp">https://ens.dk/ansvarsomraader/forskning-udvikling/eudp</a></p>
<b>Other</b>	<p>EUDP supports projects within TRL 4-8.</p> <p>EUDP cannot support projects that only contains research activities (TRL0-4). However, projects that combines research activities with development and demonstration activities are eligible for funding. Applications with research content are sent to Innovation Fund Denmark for an external research assessment. If the Innovation Fund Denmark concludes that the research content isn't eligible for support, EUDP cannot support the project and the application will be rejected.</p> <p>EUDP can only support activities that are related to the development and demonstration of energy technologies (CCUS included).</p> <p>Ineligible Project Activities:</p> <p>It is not possible to receive funding for activities, which aim to:</p> <ul style="list-style-type: none"> <li>• Develop business models, market analyses, sales promotion and other commercial market activities, including distributing existing technology or involving commercial operation of facilities, etc.</li> <li>• Expand infrastructure.</li> <li>• Carry out pre-production planning or streamlining production or control processes, etc</li> </ul>

## France

Please note that there are two French funding agencies taking part in the call, ADEME and ANR, and their requirements are listed in the two following tables, respectively.

<b>Country/Region</b>	France (FR)
<b>Funding organisation</b>	The French Agency for the Environment and Energy Management (ADEME)
<b>National contact person</b>	Ms El khamlichi Aïcha (CCUS R&D program Manager) Tel: +33.2.41.20.82.25 Email: <a href="mailto:aicha.elkhamlichi@ademe.fr">aicha.elkhamlichi@ademe.fr</a>
<b>Funding commitment</b>	1 million €, subject to approval
<b>Anticipated number of projects with French partners</b>	Up to 2.
<b>Maximum funding per awarded project</b>	French partners of successful projects after eligibility and transnational selection processes will be funded by ADEME within the limits of available funding
<b>Eligibility of a partner as a beneficiary institution</b>	There is no constraint regarding the number of companies to be involved from France, but company participation is recommended to ensure dissemination and knowledge transfer.
<b>Eligibility of costs</b>	French applicants should comply with the agency financial guidelines for research and innovation available at: - FR summary : <a href="http://www.ademe.fr/recherche-innovation/financer-theses-recherche-linnovation/systeme-daide-rdi">http://www.ademe.fr/recherche-innovation/financer-theses-recherche-linnovation/systeme-daide-rdi</a> - Full document (FR): <a href="https://www.ademe.fr/sites/default/files/assets/documents/deliberation_du_c_a_n_18_5_8_du_6_decembre_2018.pdf">https://www.ademe.fr/sites/default/files/assets/documents/deliberation_du_c_a_n_18_5_8_du_6_decembre_2018.pdf</a> Note that typically, funding rates of French participants can be up to 70% for universities or research organizations with eligible personnel costs following an additional cost model. For companies, funding rates shall not exceed 50% except for SMEs which can be up to 70%
<b>Submission of the proposal at the national level</b>	All French applicants who pass the pre-proposal stage have to submit a national application immediately after they have submitted their full proposal via the electronic application system of the Research Council of Norway. The national application forms including further information will be directly sent by ADEME.
<b>Submission of financial and progress reports at the national level</b>	Scientific and financial reporting according to national criteria should be addressed to ADEME. At this early stage, French potential beneficiaries should be aware that ADEME procedures require French version for intermediary and final reports.
<b>Information available at</b>	
<b>Other</b>	We highly recommend contacting the ADEME national contact during the preparation of your project in order to check if their proposal is relevant with the national priorities.

<b>Country/Region</b>	France (FR)
<b>Funding organisation</b>	Agence Nationale de la Recherche (ANR)
<b>National contact person</b>	<p>Pascal Bain Deputy-head of the Physical Sciences, Chemistry, Engineering and Energy Department (SPICE) <a href="mailto:Pascal.Bain@agencerecherche.fr">Pascal.Bain@agencerecherche.fr</a></p> <p>Romain Brisse Project Officer <a href="mailto:Romain.Brisse@agencerecherche.fr">Romain.Brisse@agencerecherche.fr</a></p>
<b>Funding commitment</b>	1 M€
<b>Anticipated number of projects with French partners</b>	3 to 5
<b>Maximum funding per awarded project</b>	No maximum funding indicated but a reasonable funding demand for each proposal is expected considering the objectives of funding between 3 and 5 projects with French partners and the available ANR budget of 1 M€ for this call.
<b>Eligibility of a partner as a beneficiary institution</b>	<p>Eligible Partners are research organisations established in France (universities, CNRS, research foundations, etc.), NGO and private companies, established in France.</p> <p>Please check <a href="http://www.agence-nationale-recherche.fr/RF">http://www.agence-nationale-recherche.fr/RF</a> for more details</p>
<b>Eligibility of costs</b>	<p>Eligible costs and rates of funding vary based on the type of Partners involved.</p> <ul style="list-style-type: none"> <li>- For public research organisations and foundations, ANR grants cover only additional costs of the research projects, except for EPIC research organisations (CEA, BRGM, CSTB ...) in consortium with at least one company, for which ANR covers 50% of the full cost;</li> <li>- For SME, ANR grants cover 45% of the full cost for basic and industrial research projects, 35% for experimental development.</li> <li>- For large and medium companies, ANR grants cover 30% of the full cost for basic and industrial research projects, 25% for experimental development.</li> </ul> <p>French partners applying for an ANR funding should comply with the ANR financial guidelines for research and innovation. Please check <a href="http://www.agence-nationale-recherche.fr/RF">http://www.agence-nationale-recherche.fr/RF</a> for more details</p>
<b>Submission of the proposal at the national level</b>	No.
<b>Submission of financial and progress reports at the national level</b>	Scientific and financial reporting according to national criteria must be addressed to ANR according to its standard rules.
<b>Information available at</b>	<a href="https://anr.fr/">https://anr.fr/</a>

<b>Other</b>	<b>ANR only supports early stages of R&amp;D activities, namely basic research and industrial research, up to a maximum of TRL level of 5.</b> Experimental development and innovation activities, though not totally excluded, should be minor activities compared to basic and industrial research activities funded by ANR. French partners applying for an ANR funding have to comply with this requirement, even if the project covers a wider range of TRL levels.
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## Germany

<b>Country/Region</b>	Germany
<b>Funding organisation</b>	PtJ, Projektträger Jülich
<b>National contact person</b>	Dr. Heiko Gerhauser E-mail: <a href="mailto:h.gerhauser@fz-juelich.de">h.gerhauser@fz-juelich.de</a> Tel.: +49 (0)2461 61 96830 Website: <a href="http://www.ptj.de">www.ptj.de</a>
<b>Funding commitment</b>	National funding indication: Up to €3 million in national funding depending on final budget allocation (€1 million confirmed)
<b>Anticipated number of projects with German partners</b>	2-5
<b>Maximum funding per awarded project</b>	No hard limit
<b>Eligibility of a partner as a beneficiary institution</b>	The organisations which are eligible for funding as well as the eligibility criteria for cooperation are listed in the national guidelines. Additionally, note that new CO <sub>2</sub> geological storage projects within Germany are not eligible in this call. Research and development on geological storage must be at existing sites in Germany or take place outside of Germany.
<b>Eligibility of costs</b>	For detailed information visit: <a href="https://www.ptj.de">https://www.ptj.de</a>
<b>Submission of the proposal at the national level</b>	German partners must submit their national partner application in German via easy-Online ( <a href="https://foerderportal.bund.de/easyonline/">https://foerderportal.bund.de/easyonline/</a> ) into the national electronic submission system. This applies to both the first stage (= "Skizze") and the full proposal. The deadline for the "Skizze" is the same as the international deadline. The deadline for the national full proposal will be communicated to successful applicants in a letter. The German application at both stages consists of a form and a submitted text document. The latter (Vorhabenbeschreibung for the full proposal) does not have to contain a translation of the international proposal. Skizzentext and Vorhabenbeschreibung should contain additional information relevant for the German application and only a very brief summary of the international application for context as appropriate.
<b>Submission of financial and progress reports at the national level</b>	Yes, scientific and financial reporting according to national criteria.
<b>Information available at</b>	<a href="https://www.ptj.de/projektfoerderung/angewandte-energieforschung/technologien-co2-kreislaufwirtschaft">https://www.ptj.de/projektfoerderung/angewandte-energieforschung/technologien-co2-kreislaufwirtschaft</a> <a href="https://www.bmwi.de/Redaktion/DE/Downloads/B/bekanntmachung-forschungsfoerderung-im-7-energieforschungsprogramm.pdf?__blob=publicationFile&amp;v=3">https://www.bmwi.de/Redaktion/DE/Downloads/B/bekanntmachung-forschungsfoerderung-im-7-energieforschungsprogramm.pdf?__blob=publicationFile&amp;v=3</a> The most relevant section for this call is "3.15 Technologien für die CO <sub>2</sub> -Kreislaufwirtschaft". The requirements of the national call text need to be met in addition to those of the international ACT call text. Failure to do so will result in ineligibility.

<b>Other</b>	We highly recommend contacting the national contact person during the preparation of the project. Not contacting the national contact person may have a material impact on your chance of being selected for funding.
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## Greece

<b>Funding organisation</b>	General Secretariat for Research & Technology (GSRT)
<b>National contact person</b>	Anna Rosenberg Project Officer Ministry for Development and Investments General Secretariat for Research & Technology International S&T Cooperation Directorate Bilateral and Multilateral Cooperation Section 14-18 Messogeion Ave., 115 10 Athens, Greece Tel.: +30 2131300095, e-mail: <a href="mailto:a.rosenberg@gsrt.gr">a.rosenberg@gsrt.gr</a> Website: <a href="http://www.gsrt.gr">www.gsrt.gr</a>
<b>Funding commitment</b>	€ 1.000.000 “Operational Programme for Research, Entrepreneurship and Innovation 2014-2020, Research and Innovation Smart Specialization Strategy (RIS3)”
<b>Anticipated number of projects with Greek partners</b>	~ 5
<b>Maximum funding per awarded project</b>	<p><b>Upper funding limits for the eligible costs</b> Upper limit of the total public funding will be 200.000 € per project (including indirect costs). Please note that this amount can be increased to 250.000 € per project if Greek partner assumes the project coordination. The maximum state aid intensity will be calculated according to the provisions of the European state aid rules and regulations</p> <p><b>The aid intensity:</b> <b>A. Public Research Institutes and Universities</b> The aid intensity can reach 100% for performing non economical activities in accordance to the point 19 of the article 2.1.1 of the «Framework for State aid for research and development and innovation» (2014/C 198/01)).</p> <p><b>B. Private Sector</b> (a) 50 % of the eligible costs for industrial research; (b) 25 % of the eligible costs for experimental development;</p> <p>The aid intensities for industrial research and experimental development may be increased up to a maximum aid intensity of 80 % of the eligible costs as follows: (a) by 10 percentage points for medium-sized enterprises and by 20 percentage points for small enterprises; (b) by 15 percentage points if one of the following conditions is fulfilled: (i) the project involves effective collaboration: — between undertakings among which at least one is an SME, or is carried out in at least two Member States, or in a Member State and in a Contracting Party of the EEA Agreement, and no single undertaking bears more than 70 % of the eligible costs, or — between an undertaking and one or more research and knowledge-dissemination organisations, where the latter bear at least 10 % of the eligible costs and have the right to publish their own research</p>

	<p>results;</p> <p>(ii) the results of the project are widely disseminated through conferences, publication, open access repositories, or free or open source software</p> <p>The aid intensity for feasibility studies may be increased by 10 percentage points for medium-sized enterprises and by 20 percentage points for small enterprises</p>
<p><b>Eligibility of a partner as a beneficiary institution</b></p>	<p>GSRT potentially supports all private and public legal entities namely: private enterprises (such as SMEs, large companies etc), research organizations, higher education institutions, and other public organizations with R&amp;D activities). Individuals as well as individual enterprises are not eligible under this scheme.</p> <p>Applicants may submit in the current call, if they are enterprises, up to two (2) proposals from the same enterprise, and for Public research Institutes and Universities up to (2) proposals at the level of the same Laboratory or School or Institute or Department.</p>
<p><b>Eligibility of cost</b></p>	<p>a) personnel costs: researchers, technicians and other supporting staff to the extent employed on the project.</p> <p>(b) costs on fixed assets i.e. b1) costs of instruments and equipment to the extent and for the period used for the project. Where such instruments and equipment are not used for their full life for the project, only the depreciation costs corresponding to the life of the project, as calculated on the basis of generally accepted accounting principles are considered as eligible and b2) costs for buildings and land, to the extent and for the duration period used for the project. With regard to buildings, only the depreciation costs corresponding to the life of the project, as calculated on the basis of generally accepted accounting principles are considered as eligible. For land, costs of commercial transfer or actually incurred capital costs are eligible.</p> <p>(c) costs of contractual research, knowledge and patents bought or licensed from outside sources at arm's length conditions, as well as costs of consultancy and equivalent services used exclusively for the project.</p> <p>(d) additional general costs and other operating expenses, including costs of materials, supplies, travel expenses, organization of meetings, dissemination/publicity costs, audit costs, incurred directly as a result of the project implementation.</p> <p>(e) indirect costs = flat rate 15% of gross personnel costs including VAT = 15%*. Indirect costs are eligible for all legal entities and include costs that do not incur directly as a result of the project implementation (e. g. administrative and management costs, utility costs).</p> <p><b>* Note:</b></p> <ul style="list-style-type: none"> <li>• Please bear in mind that scientific management costs are eligible under category (a) whereas administrative and financial/legal management costs fall under eligible categories (e) or (d)-audit costs only.</li> <li>• Subcontracting is allowed. This will be clarified in the guidelines of the national call.</li> </ul>

