

I. Executive Summary

In March 2013, Green Map System invited students from the University of Michigan's School of Information to evaluate their prototype Open Green Map platform. Open Green Map is designed to help local community members create interactive digital maps of sustainable resources in their area. The platform consists of a range of mapmaking tools and icons, as well as several interactive features that allow users to comment on map content, link to photos and videos, and suggest new sites to map. Green Map System wanted to learn how mapmakers around the world use Open Green Map's tools, and to develop strategies for improving the platform.

Four students from the School of Information spent a week in Green Map System's New York City office. Short qualitative interviews were conducted and a brief survey was distributed to active mapmakers. The results were compiled and evaluated using a technique called an affinity wall. Themes in the interviewees' responses were identified, and a number of findings were generated. These are listed below:

1. Mapmakers are enthusiastic and diverse: people with a range of technical skills and cultural backgrounds successfully use Open Green Map
2. Mapmakers are predominantly motivated by the chance to build community and educate the people around them
3. Gathering feedback is important to mapmakers, but Open Green Map's tools for collecting map user feedback are limited and not prominent
4. Although mapmakers want to share ideas with other mapmaking teams, the ability to do this within the Open Green Map platform is limited
5. Mapmaking teams value the ability to communicate regularly as they're building their maps, but the Open Green Map platform does not easily facilitate this
6. Mapmakers use social media to promote their maps less frequently than they might; mapmakers rely instead on traditional media and the networks of collaborating organizations
7. Mapmakers requested additional features or suggested changes to the site's design. These include:
 - a. Some mapmakers reported being overwhelmed by the large number of icons available to them
 - b. Some mapmakers reported frustration with the amount of information they needed to enter when creating a new map
 - c. Several mapmakers wanted the ability to draw attention to key information by manipulating the platform's color palette and other design elements
 - d. Some mapmakers want the ability to perform more elaborate GIS-type work in the Open Green Map platform, such as adding layers and shading regions

Recommendations based on these findings are included in this report.

II. Methodology

Qualitative research

We conducted four thirty-minute interviews with active Open Green Map users. Two interviewees were based in the U.S., one in China, and one in Vietnam. The affinity wall technique was used to compile interviewees' responses and identify themes. Notes from the interviews were sorted and grouped based on thematic connections. Findings were generated from relationships revealed on the affinity wall.

Quantitative research

A thirty-six question survey was distributed via email to active Open Green Map mapmakers. The survey turnaround time was short, but thirty-seven people responded. The complete results are included in the appendix to this report.

III. Findings and Recommendations

Finding 1: Green Map's user pool includes a wide range of mapmakers; their varying ages, training, and expertise speak to the platform's flexibility.

We encountered users with no training or experience with mapping software, as well as those mapmakers whose professions prescribed the use of GIS software. Green mapmakers also span several generations, reaching from over fifty years old to those in their twenties; a number of survey respondents even indicated that they had involved children in their recent projects. Finally, Open Green Map users can be found in across every continent. Despite the cultural, linguistic, and experiential diversity, the Open Green Map platform serves its entire community; only one third of survey respondents indicated that they found map creation challenging (see survey Q6).

Recommendation: Implement a lightweight version of the Open Green Map interface.

Because the mapmaking tools are so diverse, they require significant structuring and ordering. This structure does offset potential interface clutter, but it also places a higher effort barrier to the actual creation of maps; it takes mapmakers longer to find and use specific features they're interested in. We suggest that Open Green Map include in its next iteration a lightweight version of the map creation interface. This would include only essential features, unified on a single

page; a mockup of what this interface might look like is included later in this report.

Finding 2: Mapmakers are predominantly motivated by the chance to build community and educate the people around them

Our interviewees told us they were largely interested in engaging a larger community, for the purpose of education or social improvement. Some work with students and others with local populations, to serve the information needs of tourists and consumers and stimulate local action through outreach and education. Of those who responded to our survey, 50% listed neighborhood residents as their primary target users, followed by tourists, consumers, and students (see survey Q20). This service motive is extremely salient in the community, and should be considered in future attempts to harness or influence the Green Map mapmaker community's effort and attention.

Finding 3: Mapmakers place a high value on feedback from their target users, but are unable to aggregate as much as they would like. Green Map currently has minimal support for integrated feedback collection.

Numerous interviewees indicated that they appreciate feedback in any form; it not only validates their purpose, but also informs and guides future map design and mapmakers' understanding of their users' needs. According to our survey results, mapmakers most typically receive feedback verbally, often at public events where they are distributing paper maps. Comments received through Open Green Map's system occur significantly less frequently. In fact, the next most common response to our question as to where mapmakers collected feedback (see survey Q22) was "other," which included such descriptions as "comments on map when required of students," and "haven't gotten any feedback."

Recommendation: Implement a cross-platform comment aggregator for each map.

