

# HUB DEVELOPMENT PLAN

Hub Development Plan Template		
S. No.	Criteria	Updates and Changes
<b>1.0 – General Overview</b>		
<b>1.1</b>	<b>Summary Update</b>	<i>In the template, provide a summary of changes/updates detailed in the sections below. Updates should capture any changes that have occurred from the proposal that was submitted as part of the RFPP process.</i>
<b>2.0 – Business Model</b>		
<b>2.1</b>	<b>Economic Analysis</b>	<p><i>Provide an update on the project life cycle economics. (This may include information such as assumptions on initial/sustaining capital cost segregated between capture/transportation/sequestration, along with related, operating cost, reclamation costs, maintenance costs, cash flow, grants, and revenue generation including scenario analysis.)</i></p> <p><i>Must include estimates for Capital Efficiency (estimated capital cost for the injection and storage facility divided by the annual injection capacity, in dollars per tonne) and Operating Efficiency (estimated operating cost for the injection and storage facility divided by the annual injection capacity, in dollars per tonne). <b>*Please ensure to include data in the Economic Evaluation Template provided.</b></i></p> <p><i>Provide clear delineation between all phases of the project over time, and which components are for future capacity considerations. General data disclosures on number of injection/abandoned wells and capacities/distances of infrastructure such sequestration and pipelines facilities.</i></p> <p><b><i>*A Class 3 cost estimate is required in accordance with international standards (ACE International Recommended Practice No. 18R-97).</i></b></p>
<b>2.2</b>	<b>Financing</b>	<p><i>Provide an update of any changes to Agreement Holder’s financial capability, past financial performances over the previous three (3) years. Also, an overview of all current ongoing business activities of entities comprising the proponent that may be relevant <b>*Must include Audited Financial Statements.</b> for the successful execution of its project.</i></p> <p><i>Provide an update on the proposed financing arrangements for the project, including the status of all such arrangements and the proponent’s expectation regarding probability and amount of funding.</i></p>

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<b>2.3</b>	<b>Commercial Strategy</b>	<p>Provide an update on commercial strategy and/or business plan. This may include the approach to setting reasonable service rates for clients, soliciting and accepting additional tonnes of CO2.</p> <p>Provide an update on the annual tonnes of CO2 (for each phase, where applicable) the project has secured, either through an anchoring project or agreement/s with third-party emitters such as:</p> <ul style="list-style-type: none"> <li>• a non-binding Letter of Intent (LOI);</li> <li>• a Memorandum of Understanding (MOU); or</li> <li>• a contract.</li> </ul> <p>Provide a summary of ranges on tolls and service fees for all options available to third party emitters.</p> <p>Provide any JV governance and operating framework descriptions and cost/revenue allocation arrangements</p> <p><b>*Please include data in the Economic Evaluation Template provided.</b></p>
<b>3.0 – Engagement with Indigenous Communities</b>		
<b>3.1</b>	<b>Benefits to Indigenous Communities</b>	<p>Provide an update on the engagement to date and any update on how the project will benefit First Nations, Metis communities, and Indigenous Albertans (e.g., incorporate or enable participation of Indigenous communities within the context of skills training, employment, business development, community investment, private sector partnerships, and major project participation).</p>
<b>3.2</b>	<b>Engagement Plan</b>	<p>Provide an update on any public and Aboriginal engagement that has taken place to date toward building awareness and safeguarding public confidence in CCS. Provide an understanding of how this fits into your companies overall Environment Social Governance standards.</p>
<b>4.0 - Project Configuration and Execution</b>		
<b>4.1</b>	<b>Project Execution</b>	<p>Provide an update of the project execution plan with at a Level 1 schedule at a “Defined” maturity. Please ensure to include the tentative dates for FID and COD.</p> <p>Provide the timeframe in which carbon dioxide injection would commence. If a phased approach is being put forward, outline the anticipated timeframes for development of each subsequent phase.</p>
<b>4.2</b>	<b>Project Design Details</b>	<p>Provide an updated copy of the design basis memorandum (DBM), or similar document that shows details for the design and system operation.</p>
<b>5.0 – Technical evidence to support Land Area Requested</b>		
<b>5.1</b>	<b>Project Location</b>	<p>Provide a summary of the project location including land area requested, storage complex and injectivity.</p>

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<b>5.2</b>	<b>Potential Sub-surface Conflicts</b>	<p><i>Based on the evaluation to date, provide an update on any integration or potential conflicts with surface and subsurface operations and known resources (existing and potential) in the identified surface and subsurface areal extent and formation(s) as well as how these conflicts may impact adjacent zones and formations.</i></p> <p><i>Itemize these potential surface (sensitive areas, no access areas, etc.) and subsurface (e.g., existing and potential resource development, disposal / storage activities, mineral ownership, etc.) conflicts and provide mitigation options. Outline the subsurface zone of interest for operations and the proposed stratigraphic interval. Please include an annotated 'type' well log.</i></p> <p><i>*Please provide any data acquired during evaluation to support findings.</i></p>
<b>6.0 – Carbon Credit Management</b>		
<b>6.1</b>	<b>Carbon Credit Management</b>	<p><i>Provide an update on the anticipated approach to generation and management of any carbon credits resulting from the project.</i></p>
<b>7.0 – Insurance Evaluation Criteria</b>		
<b>7.1</b>	<b>Insurance</b>	<p><i>Please provide details regarding the insurance to cover the project.</i></p>