<b>Submission of the proposal at the national level</b>	<p><b>National requirements:</b>  <b>Submission at the national level is required at a later stage.</b> A national call will be published to support the approved, at the transnational level, proposals only. Detailed information on the procedure and the funding rules will be provided at the GSRT website in the guidelines of the national call, during the submission period.  For more information please contact the National Contact Person.</p>
<b>Submission of financial and progress report at the national level</b>	Yes, progress and financial reporting.
<b>Information available at</b>	<a href="http://www.gsrt.gr/central.aspx?sId=108I334I1106I646I444510&amp;olID=671&amp;neID=673&amp;neTa=12_30670_1&amp;ncID=0&amp;neHC=0&amp;tbid=0&amp;lrID=2&amp;oldUIID=aI671I0I108I334I1106I0I2&amp;actionID=load">http://www.gsrt.gr/central.aspx?sId=108I334I1106I646I444510&amp;olID=671&amp;neID=673&amp;neTa=12_30670_1&amp;ncID=0&amp;neHC=0&amp;tbid=0&amp;lrID=2&amp;oldUIID=aI671I0I108I334I1106I0I2&amp;actionID=load</a>
<b>Other</b>	<p>Applicants are advised that this annex is for general guidance only. For more detailed rules and or more information please contact the National Contact Person.</p> <p><b>Duration of the projects</b>  The duration of a funded project is 24months.</p> <p><b>Evaluation</b>  At national level, only eligibility check is conducted and not a full evaluation in stages 1 and 2. We rely on the evaluation of external experts</p> <p><b>Topic Priorities</b></p> <p>All topics and subtopics in Compatibility with our RIS3 TRL 3-(7) (according to COMMISSION REGULATION (EU) No 651/2014/Definitions for Aid for Research, Development and Innovation, pages 24-26/par. 83-96)  GSRT potentially supports the following types of RTD, namely: Industrial research, experimental development, feasibility studies (COMMISSION REGULATION (EU) No 651/2014 article 25)</p>

## India

<b>Country/Region</b>	India
<b>Funding organisation</b>	Department of Science and Technology (DST), Ministry of Science and Technology, Government of India <a href="http://dst.gov.in/technology-mission-clean-energy-and-water">http://dst.gov.in/technology-mission-clean-energy-and-water</a>
<b>National contact person</b>	Primary Contact 1: Dr Neelima Alam, Email: neelima.alam@nic.in, Phone No.: +91-11- 26590467  Primary Contact 2: Dr Sanjai Kumar Email: sanjai.k@gov.in, Phone No.: +91-11-26590270  Secondary Contact : Dr. Sanjay Bajpai, Email: sbajpai@nic.in , Phone No. : +91-11-26565337/ 26590283
<b>Funding commitment</b>	1 Million Euro (Equivalent Indian Rupees: Approx. Rs 8 Crore)
<b>Anticipated number of projects with Indian partners</b>	4 Numbers (The numbers can be modified for the suitable project within the funding limit) Funding will be divided in approximate two equal parts to support Carbon Capture and Utilization (CCU) and Carbon Capture and Storage (CCS) project proposals.
<b>Maximum funding per awarded project</b>	Maximum funding for Indian partners for awarded project will be restricted to 0.25 Million Euro.
<b>Eligibility of a partner as a beneficiary institution</b>	<ul style="list-style-type: none"> <li>• The proposals are to be led by faculties / scientists working in regular position in recognized Academic Organizations / Public funded R&amp;D Institutions / Laboratories, Central and State Government autonomous organizations in partnership with other academic / R&amp;D organisation, DSIR recognized SIRO organisations, Central and state autonomous organisations, industry association, industries etc.</li> <li>• The proposals submitted with well defined and synergistic institute - user - industry partnership are encouraged.</li> <li>• All Indian partners in a single project must be separate legal entities. However, there can be more than one investigator from the same entity.</li> <li>• Participating Indian companies must: <ol style="list-style-type: none"> <li>1. Be incorporated in India under the Companies Act 1956/2013.</li> <li>2. Have at least 51% stake of the Company be owned by Indian citizens.</li> <li>3. Have been in operation for at least 3 financial years before the closing date for application.</li> <li>4. Be registered under relevant provisions of Good &amp; Services Taxation (GST) Act.</li> <li>5. Have required expertise and capacity to technically contribute to the proposed project.</li> <li>6. The maximum funding for Industry will not be more than their MSME definition based on Investment in plant and machinery for manufacturing Sector and Investment in equipment for Service Sector (MSMED Act 2006 or their consecutive amendments).</li> </ol> </li> </ul>

<p><b>Eligibility of a partner as a beneficiary institution (cont)</b></p>	<p><b>Companies need to provide the following with the First Stage application:</b></p> <ul style="list-style-type: none"> <li>✓ Evidence they have the resources and finances to undertake the project.</li> <li>✓ An audited copy of their submitted annual accounts for the last three financial years.</li> </ul> <p><b>Please note:</b></p> <ul style="list-style-type: none"> <li>• Sole proprietors and partnership firms are not eligible for support under this programme.</li> <li>• Companies headquartered and owned outside India and their subsidiaries in India, or vice versa, are not eligible to receive funding directly or indirectly.</li> </ul>
<p><b>Eligibility of cost</b></p>	<p>Indian applicant must comply the <b>Department of Science &amp; Technology (DST), India Rules and Regulations</b>, which will appear at DST website on 1<sup>st</sup> August 2020.</p> <p>Unless agreed otherwise:</p> <ul style="list-style-type: none"> <li>• Subcontracting is to be capped at a maximum of 20% of the India budget.</li> <li>• All India grant costs, including sub-contracts, should be incurred within the India.</li> <li>• Project management costs cannot be sub-contracted.</li> </ul>
<p><b>Submission of the proposal at the national level</b></p>	<p>The applicant is required to submit a full copy of the proposal to Department of Science and Technology at <a href="http://onlinedst.gov.in">onlinedst.gov.in</a>. This proposal has to be identical to what has been submitted to ACT and needs to be submitted immediately after submission to ACT secretariat. The dates for such submission and requirement for additional documentation will appear on DST website on 1<sup>st</sup> August 2020.</p>
<p><b>Submission of financial and progress reports at the national level</b></p>	<p>Technical and financial reporting by Indian participants will be required according to rule and regulations and formats of DST at periodical intervals as to be specified on DST website.</p>
<p><b>Information available at</b></p>	<p><a href="http://dst.gov.in/technology-mission-clean-energy-and-water">http://dst.gov.in/technology-mission-clean-energy-and-water</a> (w.e.f 1<sup>st</sup> August 2020)</p>
<p><b>Other</b></p>	<p>All the funded projects would be bound by guidelines stipulated by Department of Science and Technology from time to time. The detailed guidelines for this call will appear on DST website on August 1, 2020, which will supercede anything stated here. The applicants may approach the national contact for specific query at any stage of the project.</p>

## Italy

<b>Country/Region</b>	Italy
<b>Funding organisation</b>	Ministry for Universities and Research (MIUR)
<b>National contact person</b>	Maria Bianco, <a href="mailto:maria.bianco@miur.it">maria.bianco@miur.it</a> , +39 06 9772 7146 Aldo Covello, <a href="mailto:aldo.covello@miur.it">aldo.covello@miur.it</a> , +39 06 9772 6465
<b>Funding commitment</b>	0.6 mill. EUR
<b>Anticipated number of projects with Italian partners</b>	2
<b>Maximum funding per awarded project</b>	0.3 mill. EUR
<b>Eligibility of a partner as a beneficiary institution</b>	<p>The following entities are eligible, providing that they have stable organization in Italy: enterprises, universities, research institutions, research organizations in accordance with EU Reg. n. 651/2014 of the European Commission - June 17, 2014. Eligible participants must have a stable organization in Italy.</p> <p>Furthermore, all Italian participants must comply with the following requirements:</p> <ul style="list-style-type: none"> <li>-The participant must not be defaulting with regard to other funding received by the Ministry.</li> <li>-The participant must not have requested/got any other funding for the same research activities.</li> <li>-The participant must respect the Italian law "<i>D.Lgs. n 159 del 6/09/2011 e successive modificazioni ed integrazioni</i>".</li> <li>-The participant must not be subject to bankruptcy proceedings as of art. 5, comma 4, letter b) of DM 593/2016 or must not be a company in difficulty according to the definition under number 18) of article 2 "Definitions" of Regulation (EU) no. 651/2014.</li> </ul> <p>The participant must be in compliance with the obligations laid down in the contributory and social security regulations (DURC). The judicial and pending records of the legal representative of the participant are negative.</p> <p>For any participant, with the exception of public universities and public research institutions (<i>Enti pubblici di ricerca</i>), the following financial criteria, calculated using the data reported in the last approved balance sheet, must be fulfilled:</p> $CN > (CP - I)/2$ <p>Where:</p> <ul style="list-style-type: none"> <li>• CN = net assets (Capitale netto)</li> <li>• CP = sum of the costs of all the projects for which public funding has been requested by the participant during the year</li> <li>• I = sum of the contributions received, approved or requested for the same projects</li> </ul> $OF/F < 8\%$ <p>Where:</p> <ul style="list-style-type: none"> <li>• OF = financial charges (<i>Oneri finanziari</i>)</li> <li>• F = turnover (<i>Fatturato</i>).</li> </ul>

<b>Eligibility of cost</b>	All costs incurred during the lifetime of the project under the following categories are eligible: Personnel, Equipment, Consulting and equivalent services, Consumables and Overheads. Overheads ( <i>spese generali</i> ) shall be calculated as a percentage of the personnel costs and cannot be higher than 50% of them. Travel expenses, dissemination and coordination costs are to be included in the overheads.
<b>Submission of the proposal at the national level</b>	All Italian applicants who pass the pre-proposal stage have to submit a national application <b>through the national web platform</b> , available at the following link: <a href="https://banditransnazionali-miur.cineca.it">https://banditransnazionali-miur.cineca.it</a> . The content of such documentation is defined in the cited web platform and in the <i>Procedure operative</i> ( <a href="http://www.ricercainternazionale.miur.it/media/29308/procedure_operative_progetti_internazionali_593_2016.pdf">http://www.ricercainternazionale.miur.it/media/29308/procedure_operative_progetti_internazionali_593_2016.pdf</a> ). <b>These national additional documents must be submitted by the same deadline established for the Full proposal phase submission as defined in the international joint call.</b> <b>Any participant who does not submit its national documents by the deadline of the Full proposal phase, will be considered not eligible for funding.</b>
<b>Submission of financial and progress reports at the national level</b>	Funded participants will be requested to submit financial and scientific reports to MIUR, in accordance to the <i>Linee guida al DM 593/2016</i> ( <a href="http://www.ricercainternazionale.miur.it/media/29862/lineeguida_al_dm593_2016_09_10_2018.pdf">http://www.ricercainternazionale.miur.it/media/29862/lineeguida_al_dm593_2016_09_10_2018.pdf</a> ).
<b>Information available at</b>	<a href="http://www.ricercainternazionale.miur.it">http://www.ricercainternazionale.miur.it</a> <a href="https://banditransnazionali-miur.cineca.it">https://banditransnazionali-miur.cineca.it</a>
<b>Other</b>	All activities classifiable as Industrial research and Experimental development are eligible for funding. Furthermore, Industrial research activities must be predominant with respect to Experimental development activities (in terms of costs). The amount of funding which can be granted to each beneficiary is calculated multiplying the eligible costs for the funding rate listed in the below table (see next page). On request of applicants a pre-payment may be done, equal to: - 80% of the total contribution for public entities; - 50% of the total contribution for private entities. The remaining part of contribute will be paid in instalments after each financial and progress reporting period.  <b>Relevant documents</b> ( <a href="http://www.ricercainternazionale.miur.it/evidenza/normativa-prog-internazionali.aspx">http://www.ricercainternazionale.miur.it/evidenza/normativa-prog-internazionali.aspx</a> ) <ul style="list-style-type: none"> <li>• <i>Decreto legge n. 83/2012;</i></li> <li>• <i>Decreto Ministeriale n. 593 del 26 luglio 2016;</i></li> <li>• <i>Linee guida al DM del 26 luglio 2016 n. 593.</i></li> <li>• <i>Procedure operative per il finanziamento dei progetti internazionali</i></li> </ul>

