

## Alberta/Canada Region – Emissions Reduction Alberta [ERA]

### a) National/Regional information and eligibility criteria

<b>Contact Point</b>	<p>Sanah Dar (Manager – Main Contact) TEL: +1 780-429-9327 Email: <a href="mailto:sdar@eralberta.ca">sdar@eralberta.ca</a></p> <p>Christophe Owtrim (Executive Director, Technology and Innovation) TEL: +1 780-423-7762 Email: <a href="mailto:cowtrim@eralberta.ca">cowtrim@eralberta.ca</a></p>
<b>Funding commitment</b>	<p>Total ERA funding envelope is <b>\$3 million CAD</b> (~€2 million at current exchange rate). The indicative budget for the following areas is:</p> <ul style="list-style-type: none"> <li>• <i>\$1 million CAD</i> is allocated to <b>CCUS</b>, <i>\$1 million CAD</i> is allocated to <b>Hydrogen and Renewable Fuels</b>, and <i>\$1 million CAD</i> is allocated to <b>Geothermal Energy technologies</b>.</li> </ul> <p>ERA in its sole discretion reserves the right to modify the total funding available under this Call.</p>
<b>Anticipated number of projects to be funded</b>	<p>Approximately 5-7 anticipated. No minimum or maximum specified.</p>
<b>Maximum funding per awarded project/per partner</b>	<p><b>\$1 million CAD</b> (~€0.66 million at current exchange rate) per project. ERA in its sole discretion reserves the right to modify the maximum funding awarded per project.</p>
<b>Eligible types of organisations</b>	<p>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&amp;D) organizations, universities, municipalities, not-for-profit organizations, government research labs, and individuals.</p>
<b>Eligible Call Modules</b>	<p>All focus areas mentioned in the CETP Joint Call 2023 guidelines for Modules 4, 5 and 7 are eligible for Alberta/Canada. However, the following areas for CCUS &amp; Hydrogen are <b>NOT</b> eligible for Canada/Alberta region:</p> <ul style="list-style-type: none"> <li>• Acid gas injection</li> <li>• Offshore storage</li> <li>• Projects whose primary focus is point-to-point transportation or sequestration elements.</li> </ul> <p>For all focus areas, ERA funding will NOT be provided to projects whose primary focus is commercially proven technologies/processes, activities assessed to be business-as-usual, or to address only financial barriers.</p>
<b>Eligible types of RDI and TRL</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>
<b>Submission of proposal /documentation at national/regional level</b>	<p>In addition to the CETP Joint Call 2023 proposal, ERA may require applicants, during the <u>full proposal stage</u> ONLY, to provide supplemental information to support due diligence and portfolio reporting. This information may include detailed budget information, financial report(s), an extended Greenhouse Gas benefits analysis, and/or additional information on the specific alignment with the Alberta market. Supplemental information relates to both the overall project and the component of the project based in Alberta. The final document for the Supplemental Information must be no more than 20 pages in length excluding appendices. Financial reporting will be required for the Alberta-based partner(s) on the project and is mandatory for the project partner that will receive funding from ERA. The <b>Supplemental Information document, budget sheet and appendices must be submitted via email to ERA Applications at <a href="mailto:applications@eralberta.ca">applications@eralberta.ca</a>.</b></p>

<p><b>Additional eligibility criteria</b></p>	<p>Applicants are NOT required to be located in Alberta, but all applicants must demonstrate a clear value proposition for the province. Applicants must demonstrate how the proposed technology or application thereof is an innovative solution for emissions reduction in Alberta.</p>
<p><b>Eligible costs</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. Applicants must justify the amount of funding requested.</p> <p>For information about eligible expenses and costs, please refer to the <i>ERA Eligible Expenses and Cost Instructions</i> document available at <a href="https://erims.outcome-plus.com/Content/Files/ERIMS/Files/ERA%20Eligible%20Expenses%20and%20Cost%20Instructions_November%202021.pdf">https://erims.outcome-plus.com/Content/Files/ERIMS/Files/ERA%20Eligible%20Expenses%20and%20Cost%20Instructions_November%202021.pdf</a>.</p>
<p><b>Information available at</b></p>	<p><a href="https://eralberta.ca">https://eralberta.ca</a></p>

<p>Other</p>	<p>Alberta is home to the <b>Alberta Carbon Conversion Technology Centre (ACCTC)</b>, 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> <p><b>Hydrogen Centre of Excellence (HCOE)</b> is led by Alberta Innovates, with the applied research and engineering expertise of InnoTech Alberta and C-FER Technologies. The HCOE is a funding program, testing and service facility, and forum for facilitating partnerships to de-risk hydrogen technology development. Applicants may reach out to the HCOE for assistance with developing partnerships in the hydrogen community. See <a href="https://albertainnovates.ca/programs/hydrogen-centre-of-excellence/">https://albertainnovates.ca/programs/hydrogen-centre-of-excellence/</a> for more information.</p> <p><b>InnoTech Alberta</b> has a set of services for hydrogen production, infrastructure, and end-use applications. Applicants are encouraged to consider the expertise or facilities needed for testing hydrogen technologies at InnoTech Alberta. See <a href="https://innotechalberta.ca/services/hydrogen/">https://innotechalberta.ca/services/hydrogen/</a> for more information.</p> <p><b>C-FER Technologies</b> has a collection of services for hydrogen &amp; CO2 pipeline integrity, hydrogen &amp; CO2 underground storage, and ensuring hydrogen &amp; CO2 can be transported and used safely. Applicants are encouraged to consider the expertise or facilities needed for testing hydrogen and CO2 technologies at C-FER Technologies. See <a href="https://www.cfertech.com/hydrogen/">https://www.cfertech.com/hydrogen/</a> for more information.</p> <p>The <b>Canadian CCUS Research &amp; Technology Network</b> is a network of organizations that provide expertise with facilities and equipment to help demonstrate, scale, and validate technologies in CCUS, and provide lab and business support. See <a href="https://cmcghg.com/facilities-activities/canadian-ccus-research-and-technology-network/">https://cmcghg.com/facilities-activities/canadian-ccus-research-and-technology-network/</a> for more information.</p> <p>The <b>International CCS Knowledge Centre</b> (Knowledge Centre) offers insight into practical CCS deployment considerations. It is dedicated to advancing the understanding and use of a large-scale CCS/CCU as a means of managing GHG (greenhouse gas) emissions. Applicants may engage with the Knowledge Centre for assistance with proposal development or project delivery at their own expense. See <a href="https://ccsknowledge.com">https://ccsknowledge.com</a> for more information.</p> <p>The <b>CCUS Investment Tax Credit</b> incentivizes expansion of CCUS</p>
--------------	--

b) Funding rates

Maximum funding percentages:

	<b>Basic research</b>	<b>Industrial/Applied Research</b>	<b>Experimental development/innovation</b>
<b>Large Enterprises</b>	-	-	-
<b>Medium Enterprises</b>	-	-	-
<b>Small Enterprises</b>	-	-	-
<b>Universities, public research organisations</b>	-	-	-
<b>Public authorities</b>	-	-	-
<b>Associations without economic activities, NGOs</b>	-	-	-