



# Drafting an emerging picture

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Community & UN SDG(s): Earth Wells (Those who have or need knowledge about natural water filters), Clean

Water & Salination (UN SDG #6)

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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

Very poorly, only comment sections to really facilitate communication, but most don't have these especially research papers. So community is way too spread out for any good communication and collaboration to take place. There are some Facebook groups but those are mainly geared towards raising awareness about clean water in general and not geared towards solution discussion.

- ☐ Are you almost there?
- $\boxtimes$  Are there big gaps?

Need few, not many, platforms to make community feel like there is one specific place to gather. The gap is that the users have to cross way to many boundaries to get useful real life applicable information. Earth Wells is meant to be the application a user comes to when they need information on a natural water filter and they shouldn't have to go anywhere else to get any of the other information required like substitutions that can be made.

What is the range of skills? If their interests and/or skills are diverse, could it cause conflict or distraction? Very wide range of skills, and would like to cater to that as well. The range is from researchers to just everyday people. Earth Wells will have a very low threshold as to stay inclusive to everyone.

# **Achieving integration**

#### Look at all the pieces of your configuration

What level of integration and interoperability has been achieved?

I would like to for everything to be on one platform with users pulling needed information into the application so that the application serves as a database of sorts. Users should not have to go looking for information, if the information isn't included in the post the user should be able to ask a question on the post and receive a reply with the needed information and therefore never have to leave the application.





Where are there big gaps

The community is too spread out, it is a global community but I would like to focus on Canada. Even then, the same reason why those users may not have water security due to being remote and spread out is the same reason that my community is naturally spread out. So the gaps are that there isn't a single place where my community can connect. I hope Earth Wells will fill this gap.

# **Balancing the polarities (Current state)**

How is the	configuration	halanaad	with respect t	Cutitud
How is the	configuration	palanced	with respect t	o each polarity?

Synchronous >>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>	>>>>>>>	<<<<<< Asynchronous
Synchronous tools?		Asynchronous tools?
Maybe livestreams of NGO's disp	playing installed filters	Blogs, research articles, comments
Livestreams on Facebook		Facebook posts, comments, likes
		Research articles and comments
Participation >>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>	>>>>>>>>	<<<<<<< Reification
Participation tools?		Reification tools?
Comments, blogs, forums, Faceb and dislikes, sharing posts	ook posts, replies, likes	Blogs are a form of reification but mainly serve the purpose of communication, installed examples of filters. In this sense Facebook posts are also a form of reification.  Research Papers.
Group >>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>	·>>>>>>>>>	<<<<<<< d>Individual
Group tools?		Individual tools?
There are sub – group tools like I the NGO uses specifically for the		Lots, research articles are mainly independent, alongside any other knowledge articles
How well does this balance fit very poorly, it just seems like the tools support very individual efforts and there is no knowledge sharing or collaboration across these pods of interest, even though would be very beneficial if they did work together		

# **Solution seeking**

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?

Synchronous >>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>	<<<<<< Asynchronous
New synchronous tools?	New asynchronous tools?
Meetings, Live- chat	Direct messages, messaging groups
Participation >>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>	<><<<<<< ReificationNew reification tools?





Posts and replies, likes, rating	Project spaces, image and video upload
Group >>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>	<<<<<<<< colspan="2"><<<<<<< colspan="2"><<<<<< colspan="2"><<<<< colspan="2"><<<<<< colspan="2"><
New group tools?	New individual tools?
Group communication, meetings	File storage, workspaces

# **MVP** notes

MVP 1 will focus on the post functionality. MVP will focus on post and communication experience. MVP will add additional tools to support communication and project spaces.