Activity typology		Funding Rates			
		Enterprises and private research bodies which does not meet the requirements of research organization under EU Reg. no. 651/2014 of the Commission - June 17, 2014			Universities, public research institutions, research organizations (public and private) in accordance with Reg. EU n. 651/2014 of the Commission - June 17, 2014)
		Small Enterprises	Medium Enterprises	Big Enterprises	
Basic Research	grant	40%	30%	20%	70%
Industrial Research	grant	40%	30%	20%	50%
Experimental Research	grant	30%	20%	10%	25%



## The Netherlands

<b>Country/Region</b>	The Netherlands
<b>Funding organisation</b>	Ministerie van Economische Zaken en Klimaat Acting through: Rijksdienst voor Ondernemend Nederland (RVO) (Netherlands Enterprise Agency)
<b>National contact person</b>	Peter Balemans, RVO Tel: +31 6 1589 7704 E-mail: <a href="mailto:Peter.Balemans@rvo.nl">Peter.Balemans@rvo.nl</a>  Gerdi Breembroek, RVO Tel: +31 6 5256 4480 E-mail: <a href="mailto:Gerdi.breembroek@rvo.nl">Gerdi.breembroek@rvo.nl</a> Website: through <a href="http://www.rvo.nl/ccs">www.rvo.nl/ccs</a>
<b>Funding commitment</b>	€ 4.000.000 national funding
<b>Anticipated number of projects with Dutch partners</b>	No limitations
<b>Maximum funding per awarded project</b>	<p><b>Maximum funding per project is limited to M€ 1,5. No other limits.</b> The relevant legal publication is § 4.2.18 ERA-NET energieprojecten (<a href="http://wetten.overheid.nl/BWBR0035474">http://wetten.overheid.nl/BWBR0035474</a>; use the left column to scroll to the right section; in Dutch).</p> <p>Maximum percentages of support for R&amp;D using the definitions laid down in the <a href="#">General Block Exemption Regulation</a> (GBER):</p> <ul style="list-style-type: none"> <li>- Research by Research and knowledge-dissemination organisations: up to a maximum of 80%</li> <li>- Industrial research: up to a maximum of 50%</li> <li>- Experimental development: up to a maximum of 25%</li> </ul> <p>On top of the above percentages for Industrial research and Experimental development, the following applies:</p> <ul style="list-style-type: none"> <li>- An aid intensity increase for small (+20 percentage points) or medium (+10 percentage points) enterprises, (Article 25, under 6, under a, of the GBER).</li> <li>- An aid intensity increase with another 10 percentage points, in case of effective collaboration between an undertaking and one or more research and knowledge-dissemination organisations, under the conditions mentioned in Article 25, under 6, under b i), second bullet, of the GBER.</li> </ul> <p>Demonstration plants that qualify as experimental development can be funded with the relevant percentages, see explanation above. If a demonstration concerns the production of renewable energy or energy efficiency, consult the legal text for the appropriate percentages (article 4.2.122 of the Regeling nationale EZK en LNV-subsidies).</p>

<b>Eligibility of a partner as a beneficiary institution</b>	Definitions according to the guidelines laid down in the <a href="#">General Block Exemption Regulation</a> (GBER) on research, development and innovation. All organisations are eligible except provinces, communities and other public bodies.
<b>Eligibility of cost</b>	Project cost according to the guidelines laid down in the GBER and the “Kaderbesluit Nationale EZ subsidies”; including personnel cost, cost of instruments and equipment, cost for contractual research, knowledge and patents from outside sources, additional operating expenses, directly related to the project. See also <a href="http://www.rvo.nl/subsidiespelregels">www.rvo.nl/subsidiespelregels</a> .
<b>Submission of the proposal at the national level</b>	<p>Subsidies will be granted using the general guidelines laid down in the <a href="#">Kaderbesluit nationale EZ subsidies</a> and the <a href="#">Regeling nationale EZK en LNV subsidies</a>, according to § 4.2.18 ERA-NET energieprojecten. Consult the national contact person in case of queries.</p> <p>National submission parallel to submission to ACT 2<sup>nd</sup> stage; deadline 3 working days after deadline for full proposal. A national application form and budget specification form need to be completed for the national part of the project. Submission procedure through E-loket.</p> <p>In the Netherlands, pre-proposals will be evaluated in collaboration with TKI Nieuw Gas.</p>
<b>Submission of financial and progress reports at the national level</b>	Yes, progress and financial reporting.
<b>Information available at</b>	<a href="http://www.rvo.nl/ccs">http://www.rvo.nl/ccs</a>
<b>Other</b>	<ul style="list-style-type: none"> <li>• Strong industrial participation is highly recommended.</li> <li>• Proposals should aim at technologies applicable in pilots and/or demonstrations within 5 years after project finalization.</li> <li>• Dutch partners in ACT-projects need to share progress and results in Dutch CCS network through CATO. Confidentiality of information will of course be respected. Brief public annual progress reports will be expected.</li> </ul>

## Nordic Energy Research

<b>Country/Region</b>	Nordic countries: Denmark, Finland, Iceland, Norway, Sweden, including the autonomous areas of Åland, Faroe Islands and Greenland
<b>Funding organisation</b>	Nordic Energy Research (NER)
<b>National contact person</b>	Nicki Carnbrand Håkansson, <a href="mailto:Nicki.Hakansson@nordicenergy.org">Nicki.Hakansson@nordicenergy.org</a> ++46 73 406 24 21  Jun Elin Wiik <a href="mailto:jun.wiik@nordicenergy.org">jun.wiik@nordicenergy.org</a> +47 934 19 411
<b>Funding commitment</b>	3,0 MNOK (~€ 0.3M)
<b>Anticipated number of projects with Nordic partners</b>	2
<b>Maximum funding per awarded project</b>	Only limited by available funding commitment from Nordic Energy Research
<b>Eligibility of a partner as a beneficiary institution</b>	<p>Eligible applicants are public and private entities, e.g.:</p> <ul style="list-style-type: none"> <li>• Universities</li> <li>• Research institutes</li> <li>• Private SME's</li> <li>• Private large companies</li> <li>• Proposal must incorporate partners from at least two Nordic countries to be eligible for funding</li> <li>• Partners funded by NER should include one of the following research topics in their research: public acceptability, laws and regulations, CCUS business models, environmental issues.</li> </ul> <p>Please visit the <a href="#">website</a> for detailed information. Please visit the <a href="#">website</a> for more information.</p>
<b>Eligibility of costs</b>	Personnel, travel costs, consultancy, material costs, laboratory costs, equipment costs, patent, indirect costs (only academia). Please visit the Nordic Energy Research <a href="#">website</a> for detailed information such as rules regarding funding intensity.
<b>Submission of the proposal at the national level</b>	Yes.
<b>Submission of financial and progress reports at the national level</b>	Yes. Progress and financial reporting according to NER's rules.
<b>Information available at</b>	<a href="https://www.nordicenergy.org/call/third-call-for-proposals-under-act/">https://www.nordicenergy.org/call/third-call-for-proposals-under-act/</a>

<p><b>Other</b></p>	<p>Each project proposal for ACT 3 must be submitted by a project consortium consisting of at least three eligible applicants involving at least three funding organisations participating in the ACT 3 call. Thus, applicants from two Nordic countries applying for funds from NER will together count as one partner in the total project proposal.</p> <p>Applicants are required to consult the Nordic Energy Research <a href="#">website</a> for further details to ensure that project proposals comply with Nordic priorities.</p> <p>We highly recommend contacting the national contact person during the preparation of the project.</p> <p>Nordic applicants may be offered planning grants by applying for NER’s open call for planning grants within energy research.</p>
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## Norway

<b>Country/Region</b>	Norway
<b>Funding organisation</b>	The Research Council of Norway (RCN)
<b>National contact person</b>	Dr. Aage Stangeland Tel: +47 95 82 29 03 E-mail: <a href="mailto:ast@forskningsradet.no">ast@forskningsradet.no</a> Website: <a href="http://www.rcn.no">www.rcn.no</a>
<b>Funding commitment</b>	Up to NOK 60 M national funding
<b>Anticipated number of projects with Norwegian partners</b>	Between 5 and 10
<b>Maximum funding per awarded project</b>	Only limited by available funding commitment from Norway.  The maximum funding rate must be according to state aid guidelines as described at the RCN web site, see this <a href="#">link</a> .
<b>Eligibility of a partner as a beneficiary institution</b>	<p>All Norwegian sub-projects must meet all requirements and eligibility criteria related to one of the three following project schemes defined by RCN. Please make a clear statement in the ACT application describing which one of the three project schemes that is selected for your Norwegian sub-project.</p> <p><b>1. Collaborative Projects to Meet Societal and Industry-related Challenges</b> Project proposals must incorporate cooperation between an approved Norwegian research organisations and actors from outside the research sector. The applications must meet requirements and eligibility criteria as specified at this <a href="#">link at the RCN web</a>.</p> <p>Partners that are not a research organisation must take active part in the design of research questions and the execution of the project. Partners that are not a research organisation must comprise minimum 10% of the total Norwegian project budget.</p> <p>All project partners are eligible to receive funding from the Research Council of Norway. However, projects where industrial partners cover their own cost will be considered more relevant. Project where industrial partners even cover parts of the budget for research organisations will be considered even more relevant.</p> <p><b>2. Knowledge-building Projects for Industry</b> Project proposals must include research organisations performing the project with financial support from industrial partners. Applications must meet requirements and eligibility criteria as specified at this <a href="#">link at the RCN web</a>.</p> <p>Project proposals must include industrial partners or public general users that are financing at least 20 percent of the total Norwegian</p>

	<p>budget. The contribution from industry must in general be cash, not in-kind.</p> <p>Only the research organisations are eligible for funding from RCN.</p> <p>Due to the Covid-19 situation the following exceptions can be accepted:</p> <ul style="list-style-type: none"> <li>- Cash contribution from industry during 2021 may be waived.</li> <li>- 10 percent cash contribution from industry.</li> </ul> <p>The above exceptions can be accepted if the applicants can document that the project cannot be carried out with full industry financing because of the Covid-19 situation.</p> <p><b>3. Innovation projects for the industrial sector</b></p> <p>The applicant must be a company, preferably in cooperation with research organisations. Applications must meet requirements as specified at this <a href="#">link at the RCN web</a>.</p> <p>The funding rate will be according to the <a href="#">state aid guidelines</a>. As an example, Industrial Research can be funded by 50 percent, with possibilities of higher funding rates if certain criteria are fulfilled, see link above.</p> <p>For further questions regarding the RCN project schemes please contact:  Dr. Aage Stangeland  Tel: +47 95 82 29 03  E-mail: <a href="mailto:ast@forskningsradet.no">ast@forskningsradet.no</a></p>
<b>Eligibility of costs</b>	Se above. Eligible costs are as defined for the three project types listed above.
<b>Submission of the proposal at the national level</b>	No required additional submission at national level in Norway. However, the application submitted at international level must have a clear specification of budget and financing plan for the Norwegian sub-project. Budget and financing plan must be broken down with details for all Norwegian partners.
<b>Submission of financial and progress reports at the national level</b>	Scientific and financial reporting is required, following the standard national procedures at the Research Council of Norway.
<b>Information available at</b>	<a href="http://www.rcn.no">www.rcn.no</a>

<p><b>Other</b></p>	<p><b>Norwegian priorities</b></p> <p>The Norwegian sub-projects of applications submitted to ACT must comply with the <a href="#">CLIMIT Programme Plan</a>.</p> <p>The ACT portfolio of ongoing projects include many projects on CO<sub>2</sub> monitoring lead by Norwegian coordinators. New Norwegian sub-projects related to monitoring of CO<sub>2</sub> must therefore include significant industry involvement and be at higher TRL level than ongoing ACT projects within CO<sub>2</sub> monitoring.</p> <p>Norwegian partners in ACT projects can only apply for funding for activities that are relevant for long term storage of CO<sub>2</sub>. This means that Norwegian partners cannot receive funding for CCU activities where the CO<sub>2</sub> is back in the atmosphere on a short timescale. Activities related to utilisation of CO<sub>2</sub> can be accepted if there is relevance for long term storage of CO<sub>2</sub>.</p> <p>Norwegian partners in ACT projects cannot receive funding for activities within Air Capture.</p> <p>Strong industrial participation is highly recommended. Proposals should aim at technologies applicable in pilots and/or demonstrations within 5 years after project finalization.</p> <p><b>Evaluation procedure in stage 1.</b> Applications will be evaluated as described in the call text. In Norway, pre-proposals will be evaluated in collaboration with in-house expertise at Gassnova. When selecting pre-proposals to be invited to stage 2 the following criteria will apply</p> <ul style="list-style-type: none"> <li>• Eligibility</li> <li>• Relevance according to the CLIMIT Programme Plan</li> <li>• Level of industrial participation</li> <li>• Relevance for the full-scale CCS project in Norway</li> <li>• Relevance for adding new volumes of CO<sub>2</sub> to the Norwegian full-scale CCS project. This is often referred to as “Gevinstrealiseringsprosjektet”</li> </ul> <p>It is expected that the total sum asked for by all Norwegian partners in proposals invited to stage 2 will be approximately twice the available funding from RCN.</p> <p><b>Contact person</b> We highly recommend contacting the national contact person during the preparation of the project.</p>
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## Romania