We suggest including an individual comment section beneath each map on what currently exists as the "view map" page. This comment section would ideally aggregate comments from external sources, including Twitter, Facebook, LinkedIn and personal websites. Its creation would allow mapmakers to receive timely feedback from a wide variety of sources, and follow up with users if needed. We recommend modeling this feature after or using a version of Disqus, a web plugin used for the stated purpose by numerous sites including NPR, the Atlantic, and IGN.

We have included a mock-up of what this could look like in the appendix.

Finding 4: Although mapmakers want to share ideas with other mapmaking teams, the ability to

do this within the Open Green Map platform is limited.

Survey respondents reported a desire for more interaction with other Open Green Map teams. 72% of respondents stated that they wanted to see more interactions among mapmaking teams (see survey Q19). Sharing ideas and sharing technical expertise are among the most common reasons for mapmaking teams to communicate with one another (see survey Q18).

Finding 5: Mapmaking teams value the ability to communicate regularly as they're building their maps, but the Open Green Map platform does not easily facilitate this.

Mapmaking team sizes range from two to twenty people, with most mapmaking teams consisting of two to five people (see survey Q14). Creating an Open Green Map demands collaboration among team members. Several mapmakers told us that in-person collaboration, when possible, is the preferred method of working. When in-person collaboration is not possible, communication by email is the preferred method.

Recommendations: We suggest that Green Map System implement two communication tools on the Open Green Map platform: a forum to encourage interactions among different mapmaking teams, and a discussion board to facilitate collaboration among the members of mapmaking teams.

The forum would be a place for mapmakers to share their experiences, communicate with other teams working in similar geographic regions or on similarly themed maps, or troubleshoot issues they're having. The forum could include social functionality, such as the ability for individuals to "follow" the activities of other mapmakers. To encourage widespread participation in the forums, we suggest implementing a system for recognizing contributions. For more information about building robust forums, see:

Robert E. Kraut and Paul Resnick, *Building Successful Online Communities: Evidence-Based Social Design*.

The discussion board would enable the members of a mapmaking team to communicate with one another in one place when face-to-face communication is not possible. Currently, many mapmakers (78% of those surveyed) rely on email to communicate with others on the their team when face-to-face interaction is not possible; qualitative research revealed that email is serviceable but often cumbersome to use when discussions become long.

Finding 6: We found that Open Green Map mapmakers use social media to promote their maps, but that there is limited integration of social media sites like Facebook, Twitter, Quora, LinkedIn, Google Plus. Additionally, there are limited interactions among mapmakers via social

media sites and on the Open Green Map main site. Few mapmakers use social media sites to create promotional pages for their projects (see survey Q13, Q21, Q23, and Q24).

Recommendation: We recommend using sites like Facebook to create online community to foster sharing and collaboration between members. We also suggest establishing a tutorial section on the Open Green Map site to promote social media use. Furthermore, we suggest that mapmakers share their maps with relevant organizations via social media.

Findings 7a-g:

7a. We found that mapmakers like using a number of Open Green Map's existing tools. Surveyed respondents rated the following features as useful (see survey Q9):

- The ability to embed Open Green Maps
- The ability to toggle icons on and off
- The Map Dashboard tab
- The ability to add lines and areas
- The ability to import and export data

The following features were ranked below average in usefulness:

- The Widget tab
- The Map Team tab

We found in our qualitative interviews that mapmakers like the ability to embed video and photos into their maps. This adds additional functionality of visualizing information, as photos and videos can reveal detailed information about local business and outdoors locations.

7b. Some mapmakers reported being overwhelmed by the large number of icons available to them.

Recommendation: We suggest creating a “most used” or “most popular” icon subset. Users would see this smaller subset on the map creation page, but would still have access to the full icon set if needed.

7c. Some mapmakers reported frustration with the amount of information they needed to enter when creating a new map. 54% of survey respondents found the process of creating a map time consuming (see survey Q5).

Recommendation: For those mapmakers who find detailed information entry tedious, we suggest creating a version of Open Green Map that requires users to enter only the bare essential information to get started mapping. This “light” version of Open Green Map (discussed in more detail under Finding 1 above) would be aimed at non-technical users, and would supplement the more in-depth version of the platform.

7d. Some mapmakers reported frustrations with Open Green Map’s visual design. Mapmakers want the ability to adjust the site’s color palette and filter map content to make key information stand out.

Recommendation: We suggest adding a feature that allows users to modify a map’s color palette as well as a filter option that allows users to filter the icons based on which icons are in use on a given map.

7e. Some mapmakers expressed a desire to perform GIS-style manipulations to their Open Green Maps, such as adding layers and shading regions of their maps.

