

SDTech_AB Project Intake Evaluation Criteria

Project proposals will be evaluated based on their potential to achieve the goals of SDTech_AB's mandate under the terms of the Government of Alberta's Major Innovation Fund. During the review process, the review committee evaluates all project proposals based on the following criteria. Applicants are encouraged to consider these criteria when developing their proposals. The prompts and instructions found in the project proposal template provide additional detail on the specific considerations within each criterion. This is a competitive process, i.e., proposals are evaluated on their absolute merits as well as in comparison to the set of proposals received. Evaluations are conducted by a team of subject matter experts, overseen by SDTech_AB's review committee. All final funding decisions will be made by SDTech_AB's review Committee.

Note: SDTech_AB intends to fund a diverse portfolio representing a range of technology opportunities of various scales and technology readiness levels and across SDTech_AB's pillars and themes. SDTech_AB reserves the right to utilize programmatic considerations for balance and strategic alignment when selecting proposals for funding.

Evaluation Criteria	Evaluation Scheme
<p>Project Partnerships The proposal should identify any partners involved in the work and the contributions and/or expertise they will bring to the project. Scoring will be based on industry partners who are:</p> <ul style="list-style-type: none"> - Alberta-based, or have a branch/subsidiary in the province - Out of province, but will be establishing a space in Alberta 	<p>Up to 5 points The proposal is supported by limited partnerships and/or partners that are bringing moderate contributions to the project.</p> <p>6-10 points The proposal is supported by diverse partners that bring substantial contributions to the project.</p>
<p>Technology Readiness Level (TRL) of the Proposed Solution The proposal must accurately identify the current TRL of the proposed solution and describe the research and development (R&D) activities that have taken place to advance the proposed solution to the stated TRL. The proposal must include details on the work that will be done to progress TRL during the project.</p>	<p>Pass The proposal provides sufficient and clear evidence to demonstrate the R&D that has taken place to get to the current TRL advance it to the TRL identified in the proposal. The proposal provides a clear and feasible plan to progress to the end-state identified TRL.</p> <p>Fail No information or insufficient information is provided to substantiate the solution's TRL identified in the proposal.</p>

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<p>Alignment with SDTech The proposal must identify which SDTech_AB pillar(s) and theme(s) the project aligns with. The proposal must describe how the proposed solution fits within, and aligns to, the SDTech_AB framework. The proposal must include sufficient Anticipated Project Indicators to justify investment.</p>	<p>Pass The proposal clearly articulates a solution that fits within SDTech_AB priority areas and aligns with SDTech_AB. Anticipated Project Indicators are reasonable given the scope of the proposed project.</p> <p>Fail No information or insufficient information is provided to describe how the proposed solution aligns with SDTech_AB. Anticipated Project Indicators are insufficient to justify investment.</p> <p><i>or</i> The proposed solution does not align with SDTech_AB.</p>
<p>Scientific and/or Technical (S/T) Merit of Proposed Solution The proposal should describe how the proposed solution is scientifically and/or technically sound and based on state-of-the-art thinking and practice within the methodological field of the challenge by:</p> <p>a) Justifying how the proposed solution is supported by sound and logical S/T evidence; and</p> <p>b) Justifying how the S/T concepts of the proposed solution are based on state-of-the-art thinking and practice in the relevant methodological area.</p>	<p>Up to 5 points The proposal has provided sufficient and clear information that the solution meets one of the two sub-criteria.</p> <p>6-10 points The proposal has provided sufficient and clear information that the solution meets both sub-criteria.</p>
<p>Novel and Innovative Solution The proposal should describe how the proposed solution is novel and innovative over existing solutions by:</p> <p>a) Justifying how there will be new knowledge, science and/or technology improvements integrated into the work of the proposed solution. These include novel concepts, approaches or methodologies, tools, or technologies;</p>	<p>Up to 5 points The proposal has provided sufficient and clear information that the solution meets one of the three sub-criteria.</p> <p>6-15 points The proposal has provided sufficient and clear information that the solution meets two of the three sub-criteria.</p> <p>16-20 points</p>

Evaluation Criteria

<p>b) Justifying how there will be enhanced capabilities and/or improved efficiencies created over current state-of-the-art and existing solutions; and</p> <p>c) Justifying how the proposed solution has future potential to lead in creating new knowledge and/or technology enhancement over existing solutions.</p>	<p>The proposal has provided sufficient and clear information that the solution meets all three sub-criteria.</p>
<p>Impact of Proposed Solution The proposal should describe how the proposed solution will create an impact in the relevant field by:</p> <p>a) Justifying how the proposed solution will help in solving a gap or critical barrier.</p> <p>b) Justifying how the proposed solution will enhance the development of scientific and/or technical capability.</p> <p>c) Justifying how the proposed solution will mature the concepts, methods or technologies that drive the relevant field.</p>	<p>Up to 5 points The proposal has provided sufficient and clear information that the solution meets one of the three sub-criteria.</p> <p>6-15 points The proposal has provided sufficient and clear information that the solution meets two of the three sub-criteria.</p> <p>16-20 points The proposal has provided sufficient and clear information that the solution meets all three sub-criteria.</p>
<p>Feasibility and Approach of Proposed Solution The proposals should describe the feasibility and the approach of the proposed solution by:</p> <p>a) Justifying how the proposed solution is applicable and could be accomplished in practice within the relevant field within the proposed budget and timeline;</p> <p>b) Justifying how the approach is adequately developed, well-reasoned and appropriate; and</p> <p>c) Identifying risks and providing appropriate mitigation plan(s) to address them or any uncertainties that may impact the feasibility of the work plan.</p>	<p>Up to 5 points The proposal has provided sufficient and clear information that the solution meets one of the three sub-criteria.</p> <p>6-15 points The proposal has provided sufficient and clear information that the solution meets two of the three sub-criteria.</p> <p>16-20 points The proposal has provided sufficient and clear information that the solution meets all three sub-criteria.</p>

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<p>Additional Feedback: Provide any additional constructive feedback about this submitted application that will support the project proposal review.</p>	
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