

## Summary of recommendations and suggested approaches

<p><b>STRATEGIC DIRECTION 1:</b></p> <p><b>Ensure the development and sustainability of Quebec’s AI academic research hub</b></p>	<p><b>Recommendation 1: Attract researchers</b></p> <ul style="list-style-type: none"> <li>Support the development of the MILA – Quebec Artificial Intelligence Institute</li> <li>Create excellence chairs by sector</li> <li>Support the creation of academic positions (universities)</li> <li>Set up a permanent chair program</li> <li>Support the recruitment of university researchers</li> <li>Support the recruitment of professors/researchers within the college network</li> <li>Add AI professors and researchers to “Volet talents mondiaux” professions list</li> </ul> <p><b>Recommendation 2: Attract master’s and doctoral students</b></p> <ul style="list-style-type: none"> <li>Increase the visibility of research opportunities in AI and related fields</li> <li>Increase financing for master’s and doctoral</li> <li>Increase foreign student retention programs</li> </ul>
<p><b>STRATEGIC DIRECTION 2:</b></p> <p><b>Develop digital science talents to meet Quebec’s needs</b></p>	<p><b>Recommendation 3: Develop and maintain a “talent watch”</b></p> <ul style="list-style-type: none"> <li>Implement and roll out a “talent watch”</li> </ul> <p><b>Recommendation 4: Support the updating of training offerings</b></p> <ul style="list-style-type: none"> <li>Support for the creation and modification of programs (does not include future online courses)</li> <li>Simplify and speed up government approval of training programs educational institutions propose</li> </ul> <p><b>Recommendation 5: Promote mathematical literacy and the democratization of science</b></p> <ul style="list-style-type: none"> <li>Set up an organization to coordinate and promote the striking force across Quebec</li> </ul>
<p><b>STRATEGIC DIRECTION 3:</b></p> <p><b>Accelerate the development and adoption of AI solutions within Quebec’s economic fabric</b></p>	<p><b>Recommendation 6: Support AI design businesses</b></p> <ul style="list-style-type: none"> <li>Create data trusts</li> <li>Provide start-ups with priority access to Calcul Québec and Compute Canada</li> <li>Subsidize partnerships between start-ups and private enterprise</li> <li>Review the government’s strategic procurement mode à</li> <li>Implement marketing tax credits or funding programs</li> </ul> <p><b>Recommendation 7: Support future private sector AI users</b></p> <ul style="list-style-type: none"> <li>Modernize the selected intermediary organizations</li> <li>Support intermediaries in implementing consulting teams</li> <li>Set up sector-specific AI shift coaching programs</li> <li>Consider consolidating many technology transfer sector organizations into an applied research institute</li> </ul> <p><b>Recommendation 8: Government and Crown corporations as model AI users</b></p> <ul style="list-style-type: none"> <li>Implement the action plan on AI solution adoption within the government apparatus</li> <li>Modernize regulations regarding the use of public data</li> </ul>
<p><b>STRATEGIC DIRECTION 4:</b></p> <p><b>Develop an international responsible AI and AI impact analysis hub in Quebec</b></p>	<p><b>Recommendation 9: Sustainability of mobilization efforts regarding responsible AI</b></p> <ul style="list-style-type: none"> <li>Creation of an observatory on responsible AI development and AI impact</li> <li>Position Quebec as an international leader in responsible AI</li> </ul>
<p><b>STRATEGIC DIRECTION 5:</b></p> <p><b>Advance the development of ecosystem support structures</b></p>	<p><b>Recommendation 10: Access to computing power and computational expertise</b></p> <ul style="list-style-type: none"> <li>Support the development of Calcul Québec</li> </ul> <p><b>Recommendation 11: Creation of a permanent AI.Quebec administrative body</b></p> <ul style="list-style-type: none"> <li>Provide financing of AI.Quebec</li> </ul> <p><b>Recommendation 12: Access to information on a common platform</b></p> <ul style="list-style-type: none"> <li>Create the AI.Quebec platform</li> </ul>