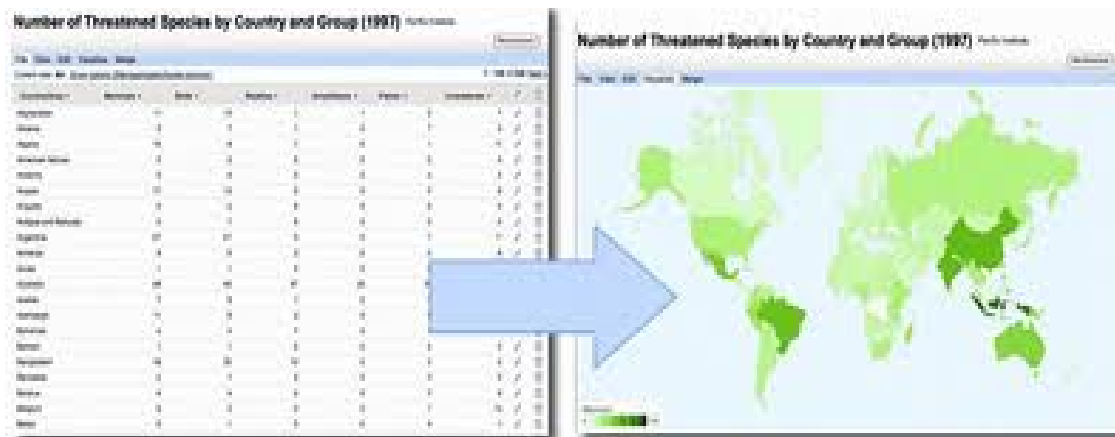
Recommendation: We recommend making the existing line and area tools more prominent, and consider enhancing GIS-style functionality in the future.

7f. A number of interviewees expressed great interest in mobile version of Green Maps. They expressed the need to easily tag locations and businesses in existing maps to enter new information via mobile phone.

External tools recommended for use

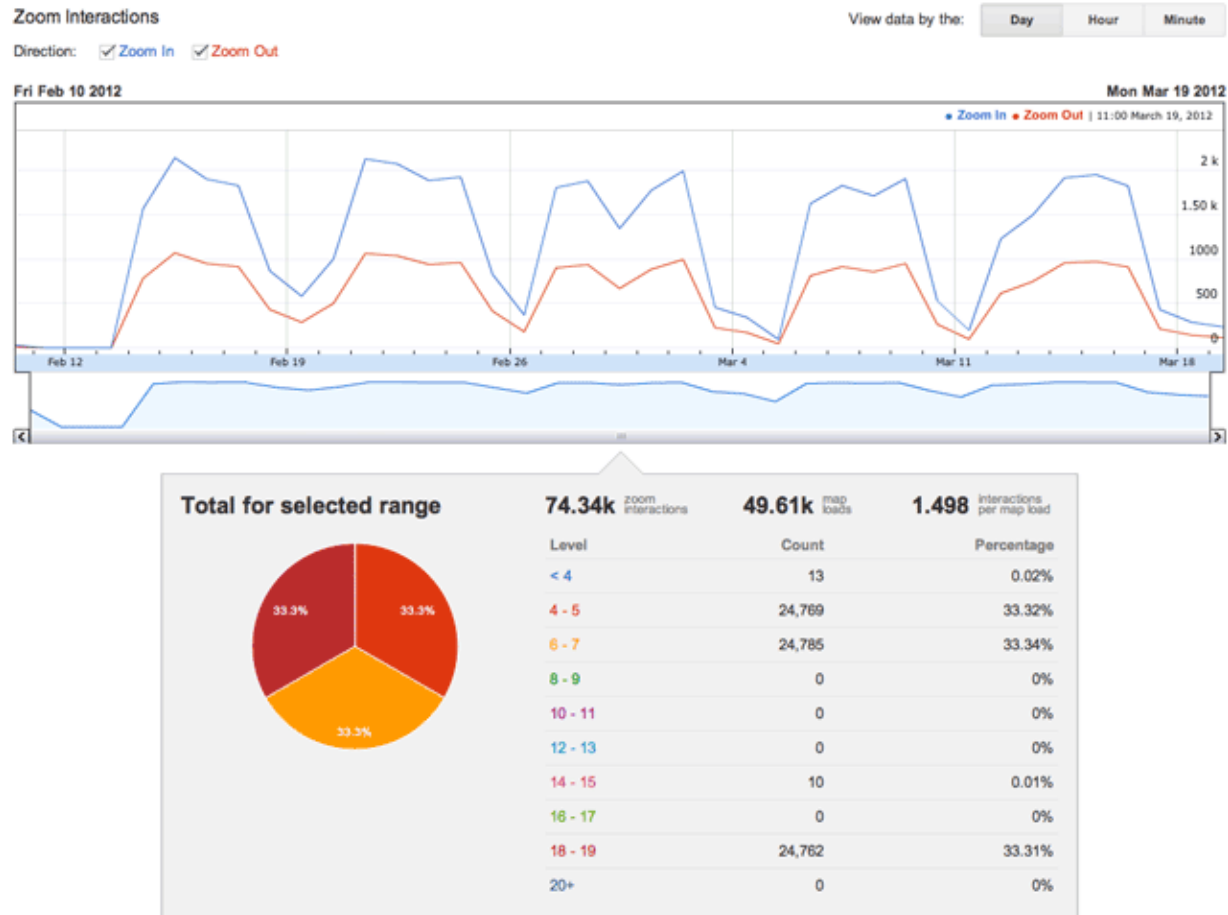
1. Google Fusion Tables

Fusion Tables by Google allow integration of metadata and special data. it allows quick and easy manipulation. it also does visualization in different maps formats. Google Fusion Table has interactive and easy to implement APIs system.



