



## ENSE 405

### Activity #3: Technology configuration inventory

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Community (UN SD goal): Responsible consumption and production  
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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

Platform	Platform type or name: Waste Wizard		
Supported activities	Tools	Key features	Usage notes
Searching a waste product	Material Database	<ul style="list-style-type: none"><li>• Shows information about waste material and how to properly dispose of it.</li><li>• Gives a list of locations locally where to dispose the material, and direct to a map.</li></ul>	<p>Gives possible items for auto completion if you give a general word.</p> <p>Example "bottle" would give sauce bottle, water bottle, etc.</p> <p>Has educational information for the material searched.</p>



Platform	Platform type or name: TerraCycle Pay for boxes for waste disposal		
Supported activities	Tools	Key features	Usage notes
Picking a program in which material you want to recycle.	Searching a material program.	Has a reward program for sending in waste material in which you may redeem for donation to a non-profit organization.  Has specific programs for specific material to dispose.	Paid program for disposing waste material in exchange for reward point.

Stand-alone tool	Tool type or name: Recycle Coach		
Supported activities	Tool	Key features	Usage notes
Reminders of garbage and recycling days  Calendar of different recycling events in locally  Educational information about different material.	Searching materials	Reminders are push notification, email, or SMS.  See your collection schedule for the entire year and informed of any changes to the schedule.  Instructions on how to dispose the material	Very understandable application to use with many functionalities.  Rated 4.5 on 5k reviews and 100k downloads.