<b>Country/Region</b>	Romania
<b>Funding organisation</b>	UEFISCDI, Executive Agency for Higher Education, Research, Development and Innovation Funding
<b>National contact person</b>	Nicoleta Dumitrache E-mail: <a href="mailto:nicoleta.dumitrache@uefiscdi.ro">nicoleta.dumitrache@uefiscdi.ro</a> Tel.: +40.21.302.38.86 Website: <a href="http://www.uefiscdi.gov.ro">www.uefiscdi.gov.ro</a>
<b>National funding commitment</b>	€0.5 million in national funding
<b>Maximum funding per awarded project</b>	€0.25 million (if the project is coordinated by a Romanian institution) €0.20 million (if the Romanian institution (s) is (are) partner(s))
<b>Anticipated number of projects with Romanian partners</b>	~2 large, ~3 small
<b>Eligibility of a partner as a beneficiary institution</b>	The organisations which are eligible for funding as well as the eligibility criteria for cooperation are listed in the national guidelines available via <a href="http://uefiscdi.gov.ro/userfiles/file/PNCIDI%20III/P3_cOOPERARE%20INTERNATIONALA/ERA%20NET_ERA%20NET%20COFUND/PI%20ERA-NET%202015_consultare.pdf">http://uefiscdi.gov.ro/userfiles/file/PNCIDI%20III/P3_cOOPERARE%20INTERNATIONALA/ERA%20NET_ERA%20NET%20COFUND/PI%20ERA-NET%202015_consultare.pdf</a>
<b>Eligibility of costs</b>	For detailed information visit: <a href="http://uefiscdi.gov.ro/userfiles/file/PNCIDI%20III/P3_cOOPERARE%20INTERNATIONALA/ERA%20NET_ERA%20NET%20COFUND/PI%20ERA-NET%202015_consultare.pdf">http://uefiscdi.gov.ro/userfiles/file/PNCIDI%20III/P3_cOOPERARE%20INTERNATIONALA/ERA%20NET_ERA%20NET%20COFUND/PI%20ERA-NET%202015_consultare.pdf</a>
<b>Submission of the proposal at the national level</b>	No. But the project proposal from the whole consortia must have a separate appendix with total budget for Romanian partners broken down on cost and financing for all Romanian partners. State aid guidelines must be addressed along standard guidelines for ordinary project proposals to the UEFISCDI.
<b>Submission of financial and progress reports at the national level</b>	Yes, scientific and financial reporting according to national criteria.
<b>Information available at:</b>	<a href="https://uefiscdi.ro/act-accelerating-ccs-technologiestechnologies?&amp;wtok=06dc5ff5b9359f10ecc219cda121341cd603359f&amp;wtkps=XY5bDolwEEX3Mt+CnZZChfZgTFwB0EoaKxjKKxj3bumP0a85uTk3dyrK6eVJEizj3XkoLaHMkaFSpSdB4K2GQBkjEK7LsF7nptqmre022Q0NF5xjUmd5veoE543pxe4+EsTLCfgpBgWB1s/ucj2KgnHFFZMqGkH9JgfMUA nGmWKxJWPr/NfB8M2vGHYWs4MI9Oj15EzaD206mZv1jbbpbM2SVsNom95B+f4A&amp;wchk=1579da788dbcabeea00e680aae9cb1744ac9d21b">https://uefiscdi.ro/act-accelerating-ccs-technologiestechnologies?&amp;wtok=06dc5ff5b9359f10ecc219cda121341cd603359f&amp;wtkps=XY5bDolwEEX3Mt+CnZZChfZgTFwB0EoaKxjKKxj3bumP0a85uTk3dyrK6eVJEizj3XkoLaHMkaFSpSdB4K2GQBkjEK7LsF7nptqmre022Q0NF5xjUmd5veoE543pxe4+EsTLCfgpBgWB1s/ucj2KgnHFFZMqGkH9JgfMUA nGmWKxJWPr/NfB8M2vGHYWs4MI9Oj15EzaD206mZv1jbbpbM2SVsNom95B+f4A&amp;wchk=1579da788dbcabeea00e680aae9cb1744ac9d21b</a>
<b>Other</b>	We highly recommend contacting the NCP during the preparation of the project.



## Switzerland

<b>Country/Region</b>	Switzerland
<b>Funding organisation</b>	Swiss Federal Office of Energy (SFOE)
<b>National contact person</b>	<p>For general issues: Gunter Siddiqi, Tel: +41 58 462 5324  <a href="mailto:gunter.siddiqi@bfe.admin.ch">gunter.siddiqi@bfe.admin.ch</a></p> <p>For administrative issues: Men Wirz, Tel: +41 58 462 5597  <a href="mailto:men.wirz@bfe.admin.ch">men.wirz@bfe.admin.ch</a>  <a href="http://www.bfe.admin.ch/pilotdemonstration">http://www.bfe.admin.ch/pilotdemonstration</a></p> <p>Program name and link: Pilot-, Demonstration- and Flagship Program  <a href="https://www.bfe.admin.ch/bfe/en/home/research-and-cleantech/pilot-and-demonstration-programme.html">https://www.bfe.admin.ch/bfe/en/home/research-and-cleantech/pilot-and-demonstration-programme.html</a></p> <p>Type of research funded: Pilot (TRL 4-7) and demonstration (TRL 7-9)</p>
<b>Funding commitment</b>	Up to CHF 3 million. Note that projects will be assessed according the SFOE's pilot-, demonstration- and flagship program.
<b>Anticipated number of projects with Swiss partners</b>	Not specified.
<b>Maximum funding per awarded project</b>	All projects selected are subject to the limitation imposed by the admission criteria and the available budget of the national funding program.
<b>Eligibility of a partner as a beneficiary institution</b>	No restrictions (any third party to the Swiss Confederation).
<b>Eligibility of costs</b>	Funding of Swiss participants is limited to 40% (in exceptional cases 60%) of the eligible project costs. Eligible projects costs cover only the additional project costs that cannot be amortized over the expected lifetime of the developed installation or solution. Additional projects costs are the additional project costs compared to the costs of implementing an equivalent, conventional technology or solution.

<b>Submission of the proposal at the national level</b>	<p>Yes.</p> <p>Full project proposals for Swiss funding must be submitted any time prior to the deadline for pre-proposals prescribed in this ACT call. Potential applicants for Swiss funding undergo a national evaluation that is entirely decoupled from the ACT proposal evaluation. Outcomes of the national evaluation take absolute precedence. Alignment with important dates related to this ACT call will not be guaranteed. The process is rigid and does not allow for flexibility.</p> <p>Applicants can only participate in the submission of an ACT full proposal, if they have received a positive funding decision from the Swiss Federal Office of Energy regarding the proposal that has been submitted at the national level of Switzerland.</p> <p>Admission criteria include:</p> <ol style="list-style-type: none"> <li>1. Project topic contributes to increasing energy efficiency or use of renewable energy;</li> <li>2. High potential for application and success potential; Full applications have to be submitted according to the application procedure specified in the documents <i>directive</i> and <i>application for financial support</i> at: <a href="https://www.bfe.admin.ch/bfe/en/home/research-and-cleantech/pilot-and-demonstration-programme.html">https://www.bfe.admin.ch/bfe/en/home/research-and-cleantech/pilot-and-demonstration-programme.html</a></li> <li>3. Project topic in line with the Swiss energy policy;</li> <li>4. Results are publicly accessible and disseminated among interested circles.</li> </ol> <p>See the program <a href="#">directive</a> for the complete list of admission criteria.</p> <p>Expected deliverables of pilot- and demonstration program projects include:</p> <ol style="list-style-type: none"> <li>1. Proof of concept of facilities, systems and proposed solutions,</li> <li>2. Intermediate and final reports of individual projects providing details on technical feasibility,</li> <li>3. Operational achievements and project economics (particularly related to innovative energy technologies and installations) and</li> <li>4. Demonstrated knowledge transfer to target community providing details on individual measures that have been implemented.</li> </ol> <p>The SFOE does not claim any IPR. It is explicitly allowed to protect intellectual property as far as this does not block the dissemination of the results.</p>
<b>Submission of financial and progress reports at the national level</b>	Yes, scientific and financial reporting according to program rules.
<b>Information available at</b>	<a href="https://www.bfe.admin.ch/bfe/de/home/forschung-und-cleantech/pilot-und-demonstrationsprogramm.html">https://www.bfe.admin.ch/bfe/de/home/forschung-und-cleantech/pilot-und-demonstrationsprogramm.html</a>
<b>Other</b>	Get in touch with the National Contact Persons.

## Turkey

<b>Country/Region</b>	Turkey
<b>Funding organisation</b>	
<b>National contact person</b>	E. Burcu YAMAK E-mail: <a href="mailto:burcu.yamak@tubitak.gov.tr">burcu.yamak@tubitak.gov.tr</a> Tel.: +903122981812
<b>National funding commitment</b>	0.4 M Euro
<b>Anticipated number of projects with Turkish participation</b>	Approximately 2-3 anticipated. No minimum or maximum specified.
<b>Maximum funding per awarded project</b>	Depending on type of the institution (government or private) funding varies. Please check <a href="#">national rules guidelines</a> .
<b>Eligibility of a partner as a beneficiary institution and eligibility of costs</b>	Eligible applicants: Higher education institutions, their institutes, public R&D centres, SMEs and private companies established in Turkey. Funding rate: 100% for higher education institutions, their institutes, public R&D centres, 60% for large companies and 75% for SMEs
<b>Eligibility of costs</b>	Personnel, travel, equipment/tool/software, service procurement, material costs.
<b>Submission of the proposal at the national level</b>	Turkish partners will make their online application via TUBITAK's online system reachable from <a href="http://uidb-pbs.tubitak.gov.tr">uidb-pbs.tubitak.gov.tr</a> . Turkish partners will use E-Signature for their applications. Detailed information can be achieved via: <a href="http://www.tubitak.gov.tr/sites/default/files/281/ardeb_eimza_yardim_dokumani.pdf">http://www.tubitak.gov.tr/sites/default/files/281/ardeb_eimza_yardim_dokumani.pdf</a>
<b>Submission of financial and progress reports at the national level</b>	Scientific and financial reporting according to national criteria.
<b>Information available at</b>	Further information please check <a href="#">national rules guidelines</a> .
<b>Other</b>	We highly recommend contacting the NCP during the preparation of the project.

## United Kingdom

<b>Country/Region</b>	United Kingdom (UK)
<b>Funding organisation</b>	The Department for Business, Energy and Industrial Strategy (BEIS)
<b>National contact persons</b>	<p>Mr Brian Allison and Tel: +44 300 06 85358 Email: <a href="mailto:brian.allison@beis.gov.uk">brian.allison@beis.gov.uk</a></p> <p>Miss Hannah Lord Tel: +44 300 06 85547 Email: <a href="mailto:hannah.lord@beis.gov.uk">hannah.lord@beis.gov.uk</a></p> <p>Website: <a href="http://www.gov.uk/beis">www.gov.uk/beis</a></p>
<b>Funding commitment</b>	BEIS “The UK, under the ACT3 Call wishes to remain a key member of the ACT Consortium, however future UK spending decisions do not allow us to commit to a specific amount of funding for ACT3 at this stage. The level of funding will be determined at a later stage once the availability”
<b>Anticipated number of projects with UK participation</b>	Up to 10 depending on final funding decision.
<b>Maximum funding per awarded project</b>	Only limited by available funding commitment from United Kingdom.
<b>Eligibility of costs</b>	<p>Grants will be provided under Article 25 of the EU State Aid General Block Exemption Regulation - <b>Aid for research and development projects</b> under the definition of fundamental/<b>experimental development</b> (or industrial research if appropriate).</p> <p>Applicants must be able to provide evidence of private funding to cover the balance of the eligible project costs. Applicants should consult the Block Exemption guidance for eligible costs; claims under the UK grant must be for project costs incurred in the UK.</p> <p><b>UK: Sub-contracting</b> Unless agreed otherwise:</p> <ul style="list-style-type: none"> <li>• Subcontracting is to be capped at a maximum of 20% of the UK budget.</li> <li>• All UK grant costs, including sub-contracts, should be incurred within the UK.</li> </ul> <p>Project management costs cannot be sub-contracted.</p>
<b>Eligibility of a partner as a beneficiary institution</b>	<p><b>BEIS eligibility</b></p> <p>All UK participants in a single project must be separate legal entities. UK companies must:</p> <ul style="list-style-type: none"> <li>• have been trading for at least 12 months before the closing date for applications</li> <li>• be VAT registered</li> <li>• be registered at Companies House</li> </ul> <p>Companies need to provide the following with the Stage 1 application:</p> <p>(1) evidence they have the resources and finances to undertake the project .</p> <p>(2) the ability to provide (if asked) a copy of their annual accounts for the last two submitted financial years.</p>