2. Google Analytics for maps

Google analytics can provide insight on what maps are the most popular and who is using what. it tracks a lot of metrics about each site as well. Mapmakers can use analytics to measure impact and the reach of their site.



IV. Limitations of interviews and survey

The research for this report was conducted over three days. Because the time frame was short, the results may be subject to certain biases. The survey sample size was small (37), and the qualitative interview sample size was smaller still (5). Although we attempted to vary the geographic location of survey takers and interviewees, the sample we ended up gathering information from may not be completely representative of Open Green Map's user base.

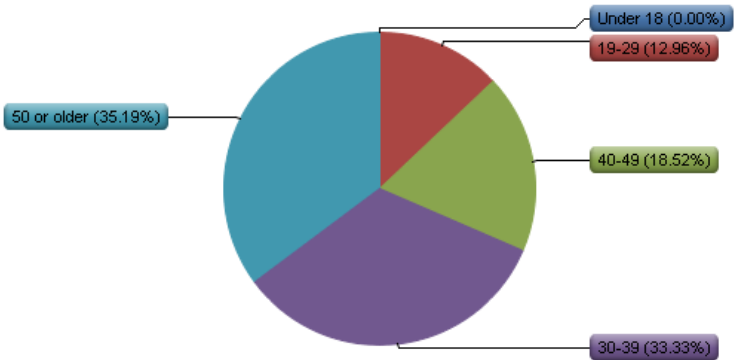
V. Appendix

This appendix is made up of two sections, which are together the basis of our findings. The first section is a report of the results of our survey; it includes the response data for each question, and graphic representations of each. The second section includes the notes we took during our interviews, followed by the coded segmented instances of qualitative data, extracted from our interviews, used in our analysis.

My Report

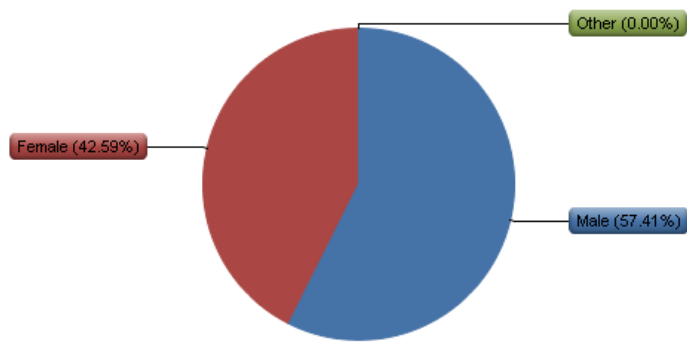
Last Modified: 03/07/2013

1. What is your age?



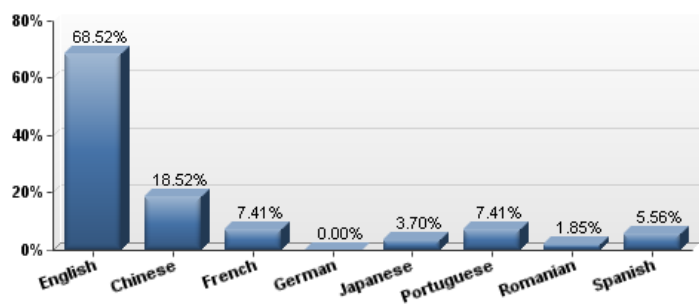
#	Answer	Bar	Response	%
1	Under 18		0	0%
2	19-29		7	13%
3	30-39		18	33%
4	40-49		10	19%
5	50 or older		19	35%
	Total		54	

2. How do you identify yourself?



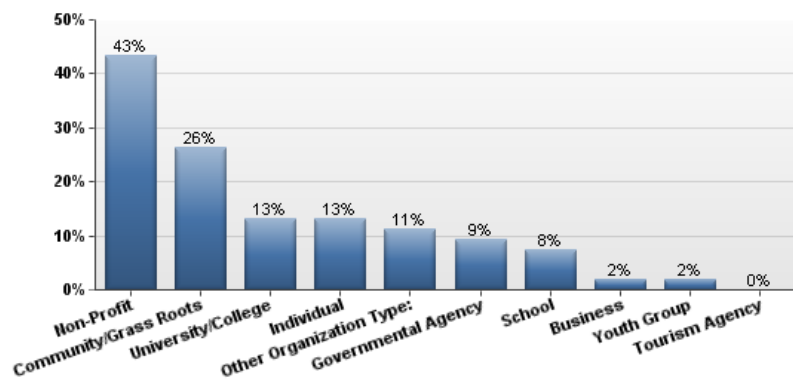
#	Answer	Bar	Response	%
1	Male	<div></div>	31	57%
2	Female	<div></div>	23	43%
3	Other		0	0%
	Total		54	

