Technology configuration inventory

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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

It is useful to inventory the current technology configuration of the community, i.e., the current technology that the people working, learning, advancing knowledge (etc.) in the specific area you are engineering software for are using, as a way to understand the community better and what matters to them better. If yours is a new community, it may not have any specific technology yet, but even for brand new communities, the current configuration may not be empty, for instance if general tools like email or phone are going to be used. You can use a version of the table on the next page to inventory and analyze the current configuration of your community:

1. Get the big picture. Research the area and make a list of all the platforms and stand-alone tools in your community's configuration as best you can
2. For each platform, list the tools and check the ones that are being used. Why are some not being used? Are there duplicates? Are there issues around integration between tools?
3. To the left, make a note of which community activities/orientations the tools currently support in your community
4. To the right, identify the key features of tools. Are some of these features commonly or rarely used? What are the reasons for that?
5. Assess actual tool use if you can. Identify which are dominant and which are only used by smaller groups and individuals.

NOTE: Add new rows as needed below. Please know your search should be as exhaustive as possible given the area you are researching

It is important to note; there is no specific tools or platforms for the community of SDG engineers, professionals, and academics that want to collaborate to fix concrete ideas - therefore some of these will be platforms and tools that are either used by "sub-groups" within the broader community I am targeting or are platforms that are currently used but do not fulfill the needs of what I envision my solution fulfilling.

Platform	LinkedIn		
Supported activities	**Tools**	**Key features**	**Usage notes**
Networking, Individual learning	Posts, Private Chats, Online courses, Articles, Company Pages, Polls	Likes and sharing, group chats, comments, hashtags, follow, attachments,	Good platform but not specific to one group of professionals just the workforce at large, so it may be hard to make meaningful connections with others in the same field

Platform	Facebook		
Supported activities	**Tools**	**Key features**	**Usage notes**
Networking	Posts, private chats, public forums/ facebook groups, livestreaming,, marketplace	Likes and sharing, different levels of access/ messaging depending on friendship level of the user, tags, live chat, reactions, comments, listings, files and documents	Good for reaching out to individuals or finding groups of people with similar interests

Platform	Let's Work Together SDG		
Supported activities	**Tools**	**Key features**	**Usage notes**
Education	Reading, connecting, learning.	Ability to research and understand the SDG's along with methods to connect with local organizations combating them.	This is an okay website, but it does not allow for international cooperation on specific issues.

Platform	United Nations		
Supported activities	**Tools**	**Key features**	**Usage notes**
Individual Learning	Research (website), Charity (financial collection)	The website allows for ability to donate or volunteer at various organizations that are trying to solve the SDGs - it offers a lot of information on them too.	Its pretty simple, easy to navigate and learn from but again very few opportunities to collaborate on specific issues.

Platform	Various SDG Cluster Groups		
Supported activities	**Tools**	**Key features**	**Usage notes**
Connecting and Projects	Group chats, Mail lists, online meetings, and technical tools.	These are designed to connect groups of local people together - to work on issues in the local community partnering with businesses, organizations, and education facilities.	These are not consistent I looked at the structure of a few of there platforms / communities and some function well while others seem "dead".

Stand-alone tool	Email's from Professional Organizations		
Supported activities	**Tool**	**Key features**	**Usage notes**
Providing info, sometimes on events	Email	one email to many "subscribers"	Good for finding out about info if the community but no way to get involved with the information or create connections across the community.

Stand-alone tool	Technical Tools (Could be argued these are platforms)		
Supported activities	**Tool**	**Key features**	**Usage notes**
- IDEs' - CAD Softwares' - Research Simulations	Design, Testing, Visualization, and much more.	This is super important for technical professionals in our community it makes our designs more reliable and safe.	Nothing to note, its just important to keep in mind these tools are used by a large portion of our community.