<p><b>Eligibility of a partner as a beneficiary institution (Cont)</b></p>	<p>Companies with fewer than 5 Full Time staff cannot lead a project, unless agreed prior to application.</p> <p>All projects that are successful at Stage 1 will be visited (dependent on the COVID19 situation at the time) before Stage 2. You will be informed what will need to be covered at that meeting at an appropriate time.</p> <p>The UK is particularly interested in ACT3 projects that address;</p> <ul style="list-style-type: none"> <li>• Mission Innovation (MI); see following link <a href="http://mission-innovation.net/our-work/innovation-challenges/carbon-capture/">http://mission-innovation.net/our-work/innovation-challenges/carbon-capture/</a> Carbon Capture Challenge PRDs.</li> <li>• Outputs from both MI Workshops</li> <li>• Outputs from the SET Plan</li> <li>• Linkages to the UK’s Carbon Capture and Storage (CCS) Infrastructure Fund (when details formally announced)</li> </ul> <p>Projects led by industrial partners will be particularly welcome as will projects that have industrial partners within the project.</p> <p>One piece of advice to UK organisations, please make sure that all partners are clear about what their involvement will be AND have had early discussions about IPR and Consortium Agreements.</p>
<p><b>Submission of the proposal at the national level</b></p>	<p>Please discuss with the National Contact (above).</p> <p>The National Contact person may ask for draft project proposals as soon as they become available. The project proposal from the whole consortia must have a separate appendix with total budget for UK partners broken down on cost and financing for all the UK-partners.</p> <p>State Aid Guidelines must be addressed along with standard guidelines for ordinary project proposals to BEIS. It is for the UK applicants to ensure that State Aid Rules will be complied with.</p>
<p><b>Submission of financial and progress reports at the national level</b></p>	<p>Yes, scientific and financial reporting according to national criteria. For successful projects this will be laid out in the Grant Offer Letter (GOL).</p>
<p><b>Information available at</b></p>	<p>By contacting the National Contact Point.</p>
<p><b>Other</b></p>	<p>We highly recommend contacting the National Contact, at the very earliest opportunity, during the preparation of your project.</p>

## United States of America

<b>Country/Region</b>	United States (US)
<b>Funding organisation</b>	Department of Energy-Office of Fossil Energy (DOE-FE)
<b>National contact person</b>	<p>Mr. Mark Ackiewicz (Director, CCUS R&amp;D) Tel: +1 301 903 3913 Email: <a href="mailto:mark.ackiewicz@hq.doe.gov">mark.ackiewicz@hq.doe.gov</a></p> <p>Mr. Darin Damiani (Carbon Storage Program Manager) Tel: +1 202 287 5282 Email: <a href="mailto:darin.damiani@hq.doe.gov">darin.damiani@hq.doe.gov</a></p> <p>Mrs. Lynn Brickett (Carbon Capture Program Manager) Tel: +1 412 260 7345 Email: <a href="mailto:lynn.brickett@hq.doe.gov">lynn.brickett@hq.doe.gov</a></p> <p>Ms. Amishi Kumar (Carbon Utilization Program Manager) Tel: +1 301 903 7637 Email: <a href="mailto:amishi.kumar@hq.doe.gov">amishi.kumar@hq.doe.gov</a></p>
<b>Funding commitment</b>	US\$2 million (Equivalent to approximately 1.8 million €). Funding is split equally between carbon capture and carbon utilization. It is noted that the US funding commitment may increase if one or more of the US DOE supported Regional CCUS Initiative projects submit a geologic storage proposal and are selected for award.
<b>Anticipated number of projects with US participation</b>	<p>Up to 4 (up to 2 projects in carbon capture, up to 2 projects in carbon utilization).</p> <p>It is noted that the US may support additional geologic storage projects if one or more of the US DOE-supported Regional CCUS Initiative projects submit a geologic storage proposal and are selected for award.</p>
<b>Maximum funding per awarded project</b>	Projects are limited to US\$500,000. Any projects that exceed this limit will be eliminated from consideration.
<b>Eligibility of a partner as a beneficiary institution</b>	<p>Research on carbon capture and utilization is solicited. Specific research related to industrial carbon capture is suggested. Additionally, reactive capture, an approach where both capture and utilization are done without a separate need for regeneration will also be considered. Capture and Utilization proposals are open to DOE national laboratory participants only.</p> <p>Geologic storage proposals are open exclusively to the prime recipient of the US DOE supported Regional CCUS Initiative projects (DE-FE0031830; DE-FE0031836; DE-FE0031837; DE-FE0031838).</p>
<b>Eligibility of costs</b>	Subject to DOE and FE requirements for national laboratory field work proposals (FWPs) and the terms and conditions of the Regional CCUS Initiative project cooperative agreements identified above.
<b>Submission of the proposal at the national level</b>	Yes, in draft format prior to submission date. Purpose is to show alignment of the full proposal with DOE-FE goals and objectives. US National Laboratories must also submit a FWP to DOE, similar to other projects with DOE-FE.

<b>Submission of financial and progress reports at the national level</b>	Yes, scientific and financial reporting according to standard DOE policy.
<b>Information available at</b>	
<b>Other</b>	Contact one of the national contacts if there are specific questions.

## Annex 2: Template for pre-proposal

**Concise description of the project** (for small projects up to 10 pages for points 1 to 4 below, for large projects up to 20 pages)

*Please give an overview of the project, including:*

- a) Objectives and targets (against defined technology and market development needs)*
- b) Key activities (work programme, work packages and work distribution among partners, i.e. key activities and leading roles / major contributions of partners)*
- c) Expected results (innovation or innovation potential, contribution to achieving the ACT objective of accelerating and maturing CCS technology, etc.)*
- d) Added value through transnational cooperation for the whole project*

*Please also provide a full project title and an acronym.*

### **1. Objectives and challenges**

[ your pre-proposal text]

### **2. Short description of your project including key activities**

[ your pre-proposal text]

### **3. Expected results**

[ your pre-proposal text]

### **4. Relevance to ACT and trans-national added value**

[ your pre-proposal text]

### **5. Approximate projected costs in EUR**

[ table giving total costs and requested funding for each partner and the consortium as a whole, detailing also any other requested funding for the same work]

- Please use attached table in Annex 4.

### **6. Short description of partners involved**

[ maximum half a page per partner, no CV's required]



## Annex 3: Template for full proposal

- 1. Publishable summary of the project (max. 1 page)**
- 2. Scientific, technological and commercial objectives and challenge (max. 2 pages)**

*Give evidence relating to the scientific, technological and commercial objectives and challenges of the project, outlining:*

- *Overall aims and objectives of the projects,*
- *Key targets to be achieved in the project*
- *Technology Readiness Levels including a short justification*
- *Scientific, technical and commercial challenges*

- 3. Technical and scientific description of the project**

*Describe:*

- *State-of-the-art*
- *Innovation of your approach*
- *Technical milestones and expected results*
- *Methodologies and technologies utilised to obtain goals*
- *Recent research relevant to the project undertaken by the consortium partners*
- *Clear definition of the national subprojects (detailed description of activities performed in each country)*

- 4. Outline of Work Plan (page limits for 3. And 4. together: max. 30 pages, large projects may use up to 65 pages)**

*Please outline the following clearly:*

- *Project structure*
- *Individual work package description with person-months per work package and partner*
- *Milestones, deliverables and time schedule, including Gantt chart*
- *Role of each partner; relevant expertise, resources, manpower, costs*
- *Monitoring and management of the project*

- 5. Relevance to ACT objective of accelerating and maturing CCS technology and transnational added value (max. 2 pages)**

*Please outline:*

- *Relevance of the project to the ACT objective of accelerating and maturing CCS technology*
- *Scientific/technical/industrial/commercial expertise of the consortium partners which is relevant for the success of the project*
- *Value of national subprojects*

- *Added value of transnational cooperation*

## **6. Risks and mitigation measures (max. 2 pages)**

*Please outline for your project the most relevant risks (technical, economical, commercial, organizational and political), their severity, and preventive and mitigation measures.*

## **7. Status of Consortium Agreement (max. ½ page)**

*Give a brief outline of the consortium agreement. Include whether the Consortium Agreement is at the initial or final draft stage or is in the process of being signed. Give an indication as to the expected date of agreement signature.*

## **8. Further information**

- a) Experience of participants (max. 1 pages per partner. In addition, max. 4 CV's per partner. Max. 2 pages per CV)**

*Brief additional profile information (CVs, relevant professional experience etc.) of all partners (Principal investigators) together with lists of up to 5 recent publications, description of companies or institutions.*

- b) Main facilities, equipment (max. ½ page)**

*If applicable, a description of significant facilities and large-scale equipment available to the consortium that is necessary to fulfil the aims of the project.*

- c) Tables regarding project cost and requested funding**

*The tables should give total costs and requested funding for each partner and the consortium as a whole. Any non-personnel line item of more than €50.000 requires an explanation. Also, additional (expected) sources of funding should be specified.*

*Please use the table in Annex 4. for budgeting*

- d) Letters of Intent (LoI) from each partner (max. 2 pages per partner)**

*Should express the partner's role and contribution in-cash and in-kind in the project.*

- e) Plan for hosting a knowledge sharing workshop (for large projects only, 2 pages)**

*A plan and site for hosting one of the annual knowledge-sharing workshops should be included in the full proposal. This plan is subject to modification after consultation with the funding agencies of ACT.*

## **Annex 4: Tables for partner information and budgeting**

Use this [link](#) to find Annex 4.

## Annex 5: Consortium Agreement (CA)

A Consortium Agreement (CA) must be established between the consortium members to regulate the collaboration process and safeguard important issues, such as Intellectual Property Rights (IPR).

There are several possibilities for establishing a signed CA and all the alternatives listed below can be considered:

- The DESCAs model is a template designed to fit European countries and could quite easily be used by projects having only European partners.
- A revised DESCAs model can be used for projects with partners outside Europe. Wordings and terms difficult to accept for some partners can be deleted or changed as long as all project partners agree.
- If DESCAs/revised DESCAs is not useful, a CA can be based on any template suitable for all project partners.
- If a CA that is acceptable to all Consortium members cannot be developed, one alternative will be signed Letters of Commitments (LoC) from all partners. ACT will accept this solution. There might be a need for national CAs alongside such LoCs (there are some countries where a CA is a formal need). The wording in the LoC can be based on Letters of Intent (LoI) that must be submitted together with the application. Signed LoCs together with a separate IPR agreement can also be a workable solution.
- Another alternative is a simplified CA together with a separate document on how to handle IPR. Such a CA could be only a few paragraphs stating that all partners will collaborate as described in the application submitted to ACT.

# Accelerating CCS Technologies (ACT) Third Call-2020

## *Funding Guidelines for Indian Applicants*



## Funding Guidelines for Indian Applicants

### RULES OF PARTICIPATION AND FUNDING

These guidelines are to be read along with eligibility specified in **ANNEX-1: Specific Funding Rules: India (page 27)** of **ACT-Third Call-2020**. The eligibility, funding details and requirements given here overrides ANNEX 1: Specific Funding Agencies' Rules of **ACT Third Call-2020** as far as guidelines for Indian applicants are concerned.

#### 1. ELIGIBILITY FOR INDIAN APPLICANTS:

##### I. Lead Institution-

- 1.1 The proposals are to be led by faculties/ scientists working in regular position in recognized Academic Organizations /Public funded R&D Institutions & Laboratories, autonomous organizations under Central (Federal) and State (Provincial) Governments.

##### II. Participating Entities-

- 1.2 The participating entities in consortium can be all the entities mentioned in 1.1, DSIR recognized Scientific and Industrial Research Organization (SIRO) organizations, industry association, industries etc.
- 1.3 The proposals should have well-defined and synergistic partnership of all participating entities. Involvement of need owners and industries is preferred
- 1.4 All Indian partners in a single project must be separate legal entities. However, there can be more than one investigator from the same entity.
- 1.5 Participating Indian companies must:
- Be incorporated in India under the Companies Act 1956/2013.
  - Have at least 51% stake of the company be owned by Indian citizens.
  - Have been in operation for at least 3 financial years before the closing date for application.
  - Be registered under relevant provisions of Good & Services Taxation (GST) Act.
  - Have required expertise and capacity to technically contribute to the proposed project.
  - The maximum funding for Industry will not be more than their MSME definition based on Investment in plant and machinery for manufacturing Sector and Investment in equipment for Service Sector (MSMED Act 2006 or their consecutive amendments).

##### III. Companies need to provide the following with the First Stage application:

- ✓ Evidence they have the resources (both technical and financial) to undertake the project.
- ✓ An audited copy of their submitted annual accounts for the last three financial years.

##### Please note:

- × Sole proprietors and partnership firms are not eligible for support under this programme.
- × Companies headquartered and owned outside India and their subsidiaries in India, or vice versa, are not eligible to receive funding directly or indirectly. These entities are also not eligible for participating in the call as part of Indian Consortium.

