

Business case

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Community & UN SDG(s): Regional Centres of Expertise; SDG Main: Quality Education (4) , Other: 17, 12

Date: Feb 10, 2025

Proposed Project	SustainHub
Date Produced	Feb 10, 2025
Background	<p>Sustainable development is essential for creating a better future, but many communities face challenges in accessing, implementing, and educating people about Sustainable Development Goal (SDG)-based projects. While many projects align with the Sustainable Development Goals (SDGs), they frequently lack recognition, collaboration, and funding to scale their impact. Numerous exciting sustainability projects have been developed within different communities, but they are unable to realize their full potential due to limited resources and connections by the community members. Additionally, educating communities about their community projects can raise awareness, inspire participation, and encourage further innovation with individual expertise. By identifying these SDG-focused projects inside a community and directly engaging with project owners can foster partnerships, provide possible funding opportunities, and drive change.</p> <p>The need to bridge these gaps between projects and the community could empower local and global sustainability efforts, ensuring that project solutions receive the support and recognition they need to create a long-lasting impact.</p>
Business Need/ Opportunity	<p>Regional Centres of Expertise (RCE) Saskatchewan is committed to promoting education for sustainable development within the Saskatchewan community and globally. However, to reach their goal's full potential, they require additional support modification to the current process. Currently, RCE recognizes and awards the best SDG-focused projects by showcasing the winners on their website. However, these projects are displayed in a static list format with limited information about the project and project owners. Additionally, the website lacks essential features such as filtering options for awards and categorization of SDG projects. There is no data to visualize components to save searching time. These limitations of the website hinder potential knowledge-sharing, collaboration, awareness, funding, and meaningful engagement for these projects. Therefore, there is an opportunity to address these issues to enhance accessibility, improve visibility for projects, and enable collaboration with</p>



project owners, ultimately driving greater change within the sustainability community.

Options

Potential Options for the project:

Enhanced Accessibility: Create a centralized platform to easily explore and access information about various awards across Saskatchewan, fostering greater awareness and participation.

Data Visualization: The interactive map will provide a visual and user-friendly interface way to explore award locations, making it easier for users to identify regional trends and opportunities.

Technology Options:

(1.1) Modification of current website (WordPress)

- Mapping plugins
- Data exchange plugins
- One platform for awards and RCE information

(1.2) Web Stack

- Easy modification of future user requirements

Cost-Benefit Analysis

Community Benefit Analysis

- Improvement of Awareness and Education:
 - Projects can bring positive impact in the communities and the improved platform can provide better education about the community.
- Better Collaboration
 - Dynamic mapping of projects and locations can create collaboration ideas
- Improved Projects Pages
 - Provide better project background, description, project process, etc.

Cost-Benefit Analysis of Project Options

	WordPress	Web Stack
Benefit	<ul style="list-style-type: none"> • One centralized platform • Open Source • Resources Available for help • Security built-in Plugins 	<ul style="list-style-type: none"> • Project Scaling • Open Source • Team Knowledge Expertise • Time management with a project deadline
Cost	<ul style="list-style-type: none"> • Limitation with Plug-ins • Time constraints with a project deadline 	<ul style="list-style-type: none"> • Maintaining the site • Security problem. • Additional website for RCE • Recovers a level of expertise in hosting and running the site

Recommendation

Start with WordPress

- Explore plugins
- create custom plugins
- evaluate the process and progress

Utilize a web stack if progress is at its minimum