3. What language do you use to create a map on Open Green Maps? Select all that apply



#	Answer	Bar	Response	%
1	English	<div></div>	37	69%
2	Chinese	<div></div>	10	19%
3	French	<div></div>	4	7%
4	German	<div></div>	0	0%
5	Japanese	<div></div>	2	4%
6	Portuguese	<div></div>	4	7%
7	Romanian	<div></div>	1	2%
8	Spanish	<div></div>	3	6%

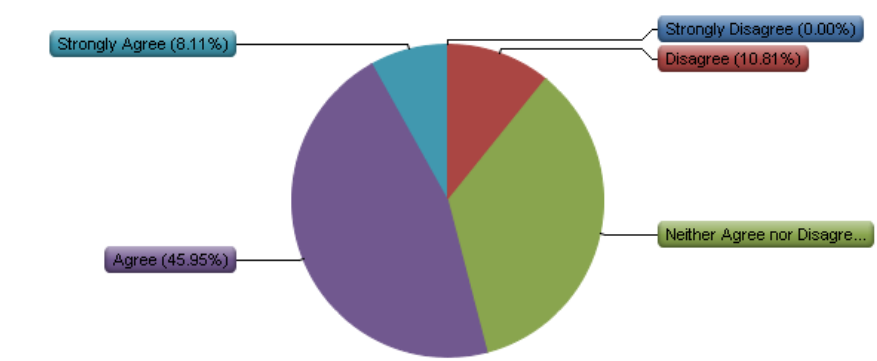
4. How would you describe the organization you work for?



#	Answer	Bar	Response	%
1	Business	<div></div>	1	2%
2	Community/Grass Roots	<div></div>	14	26%
3	Governmental Agency	<div></div>	5	9%
4	Individual	<div></div>	7	13%
5	Non-Profit	<div></div>	23	43%
6	School	<div></div>	4	8%
7	Tourism Agency	<div></div>	0	0%
8	University/College	<div></div>	7	13%
9	Youth Group	<div></div>	1	2%
10	Other Organization Type:	<div></div>	6	11%

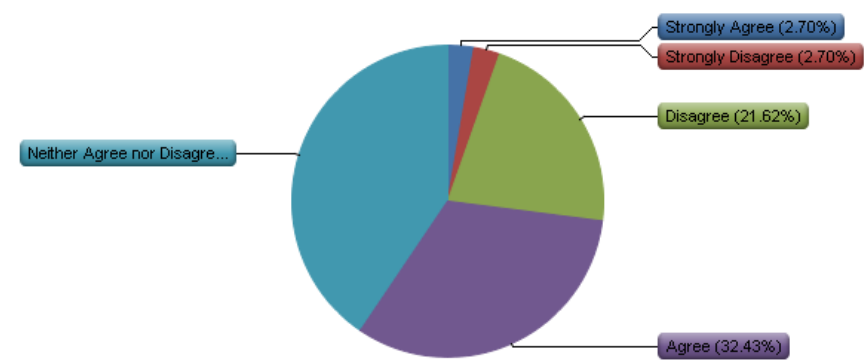
Other Organization Type:
IT Consulting & Technology
house keeper
grass root
Civil society organization
City/public partnership
Artist Collective

5. I found the process of creating a map on Open Green Maps platform time consuming.



#	Answer	Bar	Response	%
1	Strongly Disagree		0	0%
2	Disagree		4	11%
3	Neither Agree nor Disagree		13	35%
4	Agree		17	46%
5	Strongly Agree		3	8%
	Total		37	

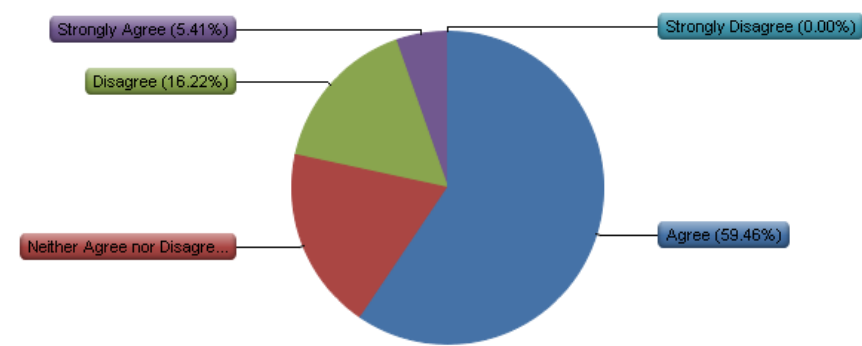
6. I found the process of creating a map on Open Green Maps challenging.