## 2. Funding by DST:

- 2.1 DST will fund the Indian consortium members through the lead institution as per requirement of the project, and as per the regulations of the DST, as outlined hereunder for the project duration up to 36 months.
- 2.2 Budgeted costs of the project to following entities subject to obligatory fulfilment of eligibility criteria.
  - 2.2.1 Indian Academic Organization, Public funded R & D Institutions/Laboratories, Central or State Government controlled Autonomous Organizations and industry associations may receive up to 100% of their approved costs (within applicable funding range and as per DST approved budget) as **grant-in-aid**.
  - 2.2.2 Industry may receive up to 50% of the DST approved budget cost and the remaining 50% contribution in cash shall mandatorily come from them. The manhours of existing workforce, utilization of facilities etc will not be counted as industry contribution.
  - 2.2.3 The Indian Industry partner may receive their share of **grant-in-aid** funds through lead partner in a phased manner depending on the progress of the project and subject to submission of audited accounts for specific targets as per requirement of the project (as per the regulations of the lead partners institute). In this case, the lead partner will be responsible for achieving the specific target for which the funds will be released.
  - 2.2.4 The maximum funding support for Industry will not exceed investment in plant and machinery for manufacturing sector and investment in equipment for Service Sector (MSMED Act 2006 or any amendment from time to time).

## 3. Funding available:

### 3.1. Total Funding Available:

**1 Million Euro** (Equivalent Indian Rupees: Approx. Rs. 8 Crore)

### 3.2. Maximum Funding per Awarded project:

Maximum funding for Indian partners for awarded project will be restricted to 0.25 Million Euro (Rs. 2 Crore). Funding will be divided in approximate two equal parts to support Carbon Capture and Utilization (CCU) and Carbon Capture and Storage (CCS) project proposals

## 4. Type of Research Funded:

The objectives of DST funding broadly conform to ACT-3 call objectives. DST is seeking research projects, to facilitate R & D and innovation that are technically feasible, robust, scalable, and can lead to development and pilot deployment of safe and cost-effective CO<sub>2</sub> Capture, Utilization and Storage (CCUS) technologies. The development and pilot deployment facilities should have potential for upscaling either in a demo phase or early commercial phase. The scope also envisages to address the challenges related to CCUS in technological, environmental, social and economic context across the country. The combination of activities ranging from applied research to pilot scale demonstrations within one project is eligible and encouraged (differentiation between research stages should be described in the relevant work packages). The call does not include specific targets for Technology Readiness Level (TRL), but projects should include higher TRL levels and all projects must aim to advance the TRL as a result of the project.

**5. Anticipated number of projects with Indian partners:**

Four (4) Numbers (The numbers can be increased for the suitable project within the funding limit).

**6. Eligible Costs:**

Personnel (Research Manpower) and indirect cost (Overheads / management costs), Operating cost, (Consumables, workshops, other costs, National & International Travel), Minor Research Equipment not exceeding 10 % of the budget sought from DST, Fabricated systems for lab and pilot scale demonstrations.

**7. Preparation of Financial Requirement Schedule by Indian Applicant:**

- 7.1. Indian participants **MUST** submit financial requirements in **Indian Rupees** for duration of the project.
- 7.2. The detailed financial requirement for each Indian participant in the project must be specified according to format provided by DST in **ANNEX-6**: Indian applicants must also upload their budget in DST format.
- 7.3. The budgeting by Indian Participants have to be done in conformity with DST terms and conditions (see hereunder), and filled in according to DST Budget Format and Templates (**see ANNEX-6**).

**8. DST Terms and Conditions for Indian Applicant:**

- 8.1 Indian applicants should follow the DST's Terms and Conditions. [**as per ANNEX-6/A & B**]
- 8.2 The final technology developed under the project will have to meet the relevant India / international standards, if already available. Otherwise, all partners will pursue respective organizations at their respective countries for bringing such standards.
- 8.3 Indian applicants will have to follow the provisions of General Financial Rules (GFR)<sup>1</sup>2017 and / or any other rules as decided by DST from time-to-time.

**9. DST Proposal Format and Submission:**

Indian 'Project Coordinator' is also required to submit complete pre- proposal and full proposal as that submitted by consortium as one single consolidated PDF file at e-PMS (<https://www.onlinedst.gov.in/>) along with other requisite documents by **11<sup>th</sup> November 2020 (pre-proposal)** and **16<sup>th</sup> March 2021 (full proposal)** .

Online e-PMS submission of proposal should also be completed by **11<sup>th</sup> November 2020 (pre-proposal)** at 17:30 IST and **16<sup>th</sup> March 2021 (full proposal)** at 17.30 IST latest.

**10. Instructions for uploading proposal to DST on e-PMS:**

- 101 Log on [onlinedst.gov.in](https://onlinedst.gov.in) to access the home page of the “DST e-PMS Portal” and register. After registration, log in and submit the joint project proposal in prescribed Format.
- 102 Before filling up the form Indian applicants are advised to carefully go through the Relevant Advertisement published at the DST Website (<https://dst.gov.in/>) and also available under Proposal Formats in the e-PMS Portal after logging in the portal site.



- 103 To save time and avoid data loss, please download the appropriate proposal format and fill all the information required as per the format as a Word and PDF file and then keep it ready for upload during submission of mandatory documents.
- 104 Click on “**Submit proposals**” link which would take to a page seeking multiple information starting with – General information, Principal investigator etc.:
- 105 After filling all above particulars, there is provision for preview your details before final submission of application form on clicking on “Preview” button. Preview page will display all facts/particulars that have mentioned on entry time. If the applicant are sure with filled details then click on “Submit” button to finally push data into server.

Applicants are advised to carefully fill in and verify the details required for the online application themselves, as no change will be possible/ entertained after clicking the **FINAL SUBMIT BUTTON**.

#### 11. List of documents required for online submission DST e-PMS:

The followings documents shall be prepared by Indian PI and uploaded on the DST Portal- [www.onlinedst.gov.in](http://www.onlinedst.gov.in) . The requisite format is listed below.

- a) Biodata (max size 512KB) [**as per Proforma-I**]
- b) Certificate from Investigator(s) (max size 512KB) [**as per Proforma-II**]
- c) Endorsement from Head of Organisation (on letter head) (max size 512KB) [**as per Proforma-III**]
- d) Endorsement from collaborating Industry/ Agency (on letter head) (max size 512KB) [**as per Proforma-IV**]
- e) Conflict of Interest (max Size 512KB) [**as per Proforma-V**]
- f) Complete Proposal (1 pdf file) as indicated in online portal (max size 2 MB).

**ANNEXURE- 6**

**DST BUDGET, BIO-DATA, INVESTIGATOR’S CERTIFICATE, ENDORSEMENT CERTIFICATE  
(INSTITUTE & INDUSTRY) FORMATS AND CONFLICT OF INTEREST**

**||to be Noted ||**

**Instructions to project coordinator**

- Project Investigator needs to submit consolidated budget table for all the collaborating partners.
- They also need to submit detailed budget table for each of the collaborating partners.
- Details and Justification should be provided for each head.
- All figures must be in Indian Rupees. Please indicate exchange rates used for other currencies.
- Save the complete application form as a single pdf file and upload it in ePMS ([onlinedst.gov.in](http://onlinedst.gov.in)).
- PI is requested to **kindly Note the TPN Number**, which is autogenerated after uploading the proposal on ePMS portal.
- In addition, save the budget form (Excel file) and fill up the endorsement and contribution letters (scanned copy) and email to **Dr. Neelima Alam**, Scientist 'E', Technology Mission Division (E&W), DST at [ccus.dst@gmail.com](mailto:ccus.dst@gmail.com).
- Please also mention the **TPN as reference in the subject of all Email to DST.**

**National Contact Person:**

Primary Contact 1: **Dr. Neelima Alam,**  
Email: [neelima.alam@nic.in](mailto:neelima.alam@nic.in),  
Phone No.: +91-11- 26590467

Primary Contact 2: **Dr. Sanjai Kumar**  
Email: [sanjai.k@gov.in](mailto:sanjai.k@gov.in),  
Phone No.: +91-11-26590270

Secondary Contact: **Dr. Sanjay Bajpai,**  
Email: [sbajpai@nic.in](mailto:sbajpai@nic.in)  
Phone No.: +91-11-26565337/ 26590283

## Tables for Partner's Information and Budgeting

<b>Table A - Key project information</b>	
Please provide the information's	
<b>Project title</b>	
<b>Project acronym</b>	
<b>Project coordinator</b>	
Organisation	
Address	
Country	
Enterprise Registration number	
Web site	
Project coordinator	
Email	
Phone	
<b>Project period</b>	
Start date	
End date	
<b>Budget</b>	
Total budget ( <i>Indian Rupees in Lakhs</i> )	
Applied funding from ACT ( <i>Indian Rupees in Lakhs</i> )	

<b>Table B - Project partners</b>	
Please list required information for all project partners separately. Add extra lines if necessary	
<b>Partner 1/Partner 2/Partner 3....</b>	
Organisation	
Address	
Country	
Enterprise Registration number	
Web site	
Main contact person	
E-mail address	
Phone	

<b>Table 1 - Cost</b>						
<b>Total budget for the project</b>						
<b>Cost Category</b>	<b>2021</b>	<b>2022</b>	<b>2023</b>	<b>2024</b>	<b>Total</b>	
Personnel (Research Manpower) and indirect cost (Overhead/Project Management)						
Operating cost						
Equipment (Minor Research)						
ACT workshops						
Other cost (must be specified)						
<b>Total</b>						
<i>All figures in Rupees in Lakhs</i>						
<b>Please add data for each partner in the project below</b>						
<b>Partner 1/Partner 2/Partner3/..</b>						
Name of partner						
Country						
<b>Cost Category</b>	<b>2021</b>	<b>2022</b>	<b>2023</b>	<b>2024</b>	<b>Total</b>	<b>Comments / Specifications</b>
Personnel (Research Manpower) and indirect cost (Overhead/Project Management)						
<i>Personnel (Research Manpower)</i>						
<i>Overhead/Project Management</i>						
Operating cost						
<i>Consumables</i>						
<i>Contingencies</i>						
<i>Travel (Domestic)</i>						
<i>Travel (International)</i>						
Equipment (Minor Research)						
Workshops						
Other cost (must be specified)						
<b>Total</b>						
<i>All figures in Rupees in Lakhs</i>						

**Note # 1:**

- The budget required towards other category (may be added in appropriate budget heads).
- Justification for costs projected in each budget head is required.
- The budget could be re-assessed based on suggestions/recommendations from the expert committee.

**Note # 2:**

- ✓ Minor Equipment is to be capped at a maximum of 10% of the Indian Budget.
- ✓ Subcontracting is to be capped at a maximum of 20% of the India budget.
- ✓ All India grant costs, including sub-contracts, should be incurred within the India.
- ✓ Project Management costs cannot be sub-contracted.

Table 1.1 – Itemized Cost Details

Please add data for each partner in the project below

Partner 1/Partner 2/Partner3/..

Name of partner

Country

City:

**1. Personnel (Research Manpower) and indirect cost (Overhead/Project Management)****1.1 Personnel (Research Manpower)**

Designation (JRF /SRF/ RA/ Project Assistants etc)	Educational Qualification	Experience in years, if applicable	Justification

**Note #** Refer DST guidelines for Educational Qualification, Experience etc as mentioned in the respective OM in **Annexure-A (OM. No. SR/S9/Z-08/2018 dated 30.01.2019 and OM. No. SR/S9/Z-05/2019 dated 31.08.2019)**, it is also requested to visit DST website time-to-time for any new updates: <https://dst.gov.in/whatsnew>

Designation (JRF /SRF/ RA/ Project Assistants etc)	2021	2022	2023	2024	Total	HRA (%)	No. of Persons	Total Amount (inclusive of all allowances)
<b>Total</b>								

All figures in Rupees in Lakhs

**Note #** Emoluments shall be provided as per DST Guidelines for Research fellow and other Manpower Budget mentioned in **Annexure -A (OM. No. SR/S9/Z-08/2018 dated 30.01.2019 and OM. No. SR/S9/Z-05/2019 dated 31.08.2019)**

**Note #** Please mention category/ class of city ..... (X/Y/Z) for admissible HRA along with..... %. (as per notification of 7<sup>th</sup> CPC)

**1.2 Overhead / Project Management**As per DST norms and conditions mentioned in the **Annexure-A (O.M. SB/S9/Z-33/2015 dated 1 January 2016)****2. Operating Cost****2.1 Consumables: Itemise Budget for Consumable Materials**

Items	Unit Price	Quantity Needed	Amount	Justification
<b>Total</b>				

All figures in Rupees in Lakhs

**Note #** As per DST norms and conditions mentioned in the **Annexure -A (OM: SB/S9/Z-33/2013 dated 24 February 2015)**

2.2 Contingency				
Items	Amount	Justification		
<b>Total</b>				
<i>All figures in Rupees in Lakhs</i>				
<b>Note #</b> As per DST norms and conditions mentioned in the <b>Annexure -A (OM: SB/S9/Z-33/2015 dated 1 January 2016)</b>				
2.3 Travel (Domestic)				
Items (to attend)	Total Amount	Detailed Justification (In case of extensive field visits needed in project indicating breakup of cost w.r.t. to journeys, mode and class of transport needed)		
Review meetings				
<b>Total</b>				
<i>All figures in Rupees in Lakhs</i>				
2.4 Travel (International)				
Items (to attend)	Total Amount	Detailed Justification		
<b>Total</b>				
<i>All figures in Rupees in Lakhs</i>				
<b>Note #</b> As per DST norms and conditions for travel mentioned in the <b>Annexure -A (OM: SB/S9/Z-33/2015 dated 1 January 2016)</b>				
3. Equipment (Minor Research) Cost				
Description of Equipment	Unit Landed Price (CIF+ Custom Duty/ Taxes + others charges etc.)*	Nos. of Equipment	Total Cost	Justification in context of proposed work
<b>Total</b>				
<i>All figures in Rupees in Lakhs</i>				
<b>Note #</b> Page/sheet indicating the total landed cost in Indian rupees ( <b>Ensure to mention Currency Exchange rate considered in case of imported equipment, freight, taxes, spares, special installation, etc.</b> ) Please project the actual cost taking into account reliable cost estimates as no cost revision would be admissible				

