



Drafting an emerging picture

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Community & UN SDG(s): ACADEMICS / ENGINEERS / PROFESSIONALS INTERESTED IN SDG's
PARTNERSHIPS FOR THE GOALS -> TO SUPPORT 16 OTHER SDG's

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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

EngiConnect's main two community orientation are Access to Expertise and Open ended conversation, and I believe that the current toolset that the community has access to is sufficient in meeting each of these tools separately from each other. LinkedIn provides a platform for experts to post educational contents and for users to reach out to these experts for answers to questions. Although there is no direct way for the user to reach the expert specifically about questions; and LinkedIn is more of a professional "connecting" website than a project solution website. On the other hand, Facebook is known for it's open ended conversation but, they are oftentimes too open ended and spiral way off topic - alongside with a lot of "negative" information such as miss-information.

Are there big gaps? Yes.

Even though there are tools out there that could be adapted for the prefect fit, there are major gaps that need to be fixed even if EngiConnect chooses to keep any of the current platforms used.

What is the range of skills? If their interests and/or skills are diverse, could it cause conflict or distraction?

Since the users of Engi-connect will be Engineers and other professionals the range of skills in general will be vast. But, in terms of technology the group as a whole will be very willing to adapt change. The diversity in the skills between the members will help to build up the community, the purpose of the platform is for these experts to share their knowledge and create partnerships that will eventually create more change in the world.

Achieving integration

Look at all the pieces of your configuration

What level of integration and interoperability has been achieved?

Other than integration between features on platforms, there is close to no integrations between the platforms and stand alone tools. Users are familiar with all of the tools and platforms so they could theoretically easily move between these platforms manually - for example, a lot of the technical professionals will use IDE's and CAD's to create and test solutions - while on LinkedIn there is conversation that may highlight problems; if we could bring both these things into one space via integration it would be perfect.

Where are there big gaps	There are big gaps when it comes to useful integrations. Like the one mentioned above where it would be very useful for an engineer to be able to easily share CAD drawings on LinkedIn. EngiConnect aims to bridge the gap of engineers who want to collaborate and discuss issues revolving around the UN SGDS while utilizing image and video aids.
Balancing the polarities (Current state)	
How is the configuration balanced with respect to each polarity?	
Synchronous >>>>>>>>>>>>>>>>>>>>>>>>>>>>>> ...Synchronous tools? Livestream Live meetings with SDG Cluster groups Very little synchronous tools available	<<<<<<<<<<<<<<<<<<<<<<<<<<<<<<< Asynchronous ...Asynchronous tools? Posts and replies, private messages, email, educational videos. Lots of async tools available for communication and educational content
Participation >>>>>>>>>>>>>>>>>>>>>>>>>>>>>> ...Participation tools? There is very high participation as the main methods of these platforms are communication tools mainly being direct and group messaging.	<<<<<<<<<<<<<<<<<<<<<<<<<<<<<<< Reification ...Reification tools? Conversion records could be considered artifacts of the community, in that sense there is high reification, but little reification of many other artifacts.
Group >>>>>>>>>>>>>>>>>>>>>>>>>>>>>> ...Group tools? There is very limited group tools, I can only think of group chat or communities on Facebook as the main group tools.	<<<<<<<<<<<<<<<<<<<<<<<<<<<<<<< Individual ...Individual tools? Most tools are individual basis like posting and replies, the community can add to these tools but usually the tools are used individually. For example posting some education content.
How well does this balance fit your community?	Not very well, the biggest focus needs to be much higher group tools need to be available to foster a community that will create partnerships. Individuals must come together to help solve problems and they need the appropriate tools to do so.
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 >>>>>>>>>>>>>>>>>>>>>>>>>>>>>> ...New synchronous tools? Live Chat	<<<<<<<<<<<<<<<<<<<<<<<<<<<<<<< Asynchronous ...New asynchronous tools? Community Posts Reply to community Posts

[illegible]