#	Answer	Bar	Response	%
1	Strongly Disagree	<div></div>	1	3%
2	Disagree	<div></div>	8	22%
3	Neither Agree nor Disagree	<div></div>	15	41%
4	Agree	<div></div>	12	32%
5	Strongly Agree	<div></div>	1	3%
	Total		37	

Statistic	Value
Min Value	1
Max Value	5
Mean	3.11
Variance	0.77
Standard Deviation	0.88
Total Responses	37

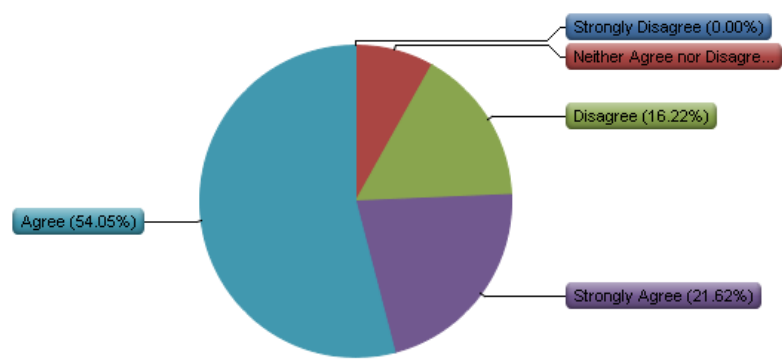
7. I was generally satisfied with my experience creating the map on the Open Green Map platform.



#	Answer	Bar	Response	%
1	Strongly Disagree		0	0%
2	Disagree		6	16%
3	Neither Agree nor Disagree		7	19%
4	Agree		22	59%
5	Strongly Agree		2	5%
	Total		37	

Statistic	Value
Min Value	2
Max Value	5
Mean	3.54
Variance	0.70
Standard Deviation	0.84
Total Responses	37

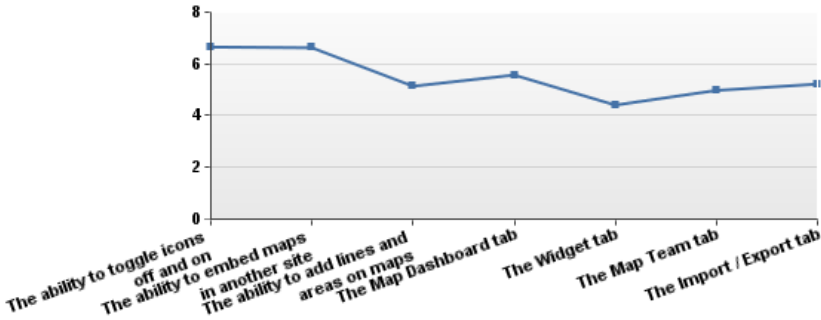
8. The Green Maps icons cover the concepts and themes I am mapping.



#	Answer	Bar	Response	%
1	Strongly Disagree		0	0%
2	Disagree		6	16%
3	Neither Agree nor Disagree		3	8%
4	Agree		20	54%
5	Strongly Agree		8	22%
	Total		37	

Statistic	Value
Min Value	2
Max Value	5
Mean	3.81
Variance	0.94
Standard Deviation	0.97
Total Responses	37

9. Please rank each of the following existing features based on: How useful you found each when creating, sharing or publicizing a new Open Green Map.



#	Answer	Min Value	Max Value	Average Value	Standard Deviation	Responses
1	The ability to toggle icons off and on	0.00	10.00	6.62	2.83	37
2	The ability to embed maps in another site	0.00	10.00	6.59	3.10	37
3	The ability to add lines and areas on maps	0.00	10.00	5.11	3.12	37
4	The Map Dashboard tab	0.00	10.00	5.54	3.15	37
5	The Widget tab	0.00	10.00	4.38	3.02	37
6	The Map Team tab	0.00	10.00	4.95	3.04	37
7	The Import / Export tab	0.00	10.00	5.19	2.91	37

10. Please rank each of the following potential features based on: How useful would you find each when creating, sharing or publicizing a new Open Green Map.