<b>4. Workshops</b>		
<b>Items</b>	<b>Amount</b>	<b>Justification</b>
<b>Total</b>		
<i>All figures in Rupees in Lakhs</i>		
<b>5. Other Cost (must be specified)</b>		
<b>Item</b>	<b>Amount</b>	<b>Detailed Justification (derived cost calculation and relevant quotation /Page No.)</b>
Subcontract work		
<i>Fabrication</i>		
<i>Testing /Standardization</i>		
<i>Small Civil Work</i>		
Filing of Patents		
Other items, if any		
<b>Total</b>		
<i>All figures in Rupees in Lakhs</i>		
<p><b>Note #</b> As per DST norms and conditions mentioned in the <b>Annexure -A</b> under head Other costs</p> <ul style="list-style-type: none"> <li>✓ Subcontracting is to be capped at a maximum of 20% of the India budget.</li> <li>✓ All India grant costs, including sub-contracts, should be incurred within the India.</li> </ul>		

<b>Table 2 - Work Package</b>							
Please fill in cost figures split on Work Packages (WP) for each partner in the project							
Partner	WP 1	WP 2	WP 3	WP 4	WP xx	Total	Comments / Specifications
Partner 1							
Partner 2							
Partner 3							
Extra rows may be inserted if needed							
<b>Total</b>							
<i>All figures in Rupees in Lakhs</i>							

<b>Table 3 - Financing</b>						
<b>Total budget for the project</b>						
<b>Financial Source</b>	<b>2021</b>	<b>2022</b>	<b>2023</b>	<b>2024</b>	<b>Total</b>	
In-kind from project partners						
Cash from project partners						
Other public financing						
Other private financing						
Applied financing from ACT						
<b>Total</b>						
<i>All figures in Rupees in Lakhs</i>						
<b>Please add data for each partner in the project below</b>						
<b>Partner 1/Partner 2/Partner3/..</b>						
Name of partner						
Country						
<b>Financial Source</b>	<b>2021</b>	<b>2022</b>	<b>2023</b>	<b>2024</b>	<b>Total</b>	<b>Comments / Specifications</b>
In-kind						
Cash						
Other public financing						
Other private financing						
Applied financing from ACT						
<b>Total</b>						
<i>All figures in Rupees in Lakhs</i>						

<b>Table 4 - Cost Code</b>						
Please fill in cost figures according to the specified categories. Only data for the whole project without specifications for each partner						
<b>Partner</b>	<b>2021</b>	<b>2022</b>	<b>2023</b>	<b>2024</b>	<b>Total</b>	<b>Comments / Specifications</b>
Private sector						
Institute						
Universities						
Other sector						
<b>Total</b>						
<i>All figures in Rupees in Lakhs</i>						

### **Other Required Information's**

#### **Organization details:**

- a. Designation of the financial authority in organization:
- b. Whether organization registered with Govt. of India, Public Financial Management System\* (PFMS):  
Yes/ No  
\*(see website: <https://pfms.nic.in/Users/LoginDetails/NewLayoutLogin.aspx>)
- c. If not, please get it registered as soon as possible at PFMS website which is mandatory. If yes, inform Agency code registered at PFMS .....



## DST Funding Specifications

### ANNEXURE - A

#### Information about DST funding: maximum budget and what costs can be reimbursed

- (a) **Maximum budget from DST:** The projected budget by the Indian PI will be reviewed by Indian members of the advisory committee and will undergo financial due-diligence as per DST processes, which will take into account cost needed for the projected activities, matching efforts and conformity to DST guidelines.
- (b) **Heads wise break up of cost (Break- up of cost)**

<b>A. Non-recurring cost:</b> Permanent Equipment as per quotations and GeM module will be permitted to procure.			
<b>B. Recurring costs</b>			
1	<b>MANPOWER:</b>		
	<b>S.No.</b>	<b>Manpower Position</b>	<b>Monthly Emoluments</b>
	1	Research Associate – I	Rs. 47,000/- + HRA
		Research Associate – II	Rs. 49,000/- + HRA
		Research Associate – III	Rs. 54,000/- + HRA
		Junior Research Fellow (JRF)	Rs. 31,000/- + HRA
		Senior Research Fellow (SRF)	Rs. 35,000/- + HRA
2	Scientific Administrative Assistant/Field worker, Project Associate-I, Project Associate-II, Senior Project Associate, Principal Project Associate, Project Scientist-I, Project Scientist-II, Project Scientist-III, Project Scientist B, Project Scientist C, Project Scientist D, Project Coordinator-II, Project Coordinator-III, Project Manager	As per DST OM. No. SR/S9/Z-05/2019 dated 31.08.2019	Essential qualifications & age limit, Selection Process & Service Conditions for Scientific/ Technical Manpower  As per DST OM. No. SR/S9/Z-08/2018 dated 30 <sup>th</sup> January 2019 or as per the norms of the Institute undertaking such projects if they have a different structure than that defined in the above mentioned OM  As per DST OM. No. SR/S9/Z-05/2019 dated 31 <sup>st</sup> August 2019
2	<b>OVERHEADS CHARGES</b>  (OM: SB/S9/Z-33/2015 dated 1 <sup>st</sup> January 2016)	As per DST norms and conditions: Towards meeting the cost of academic expenses including infrastructural facilities, an amount of: a) For project costing upto Rs.1 crore, 10% of the total cost for educational institutions and NGOs and 8% for laboratories and institutions under Central Government Departments/Agencies;	

		<p>b) for projects costing more than Rs.1.0 crore and upto Rs.5.0 crore, overheads of Rs.15.0 lakh or 10% of total cost whichever is less;</p> <p>c) for projects costing more than 5.0 crore and upto Rs.20.0 crore, Rs.20.0 lakh will be provided as overheads; and</p> <p>(d) for projects costing more than Rs. 20 crore, the quantum will be decided on a case to case basis.</p>
3	<b>CONSUMABLES</b> (OM: SB/S9/Z-33/2013 dated 24 <sup>th</sup> February 2015)	Amount as per project requirement (justification through DST processes)
4	<b>CONTINGENCIES</b> (OM: SB/S9/Z-33/2015 dated 1 <sup>st</sup> January 2016)	Contingency can be utilised for stationary, accessories, software, printer cartridges, printing of reports and publicity materials etc. The contingency amount may also be used for paying Registration Fees for attending international conferences.
5	<b>TRAVEL</b> (OM: SB/S9/Z-33/2015 dated 1 <sup>st</sup> January 2016)	<p>Budget allocated for traveling can be used for attending review meetings, conferences, workshops and training programme. Traveling expanses for collection of data, survey and visit to other centers in multi-partners study can be budgeted.</p> <p>Amount as per project requirement (justification through DST processes), to be provided where the research work involves field work or/and project has many investigators/institutions and large manpower.</p> <p>Travel will include both national and international travel between the two collaborating countries. International travel of PI/Co-PIs and coordinators will be admissible only on the basis of reciprocity. One way travel is not encouraged. The maximum period of stay of faculty will be 3 months and for students it will not exceed 12 months. Travel cost should not exceed 20% of total budget (excluding overheads)</p>
6	<b>OTHER COST</b>	May include knowledge sharing and research uptake activities such as costs towards Subcontract work like fabrication, testing/standardization, renovation and small civil work and other works like publishing of joint (only) research outputs, filing of patents, technology transfer, stakeholders meet or awareness camps etc.
<b>GRAND TOTAL</b>		<p>Approx. <b>Rs.</b> per project</p> <p>(The amount will be the maximum cost admissible under the call. Actual amount may vary depending on level of activities proposed in the programme. )</p>

**ANNEXURE - B**

**Terms & Conditions of the Grant**

- 1** Approval of the Research Proposal and the grant released for it is for the specific Project sanctioned and the released grant should be exclusively spent on the Project within the stipulated period. The Institution may use funds obtained from any other Organisation with the concurrence of DST, for the Project. **Any un-spent balance out of the amount sanctioned must be surrendered to the Government of India by depositing in bharatkosh account by using link( [www.bharatkosh.gov.in](http://www.bharatkosh.gov.in) )**
- 2** For permanent, semi-permanent assets acquired solely or mainly out of the project grant, an audited record in the form of a register shall be maintained by the Institute. The term “Assets” include (a) the immovable property acquired out of the grant; and (b) movable property of capital nature where the value exceeds Rs 1000/-. The Institute is required to send to the Department of Science & Technology a list of Assets acquired from the grant. The grant shall not be utilised for construction of any building unless specific provision is made for that purpose. Full infrastructural facilities by way of accommodation, water, electricity, communication, etc. for smooth implementation of the project shall be provided by the Institute.
- 3** It is the policy of DST that the equipment procured under the Project be optimally utilized. The Principal Investigator shall permit the use of any spare or idle capacity of the equipment to legitimate users from the parent and other Organizations.
- 4** All the Assets acquired from the grant will be the property of the Government of India and should not be disposed off or encumbered or utilised for purposes other than those for which the grant had been sanctioned, without the prior sanction of the DST.
- 5** At the conclusion/ termination of the project, the Government of India will be free to sell or otherwise dispose off the Assets which are the property of the Government. The Institute shall render to the Government necessary facilities for arranging the sale of these assets. The Government of India has the discretion to gift the Assets to the Institutions or transfer them to any other Institution if it is considered appropriate.
- 6** The Institution/ PI will furnish Half Yearly Progress Report of the work on the Project on half-yearly basis (i.e. if the date of start of a project is 12.09.20 the first Six Monthly Technical Progress report shall be for the period 12.09.20 to 31.03.21, the next will be from 01.04.20 to 30.09.20 and so on). In addition, the DST may designate a Scientist/ Specialist or an Expert Panel to visit the Institution periodically to review the progress of the work being carried out and to suggest suitable measures to ensure realisation of the objectives of the Project. During the implementation of the Project the Institution will provide all facilities to the visiting scientist/ specialist or the Expert Panel by way of accommodation, etc. at the time of their visit. In case of exceptional circumstances, request for extension for time period must be submitted to DST six months prior to the approved date of completion of the project. On completion of the Project, submit the final statement of Expenditure along with utilization certificate and three hard copies and soft copy of a self-contained Project Completion Report as per DST format.

7. At the time of seeking further instalment of the grant, The Institution/ PI has to furnish the following documents:
  - a) Duly signed **Utilisation Certificate (UC)** for financial year up to 31<sup>st</sup> March (in original or copy if sent earlier) separately for recurring (Grants-in-Aid General) and Non-recurring (Grants for creation of capital assets) for the project as per form GFR (12-A) format.
  - b) An authenticated up-to-date Statement of Expenditure (SE) including Committed Expenditure for the Project for financial year of seeking further instalment as per the DST format.
  - c) Duly signed list of equipment with cost.
8. The grant-in-aid being released is subject to the conditions that
  - (a) a transparent procurement procedure in line with the Provisions of GFR 2017 will be followed by the GI (Grantee Institution) under the appropriate rules of the GI while procuring capital assets sanctioned for the project and a certificate to this effect will be submitted by the GI immediately on receipt of the grant.
  - (b) while submitting Utilization Certificate/Statement of Expenditure, the GI has to ensure submission of supporting documentary evidences with regard to purchase of equipment/capital assets as per the provisions of GFR 2017. Subsequent release of grants under the project shall be considered only on receipt of the said documents.
9. Request for specific approval of the Department to **carry forward** the unutilised grant to the next financial year for utilisation for the same Project, should be sent along with SE & UC, after completion of the financial year.
10. The Grantee Institute will have to enter and upload the Utilization Certificate in the PFMS portal besides sending it in physical form to this Division. The subsequent/final instalment will be released only after confirmation of the acceptance of the UC by the Division and entry of previous Utilization Certificate in the PFMS. The GI should employ EAT module in PFMS.
11. **The Comptroller & Auditor General of India, at his discretion, shall have the right of access to the books and accounts of the Institution maintained in respect of the grant received from the Government of India.**
12. The organization will maintain separate audited account for the project individually for recurring and non-recurring and the entire amount of grant will be kept in an interest bearing bank account. All interests and other earnings, against released Grant shall be remitted to Consolidated Fund of India (through Non-Tax Receipt Portal (NTRP), i.e., [www.Bharatkosh.gov.in](http://www.Bharatkosh.gov.in)), immediately after finalization of accounts, as it shall not be adjusted towards future release of grant. A certificate to this effect shall have to be submitted along with Statement of Expenditure/Utilization Certificate for considering subsequent release of grant/closure of project accounts.
13. The Institution will not entrust the implementation of the work (except the out-sourced part as approved) for which the grant is being sanctioned to any other institution nor will it divert the grant receipts to other institutions as assistance. In case the Institution is not in a position to implement or complete the Project, it should refund back to the DST the entire grant received by it or the balance grant thru **Bharatkosh Portal**.
14. Pis/grantee organizations will ensure that procurement process in such cases are completed within the same financial year as specified in the sanction, provided that grant is released at least 8 Months prior to the close of financial year. Carry forward of such capital grant will be permitted only for Immediate succeeding financial year with the approval of DST only.

