

## Drafting an emerging picture

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Community & UN

Regional Centres of Expertise SDG Main: Quality Education (4) , Other: 17, 12

SDG(s):

Date:

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### Instructions:

Using your researched information fill out the flowing comparing the current state of the art with what you think new (software) innovations could bring to the community

Covering the orientations	
Compare the left-hand column of the document “Technology configuration inventory” table with the right-hand column of the document “Community characteristics & orientation” table. What do you notice about the match (or mismatch) between your dominant community orientations and the current configuration of tools?	
How well does the technology inventory cover the orientations? What themes emerged from both the community orientations and the technology configuration from your colleagues’ notes	<p>The <b>RCE SD Awards Hub</b> aims to improve the award showcase system by integrating <b>interactive data visualization and better accessibility</b>. The current platform lists awards in a <b>static format</b>, lacking <b>dynamic engagement and easy navigation</b>.</p> <p>The project will introduce <b>intuitive data presentation</b>, allowing users to <b>explore, track, and understand</b> awards across Saskatchewan. By leveraging modern web technologies, the platform will bridge the gap between <b>data availability and engagement</b>.</p> <p><b>Key Areas of Improvement</b></p> <ul style="list-style-type: none"> <li>• <b>Interactive Mapping &amp; Visualization:</b> Using <b>Leaflet or Google Maps API</b> for dynamic engagement.</li> <li>• <b>Improved Discoverability:</b> Making award information <b>more accessible and searchable</b>.</li> <li>• <b>Better Accessibility:</b> Optimizing for <b>various devices and internet speeds</b>.</li> <li>• <b>Real-time Engagement:</b> Adding <b>feedback tools and discussion features</b>.</li> <li>• <b>Seamless Data Integration:</b> Auto-updating award details from multiple sources.</li> </ul>
<input checked="" type="checkbox"/> Are you almost there? <input type="checkbox"/> Are there big gaps?	
What is the range of skills? If their interests and/or skills are diverse, could it cause conflict or distraction?	The range of skills within the project team includes <b>web development, API integration, data visualization, and project management</b> . Each member brings expertise in different aspects, including <b>WordPress development, JavaScript-based interactivity, and mapping frameworks</b> . While diversity in skills enhances problem-solving and innovation, it may also create <b>coordination challenges</b> . To avoid distractions or conflicts,



<p>...Group tools?</p> <ul style="list-style-type: none"> <li> The interactive map is currently <b>designed for individual exploration</b>, with no direct group collaboration features.</li> <li> Future enhancements could include <b>shared views, team annotations, or the ability to highlight and comment on locations</b> for group discussions.</li> <li> A feature allowing users to <b>save and share customized maps</b> could improve collective decision-making and engagement.</li> </ul>	<p>...Individual tools?</p> <ul style="list-style-type: none"> <li> The map provides <b>on-demand access</b>, allowing users to independently explore award locations and details.</li> <li> Customizable filters and search options ensure a <b>personalized experience</b> tailored to each user's interests.</li> <li> Enhancing <b>data tooltips, historical tracking, and bookmarking features</b> can further support individual users' needs..</li> </ul>
<p>How well does this balance fit your community?</p>	<p>The balance is <b>good but needs improvements:</b></p> <ul style="list-style-type: none"> <li><b>Strengths:</b> Structured content, interactive mapping.</li> <li><b>Gaps:</b> Lacks real-time communication.</li> <li><b>Solution:</b> Add discussion boards, better data sync.</li> </ul>
<p><b>Solution seeking</b></p>	
<p>In the new configuration, do you want your choice of tools to affect the polarities of your community in ways that differ from the current configuration? Which way?</p>	
<p><b>Synchronous</b>  &gt;</p> <p>...New synchronous tools?</p> <ul style="list-style-type: none"> <li> Currently, there are <b>no real-time interactions</b> in the system.</li> <li> Future enhancements include <b>live updates on the interactive map</b>, allowing users to see changes instantly.</li> </ul>	<p>&lt;  <b>Asynchronous</b></p> <p>...New asynchronous tools?</p> <ul style="list-style-type: none"> <li>The <b>interactive map will be updated dynamically</b>, but users will interact with it at their own pace.</li> <li><b>Data synchronization</b> will ensure the latest award locations and details are always available.</li> </ul>
<p><b>Participation</b>  &gt;</p> <p>...New participation tools?</p> <ul style="list-style-type: none"> <li>  Users will engage by <b>exploring the interactive map</b> to find awards by region.</li> <li> Additional features like <b>filters, search functions, and data overlays</b> will improve engagement.</li> </ul>	<p>&lt;  &lt; <b>Reification</b></p> <p>...New reification tools?</p> <ul style="list-style-type: none"> <li> The interactive map will provide <b>structured, well-organized award data</b>.</li> <li> Future improvements could include <b>user-generated content contributions or feedback tools</b></li> </ul>

**Group**

[illegible]

...New group tools?

- 🎬 The interactive map will allow **multiple users to access and explore award data**.
- 🎬 Collaborative features, such as **shared annotations or discussion threads**, may be considered in the future.

[illegible]

## << Individual

...New individual tools?

- 🎬 Users can **customize their map view**, filter results, and save preferences.
- 🎬 Future enhancements may include **personalized dashboards for frequently viewed regions or awards**.

## MVP notes

To ensure a **Minimum Viable Product (MVP)** for the interactive map, the primary focus will be on: To ensure a **Minimum Viable Product (MVP)**, the primary focus will be on:

- **- Developing an interactive map using Leaflet or Google Maps API to display award locations dynamically.** with mapping tools and data visualization features.
- **- Ensuring seamless integration with WordPress for managing award data efficiently.** to allow easy award data management and exploration.
- **- Implementing search and filtering options to help users explore awards by location and category.,** including mobile optimization and offline access for users with low bandwidth.
- **- Optimizing the map for mobile devices to ensure accessibility for all users.,** such as discussion boards and structured feedback mechanisms.
- **- Automating data updates to keep award information current without manual intervention.,** preventing outdated or fragmented award data.

By addressing these key areas, the **RCE SD Awards Hub** will evolve into an **engaging, dynamic, and highly accessible platform** that effectively showcases awards, fosters community collaboration, and provides deeper insights into achievements across Saskatchewan.