#	Answer	Min Value	Max Value	Average Value	Standard Deviation	Responses
1	The ability to add custom icons	1.00	10.00	7.08	2.66	36
2	The ability to edit icon titles	1.00	10.00	6.95	2.49	37
3	The ability to edit icon definitions	1.00	10.00	7.19	2.45	37
4	Other	0.00	10.00	7.75	3.19	12
5	Other	4.00	10.00	7.00	2.10	6

Other	Other
to be able to label areas	to shade areas by color
didn't know the three choices above were possible	
The ability to edit multiple sites at once	The ability to import sites from a CSV or XML through a step by step import page
update with google xml	
clearer instructions	
a list on the side bar of the sites alphabetically by name	walk score of sites from one's home location
The process to invite or add team member more easier.	
Map printing	
Export image url:s	Better responsiveness of site bubble on the map
Duplicate entries	Order the layering
Ability to link directly the details of a specific site on a map when embedded on another website (ie: a more 'dynamic' url)	

11. On average, how often do you update maps that you've made on Open Green Maps?

#	Answer	Bar	Response	%
1	Never	<div></div>	2	5%
2	Yearly	<div></div>	10	27%
3	Quarterly	<div></div>	6	16%
4	Monthly	<div></div>	4	11%
5	2-3 Times a Month	<div></div>	4	11%
6	Once a Week	<div></div>	1	3%
7	2-3 Times a Week		0	0%
8	Daily		0	0%
9	Other	<div></div>	10	27%
	Total		37	

Other
spiratically.
As I am notified of corrections
I am quite new and still experimenting a bit with the Open Green Map
varies from once a quarter to weekly depending on the map
add new sites frequently; thorough update annually
Depends on time and case available.
Really depending on the map

Statistic	Value
Min Value	1
Max Value	9
Mean	4.65
Variance	8.51
Standard Deviation	2.92
Total Responses	37

12. How many times in the last year have you updated your MapMaker Profile on greenmap.org?

#	Answer	Bar	Response	%
1	Once	<div></div>	15	41%
2	Twice	<div></div>	9	24%
3	3-5 times	<div></div>	1	3%
4	Never	<div></div>	11	30%
5	Other:	<div></div>	1	3%
	Total		37	

Other:
But we have to modify

Statistic	Value
Min Value	1
Max Value	5
Mean	2.30
Variance	1.83
Standard Deviation	1.35
Total Responses	37

13. In the future, which of these following platforms you would like to see integrated into Open Green Map. (check all that apply)

#	Question	Very Important	Important	Less important	
1	Google Maps	23	8	2	33
2	Bing	3	7	18	28
3	Open Street Map	7	11	12	30
4	Desktop GIS	8	4	18	30
5	Nokia	2	5	19	26
6	Other:	4	3	4	11

Other:

social media

Facebook type of social networks

ArcGIS

Iphone

Our local city map-app (don't know platform)

Blackberry

how far each icon is from my location

Statistic	Google Maps	Bing	Open Street Map	Desktop GIS	Nokia	Other:
Min Value	1	1	1	1	1	1
Max Value	3	3	3	3	3	3
Total Responses	33	28	30	30	26	11

14. How many people were in the CORE TEAM for the last three Open Green Maps that you created?

#	Question	Latest Map Project	Previous Map project	Older Map project	
1	1 person	8	5	2	15
2	2-5 People	25	13	15	53
3	6-10 People	2	0	1	3
4	11-15 People	0	0	0	0
5	16-20 People	0	2	0	2
6	More than 20 people	1	0	0	1

Statistic	1 person	2-5 People	6-10 People	11-15 People	16-20 People	More than 20 people
Min Value	1	1	1	-	2	1
Max Value	3	3	3	-	2	1
Total Responses	11	31	3	0	2	1

15. How many people were there in the COMMUNITY that participated in the last three Open Green Maps that you composed?

#	Question	Latest Map Project	Previous Map Project	Older Map Project	
1	Up to 10 people	23	11	9	43
2	11-20 people	4	4	2	10
3	More than 20 people	7	4	7	18

Statistic	Up to 10 people	11-20 people	More than 20 people
Min Value	1	1	1
Max Value	3	3	3
Total Responses	26	8	10

16. Who was involved in recent projects

#	Question	Lates Map Project	Previous Map Project	Older Map Project	
1	Children	9	6	10	25
2	Seniors	8	3	5	16
3	Under-served populations	7	3	4	14
4	People new to sustainability	14	7	7	28
5	Low-income communities	5	4	6	15

Statistic	Children	Seniors	Under-served populations	People new to sustainability	Low-income communities
Min Value	1	1	1	1	1
Max Value	3	3	3	3	3
Total Responses	13	9	9	16	9

17. In which way do the mapmakers in your team communicate/cooperate with each other?

#	Answer	Bar	Response	%
1	Face-to-face	<div></div>	28	78%
2	Comments on Green Map	<div></div>	3	8%
3	Emails	<div></div>	28	78%
4	Social media (e.g. Facebook, twitter, etc.)	<div></div>	8	22%
5	Google docs	<div></div>	4	11%
6	Others:	<div></div>	6	17%

Others:
via whatsapp and text messaging
via our website
Huddle Group
phone
map webpage