15. PIs / Institute must ensure that all interest gained on unspent balance in both heads will be deposited to Government of India account in bharatkosh by using link( [www.bharatkosh.gov.in](http://www.bharatkosh.gov.in) ) before issuing UC/SE for releasing of next Installment.
16. In no case inter head expenditure will permitted and PIs/Institute must ensure be adhere to make expenditure accordingly as per sanction issued.
17. All the personnel including Research personnel appointed under the project, for the full/ part duration of the project, are to be treated as temporary employees and will be governed by the Administrative rules/ service conditions (for leave, TA/DA etc) of the implementing Institute. They are not to be treated as employees of the Government of India and the DST will have no liability, whatsoever, for the project staff after the completion of the Project duration. For the expeditious implementation of the research Project, the PI will take the assistance of the Institution in the process of selection and appointment of staff and payment to them. Scale and emoluments for the posts not covered under DST's OM are governed by the norms prevalent in the implementing Institution or as agreed upon in consultation with the DST.
18. **The DST reserves the right to terminate the project at any stage if it is convinced that the grant has not been properly utilised or satisfactory progress is not being made.**
19. **The Project becomes operative with effect from the date on which the ECS/Draft/ Cheque is received by the implementing Institution. This date should be intimated by the Institution authorities/ Principal Investigator to the DST. It will, in no case be later than one month after the receipt of the draft/ cheque by the Institution.**
20. If the Principal Investigator (PI) to whom a grant for a project has been sanctioned wishes to leave the Institution where the project is based, the PI/Institution will inform the DST of the same at least 6 months before in advance with suitable justification and reasons and in consultation with the DST, evolve steps to ensure successful completion of the Project, before the PI is relieved.
21. The data pertaining to the project should be systematically collected, scientifically documented and submitted to DST which later would be placed in public domain. This clause would not be applicable for the projects where legal protection of the know-how generated is felt necessary.
22. Due acknowledgement of technical support/financial assistance resulting from this project grant should mandatorily be highlighted by the GI in bold letters in all technical / scientific publications, media releases as well as in the opening paragraphs of their Annual Reports during and after the completion of the project. Investigators are expected to publish some of the research papers emerging out of the Project work in leading Indian Journals.
23. If the results of research are to be legally protected, the results should not be published without securing legal protection for the research results. For Projects identified to have a distinct potential for generating know-how, in the form of product/ process, that could be protected through patenting, copyrights etc.
24. Grantee institution / organization shall abide by the provisions of the GFR 2017 or any other financial rules prevailed from time to time.

PROFORMA-I

**Bio-Data of Principal Investigator(s) (PI), Co-Principal Investigator(s) (Co PI) and Coordinating Investigator of each partner Institution  
(Please be brief and follow the format)**

1. Name
2. Gender
3. Date of Birth
4. E-mail ID
5. Qualifications

S. No.	Degree	Institution	Year	Division/Class

6. Employment Experience

S. No.	Position & Organisation	Nature of Job	Period

7. Selected List of Ten Best Publications (*relevant to the proposed project*)
8. Patents filed/Granted with details (*relevant to the proposed project*)
9. Books Published /Chapters contributed (*relevant to the proposed project*)
10. Sponsored Research Projects (last five years)

S. No	Title	Sponsoring Agency and Officer Concerned	Period	Amount	Achievements

- a. Consultancy Projects (*last five years*)

S.No	Title	Sponsoring Agency	Period	Amount

- b. Sponsored Research/Consultancy Projects submitted for approval

S.No.	Title	Funding Agency	Duration	Amount

11. Awards and Honours:
  - A. National list
  - B. International list:
12. Technologies Developed / Transferred: (*Please provide details of technologies transferred to industry, technology commercialized*)

Date

(Signature of PI)

## CERTIFICATE FROM THE INVESTIGATOR(S)

### Project Title:

1. I/We have carefully read the terms and conditions and guidelines of the **ACT-Third Call-2020** and I/We agree to abide by them.
2. I/We have not submitted this or a similar Project proposal elsewhere for financial support.
3. I/We have explored and ensured that the equipment and the basic facilities described in the Research Proposal, will actually be available as and when required for the purpose of the Project. I/We shall not request financial support under this project, for procurement of these items.
4. I/We undertake that spare or idle capacity of the permanent equipment procured under the project will be made available to other legitimate users from parent and other organizations.
5. I/We have enclosed the following:
  - A Endorsement from the Heads of the Institution  
(on letter head)
  - B Undertaking from the Collaborator(s)  
(on letter head)
  - C Complete Project Proposal with all enclosures

Date

Place

**Name(s) and Signature(s) of the Investigators\***  
(\* To be signed by PI and Co-PI of each Participating Institution)

**ENDORSEMENT FROM THE HEAD OF THE ORGANISATION**

*(To be typed on the letter-head of the organization)*

(To be provided by each of the participating Institutions)

**Project Title:**

- 1 Certified that the organization welcomes the participation of Dr/Mr/Mrs .....as the PI and Dr/Mr/Mrs.....as the Co-PI for the project and that in the unforeseen and legitimate event of discontinuation by the PI, the Co-PI will assume full responsibility for completion of the project. Information to this effect, endorsed by me, will be promptly sent to the DST
- 2 Certified that the equipment, other basic facilities and other administrative facilities as per the terms and conditions of the award of the Project, will be extended to the investigator(s) throughout the duration of the project
- 3 The Organization shall ensure that financial and purchase procedures are followed as per the prevailing norms of the organization, within the allocated budget.
- 4 The Organisation shall provide timely the Statement of Expenditure and the Utilisation Certificate of the grant as required by the DST in the prescribed format.
- 5 **The grant for the proposal, if approved, the funds shall be transferred to following organization account:**

1	Name of A/c holder (as per Bank record)	
2	Bank Account No.	
3	Bank Branch Name & Address	
4	MICR Code	
5	IFSC Code	
6	E-mail (Agency /PI)	
7	Mobile No. (Agency/PI)	
8	Unique agency code*	

\* As per the extant guidelines of Govt. of India, institutes are requested to register f on PFMS website and inform unique agency code to facilitate the electronic fund transfer.  
{website link-<https://pfms.nic.in/Users/LoginDetails/Login.aspx>}.

(Head of the Institute)

Seal/Stamp

Date

Place



**Endorsement from collaborating Industry/ Agency (if any)**

*(On the official letter head)*

I have gone through the Project proposal entitled..... submitted by .....(Name of PI) ...of.....(Name of the Institute) for DST funding and noted the obligations and responsibilities indicated in our name which are as below :

1. Contribution in financial terms (*mention amount in Rs.*)
2. Contribution in kind (*list activities*)

I hereby affirm that my organization/ industry is committed to participate in the Project to the full extent as indicated including financial liabilities accruing therefrom as detailed above. A brief profile of my organization is summarised below:

- a) Name of Organization
- b) Line of Business/ Major Products
- c) No. of employees
- d) Evidence of required expertise and capacity to technically, contribute to the proposed project
- e) Year of Incorporation (kindly attached Certificate of Incorporation)
- f) GST Number

The **Annual Report for the last three financial year** is enclosed.

**(Head of the Organisation)**  
Seal/Stamp

**Date**

**Place**

**DEPARTMENT OF SCIENCE AND TECHNOLOGY**  
**POLICY ON CONFLICT OF INTEREST**  
**FOR APPLICANT**

Issues of Conflicts of Interest and ethics in scientific research and research management have assumed greater prominence, given the larger share of Government funding in the country's R & D scenario. The following policy pertaining to general aspects of Conflicts of Interest and code of ethics, are objective measures that is intended to protect the integrity of the decision making processes and minimize biasness. The policy aims to sustain transparency, increase accountability in funding mechanisms and provide assurance to the general public that processes followed in award of grants are fair and non-discriminatory. The Policy aims to avoid all forms of bias by following a system that is fair, transparent and free from all influence/ unprejudiced dealings, prior to, during and subsequent to the currency of the programme to be entered into with a view to enable public to abstain from bribing or any corrupt practice in order to secure the award by providing assurance to them that their competitors will also refrain from bribing and other corrupt practice and the decision makers will commit to prevent corruption, in any form, by their officials by following transparent procedures. This will also ensure a global acceptance of the decision making process adopted by DST.

**Definition of Conflict of Interest:**

Conflict of Interest means "any interest which could significantly prejudice an individual's objectivity in the decision making process, thereby creating an unfair competitive advantage for the individual or to the organization which he/she represents". The Conflict of Interest also encompasses situations where an individual, in contravention to the accepted norms and ethics, could exploit his/her obligatory duties for personal benefits.

**1. Coverage of the Policy:**

- a) The provisions of the policy shall be followed by persons applying for and receiving funding from DST, Reviewers of the proposal and Members of Expert Committees and Programme Advisory Committees. The provisions of the policy will also be applicable on all individuals including Officers of DST connected directly or indirectly or through intermediaries and Committees involved in evaluation of proposals and subsequent decision making process.
- b) This policy aims to minimize aspects that may constitute actual Conflict of Interests, apparent Conflict of Interests and potential Conflict of Interests in the funding mechanisms that are presently being operated by DST. The policy also aims to cover, although not limited to, Conflict of interests that are Financial (gains from the outcomes of the proposal or award), Personal (association of relative / Family members) and Institutional (Colleagues, Collaborators, Employer, persons associated in a professional career of an individual such as Ph.D. supervisor etc.)

## 2. **Specifications as to what constitutes Conflict of Interest.**

Any of the following specifications (non-exhaustive list) imply Conflict of Interest if,

- (i) Due to any reason by which the Reviewer/Committee Member cannot deliver fair and objective assessment of the proposal.
- (ii) The applicant is a directly relative# or family member (including but not limited to spouse, child, sibling, parent) or personal friend of the individual involved in the decision making process or alternatively, if any relative of an Officer directly involved in any decision making process / has influenced interest/ stake in the applicant's form etc.
- (iii) The applicant for the grant/award is an employee or employer of an individual involved in the process as a Reviewer or Committee Member; or if the applicant to the grant/award has had an employer-employee relationship in the past three years with that individual.
- (iv) The applicant to the grant/award belongs to the same Department as that of the Reviewer/Committee Member.
- (v) The Reviewer/Committee Member is a Head of an Organization from where the applicant is employed.
- (vi) The Reviewer /Committee Member is or was, associated in the professional career of the applicant (such as Ph.D. supervisor, Mentor, present Collaborator etc.)
- (vii) The Reviewer/Committee Member is involved in the preparation of the research proposal submitted by the applicant.
- (viii) The applicant has joint research publications with the Reviewer/Committee Member in the last three years.
- (ix) The applicant/Reviewer/Committee Member, in contravention to the accepted norms and ethics followed in scientific research has a direct/indirect financial interest in the outcomes of the proposal.
- (x) The Reviewer/Committee Member stands to gain personally should the submitted proposal be accepted or rejected.

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# The Term "Relative" for this purpose would be referred in section 6 of Companies Act,1956.

## 3. **Regulation:**

The DST shall strive to avoid conflict of interest in its funding mechanisms to the maximum extent possible. Self-regulatory mode is however recommended for stake holders involved in scientific research and research management, on issues pertaining to Conflict of Interest and scientific ethics. Any disclosure pertaining to the same must be made voluntarily by the applicant/Reviewer/Committee Member.

## 4. **Confidentiality:**

The Reviewers and the Members of the Committee shall safeguard the confidentiality of all discussions and decisions taken during the process and shall refrain from discussing the same with any applicant or a third party, unless the Committee recommends otherwise and records for doing so.

5. **Code of Conduct**

- (a) The applicant must refrain from suggesting referees with potential Conflict of Interest that may arise due to the factors mentioned in the specifications described above in Point No. 2.
- (b) The applicant may mention the names of individuals to whom the submitted proposal should not be sent for refereeing, clearly indicating the reasons for the same.

6. **Final Appellate authority:**

Secretary, DST shall be the appellate authority in issues pertaining to conflict of interest and issues concerning the decision making process. The decision of Secretary, DST in these issues shall be final and binding.

7. **Declaration**

**I have read the above “Policy on Conflict of Interest” of the DST applicable to Applicant and agree to abide by provisions thereof.**

I hereby declare that I have no conflict of interest of any form pertaining to the proposed grant \*

I hereby declare that I have conflict of interest of any form pertaining to the proposed grant \*

\* & # (Tick whichever is applicable)

(Name /Signature with date)