



Technology configuration inventory

Name: Muhammad Zaman

Community & UN SDG(s): Life on land (SDG 15)

Date: October 13, 2023

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

Platform	Kahoot		
Supported activities	Tools	Key features	Usage notes
Trivia Game	Creating/hosting custom made games	Allows for the fastest person to answer to gain more points, incentivizing knowing your stuff	An effective way to get your points to your audience without the need to make anything, besides the trivia itself

Platform	games4sustainability.org/sdg/life-on-land/		
Supported activities	Tools	Key features	Usage notes
Life on Land Games	Lists games made for the cause	Shows games made for life on land, allowing for people to become more educated on the cause whilst being entertained	A good way to put your game on here, allowing for people to see cool new games made



Platform	intelligence.weforum.org/topics/a1G0X0000057N0ZUAAU		
Supported activities	Tools	Key features	Usage notes
Case Studies	Variety of case studies on different SDG's aswell	In depth case studies done on life on land	
Videos	Informational videos	People are more likely to watch than to read an article	
Publications	Shows all latest articles	Shows all the latest articles impacting the cause	Seems in depth and up to date, latest article was from 1 day ago

Platform	globalgiving.org/sdg/life-on-land/		
Supported activities	Tools	Key features	Usage notes
Charities for life on land	Lists charities that are directly working for life on land	Shows all details for each charity, and redirects to them to see more information	Allows you to see what exactly is going on at each charity, and what they stand for

Stand-alone tool	ggimpactgames.com/play/goal-15/		
Supported activities	Tool	Key features	Usage notes
Tree planting game	Simple tree planting game which helps educate more about how to preserve a forest	Placing cone around the field and placing a ball on top, dividing the players into two teams	Small game to play on paper, which is simple to setup and play

Stand-alone tool	play.google.com/store/apps/details?id=games.mousetrap.greenthumb&hl=en&gl=US		
Supported activities	Tool	Key features	Usage notes
Planting game	Mobile game	Upgrade, maintain, and care for plants	Popular houseplants included Doesn't need much attention



Stand-alone tool	play.google.com/store/apps/details?id=plant.identification.flower.tree.leaf.identifier.identify.cat.dog.breed.nature&hl=en&gl=US		
Supported activities	Tool	Key features	Usage notes
Plant Identifier	Mobile app	Measuring pots, automating care schedules	Still in testing Paid application Very limited free use
Stand-alone tool	https://play.google.com/store/apps/details?id=com.chucklefish.stardewvalley&hl=en&gl=US		
Supported activities	Tool	Key features	Usage notes
2D simulator	Mobile game	Farming, management of land, expanding land	Fun game 4.99\$ to play Multiplayer