



## **ENSE 405**

## Activity #4: An emerging picture

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Community (UN SD goal):	#13
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## **Instructions:**

Using your researched information from activities 1-3, 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	Technology configuration inventory (current state of art)	Community orientation	Match or Mis-match	
	Chart Sustainable guide	Individual participation Content (varies link the user can access to further learn and take action)	match match	
	Current configuration supports individual activities such as calculating carbon footprint, showing chart of carbon usage, which is currently wanted.			
☐ Are you almost there? ☐ Are there big gaps?   ♣	<ul> <li>The current configuration tool doesn't support:</li> <li>Chatting capabilities</li> <li>Content sharing amongst users</li> <li>Doesn't support social network</li> <li>Allow user to share ride to work, school, etc.</li> </ul>			
What is the range of skills? If their interests and/or skills are diverse, could it cause conflict or distraction?	open to learn variety of learning material.  Could cause conflict if the shared content doesn't serve its purpose and/or is not useful resources.			
Achieving integration				

Look at all the pieces of your configuration





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What level of integration and interoperability has been	- They have a chart that can be used to show the user's carbon budget as the user adds new emission and adjust their monthly budget.			
achieved?	- they have links for user to click and find resources to reduce carbon foot print			
Where are there big gaps	-Lacks interactive design			
	•	ne user has high carbon footprint? And how do we make a ne user is providing and recommend them activities to		
Balancing the polarities (Curren	t state)			
How is the configuration balance	ed with respect to each pol	arity?		
Synchronous >>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>	>>>>>>>>	<<<<<< Asynchronous		
Currently none.		Same here too		
Participation >>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>	>>>>>>	<<<<<<< Reification		
none		Different links where the user can further find useful resources related to sustainable guide		
Group >>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>	·>>>>>>>>>>	<<<<<<<< Individual		
currently none.		Chart of carbon usage		
		Various link user can click to learn more		
How well does this balance fit your community?	Not very well. There should be group participation. People communicating with each other. Sharing information with others.			
Solution seeking				
In the new configuration, do you differ from the current configura		to affect the polarities of your community in ways that		
Synchronous >>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>	>>>>>>>>	<<<<<< Asynchronous		
Chat when two users want comm	nunicate, especially when	Emails if required getting access to expert		
request share ride.		Forum post maybe?		
Participation >>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>	>>>>>>>	<<<<<<< Reification		
Sharing ride,		Connect people together, share information		
Offering ride,				
Completing goals to keep their c	arbon footprint low.			
Group >>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>	·>>>>>>>>>	<<<<<<<< d>Individual		
		Questionnaires to determine their carbon usage		
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Sharing information with others (e.g., sharing carbon footprints score with others and challenging them to keep their carbon footprint low)

Knowledge base

MVP notes

Achieving tasks determined after submitting questionnaires