Why you should be part of the Vermillion web platform

The next generation in technology-enabled research and collaboration for sustainability

An initiative of Vermillion Professional Network to advance innovation in sustainability

Vermillion

It's time.

Vermillion is fine-tuning a robust web platform to aggregate, federate, and connect sustainability data, information and practitioners.

We will enable users to access, mashup, analyze, model and interpret people/planet/prosperity data, information, issues and opportunities—catalyzing whatever innovations may come from the knowledge.

We will enable users to find each other based on a plurality of factors, so they can pool resources, reduce costs and streamline innovation.

By combining tools to find information *and* subject-specific experts, we will spur new levels of cooperation and consensus around sustainability questions.

We envision a day when nobody ever needs to go it alone.

Turn the page to discover the tools that *already work*.

And stay tuned for more. We're currently developing and quality assurance testing a number of other cool features.

Use interactive research and simulation tools at a distance

One of our platform's key features in the ability to deliver interactive, graphical simulation tools through an ordinary web browser.

You can now see data visualizations around the world—*and on demand.* It's all about streamlining decision making and innovation.

Unlike a portal, you can zoom in on a graph, rotate 3-D drawings, simulate impacts, and do all this without having to wait for web pages to refresh or batch jobs to engage.

You can also deploy your own tools without having to rewrite special code for the web. Any tool with a graphical user interface (GUI) can be installed and deployed within a few hours. For legacy codes without a GUI, we can create one quickly.

We can also host a number of *established research tools.* We have access to a range of open source modules that have been created and tested by university researchers in an extended community.

We all benefit from leveraging these tools.

Increase reliability through ratings, citations and meta tags

As the community grows, new search tools and meta tags should attract relevant content and project opportunities at an unprecedented pace.

Our philosophy is neutrality.

To that end, our systems are being refined to help regional and subject-specific experts seek common ground, resolve contradictions, deepen roots and cooperate towards common objectives.

After that, we generally let their findings and ratings curate the content for release to media and the public.

Users can post ratings and comments for each resource. They can also post citations. Over time, these combine with web stats to produce rankings.

Resources with the highest rankings will appear at the top of search results.

So unlike conventional search engines, at the Vermillion websites, quality and reliability will trump popularity. And we'll work to ensure that media, educators and the public know that.

Tagging content according to subjects, *and participants in terms of interests,* helps you connect with the right people and materials.

To minimize arbitrary and redundant tags, each one gets its own page where its meaning is defined and its resources are listed.

For example, the tag "kinetic batteries" might help users find all tools, seminars, and tutorials related to chips and devices that store power for the products they are embedded within as they move around. Another tag "K-12" might help educators find age-appropriate content.

Other Features

You expect to find wikis & blogs. You got it.

Once you've established a topic page, others can suggest changes. Authors are notified of suggested changes. The changes can then be incorporated, and the new contributors can be added as co-authors for the page, so they can make further changes without approval.

The ownership of the page can also given to entire communities, so anyone can make changes without approval, in a wiki-like manner.

You expect to see usage metrics. You bet.

Reporting to stakeholders?

Want to know how many people from industry have used your tool or downloaded your paper?

We can do that for you—and in finer detail than other platforms.

You want to post news and events. Done.

We're building creative new ways to circulate details to select groups or to everyone.

And you want to give feedback and make suggestions. We're all ears.

You can even post poll questions in a growing number of Vermillion communities.

Vermillion is fine-tuning a web platform to aggregate, federate, and connect sustainability data, information and practitioners.

We enable users to interpret people/planet/prosperity data, issues and opportunities—catalyzing whatever innovations may come from the knowledge.

We enable users to pool resources, reduce costs and streamline innovation—spurring new levels of consensus around sustainability questions.

And finally, we envision a day when nobody ever needs to go it alone. Our movement is fueled by people like you who are committed to accelerating innovation in sustainability.

Please join us.

Vermillion Communities Incorporated
403.781.6606
innovate@vermillionprofessionalnetwork.org

100, 111–5 Ave SW
Calgary, AB Canada T2P 3Y6

Vermillion

www.vermillionprofessionalnetwork.org