Statistic	Value
Min Value	1
Max Value	6
Total Responses	36

18. For which of the following reasons have you corresponded with other mapmakers (not on your team) in the past 2 years? Check all that apply

#	Answer	Bar	Response	%
1	Sharing Ideas	<div></div>	23	64%
2	Ask technical questions	<div></div>	18	50%
3	Network with each others	<div></div>	13	36%
4	Contact for Business Dealings	<div></div>	3	8%
5	Correct information	<div></div>	5	14%
6	Others:	<div></div>	7	19%

Others:
Haven't contact anyone yet
re collaborating
Ask for information.
never comunication
no contact

Statistic	Value
Min Value	1
Max Value	6
Total Responses	36

19. I'd like to see more social interactions between mapmakers. (Interaction online or in person)

#	Answer	Bar	Response	%
1	Strongly Disagree		0	0%
2	Disagree		1	3%
3	Neither Agree nor Disagree		9	25%
4	Agree		16	44%
5	Strongly Agree		10	28%
	Total		36	

Statistic	Value
Min Value	2
Max Value	5
Mean	3.97
Variance	0.66
Standard Deviation	0.81
Total Responses	36

20. Who are your primary target users? (check all that apply)

#	Answer	Bar	Response	%
1	Other mapmakers	<div></div>	1	3%
2	Policymakers	<div></div>	1	3%
3	Consumers	<div></div>	4	11%
4	Neighborhood residents	<div></div>	18	50%
5	Tourists/visitors	<div></div>	7	19%
6	Students	<div></div>	4	11%
7	Journalists	<div></div>	0	0%
8	Academics	<div></div>	1	3%
	Total		36	

Statistic	Value
Min Value	1
Max Value	8
Mean	4.28
Variance	1.52
Standard Deviation	1.23
Total Responses	36

21. How do you promote your maps? Check all that apply.

#	Answer	Bar	Response	%
1	Events and conferences	<div></div>	22	61%
2	Distribution of printed materials	<div></div>	17	47%
3	My organization's website	<div></div>	28	78%
4	Email list	<div></div>	18	50%
5	Facebook	<div></div>	18	50%
6	Twitter	<div></div>	9	25%
7	Other Social Media	<div></div>	7	19%
8	Main stream media	<div></div>	1	3%
9	Other:	<div></div>	5	14%

Other:
local newspaper
in class and during committee meetings
Training course.
People who visit to the office

Statistic	Value
Min Value	1
Max Value	9
Total Responses	36

22. In which way did you get most feedback for the map you created?

#	Answer	Bar	Response	%
1	Face-to-face feedback (including events)	<div></div>	23	64%
2	Comments on Green Map	<div></div>	8	22%
3	Emails	<div></div>	15	42%
4	Social media (e.g. Facebook, twitter, etc.)	<div></div>	10	28%
5	Google docs		0	0%
6	Other:	<div></div>	5	14%

Other:
website comments
comments on map when required of students
haven't gotten any feedback
Minimal feedback so far







Statistic	Value
Min Value	1
Max Value	6
Total Responses	36

23. How often do you use each of the following social media platforms?

#	Question	Never	Less than Once a Month	Once a Month	Once a Week	2-3 Times a Week	Daily	
1	Facebook	2	2	1	7	8	15	35
2	Twitter	14	5	5	2	2	6	34
3	LinkedIn	8	3	8	7	5	1	32
4	QQ	26	0	0	0	1	1	28

Statistic	Facebook	Twitter	LinkedIn	QQ
Min Value	1	1	1	1
Max Value	6	6	6	6
Total Responses	35	34	32	28

24. How often do you update the Facebook page for your Green Map?

#	Answer	Bar	Response	%
1	Daily		2	6%
2	Weekly		4	11%
3	Monthly		2	6%
4	Quarterly		3	9%
5	Yearly		2	6%
6	I don't have a Facebook page for my Green Map		22	63%

Statistic	Value
Min Value	1
Max Value	6
Total Responses	35

25. Analytics is important about my maps.

#	Answer	Bar	Response	%
1	Strongly Disagree	<div></div>	1	3%
2	Disagree	<div></div>	0	0%
3	Neither Agree nor Disagree	<div></div>	13	36%
4	Agree	<div></div>	14	39%
5	Strongly Agree	<div></div>	8	22%
	Total		36	

Statistic	Value
Min Value	1
Max Value	5
Mean	3.78
Variance	0.81
Standard Deviation	0.90
Total Responses	36

26. How many times on average have you exported data from your projects?

#	Answer	Bar	Response	%
1	Weekly		0	0%
2	Monthly		3	10%
3	Every six months		6	19%
4	Yearly		8	26%
5	Other:		14	45%

Other:
never
Never
never
don't understand the question
Never
never, source data is elsewhere
not yet but will
never
never
Not regularly.
never
Never

Statistic	Value
Min Value	2
Max Value	5
Total Responses	31

27. What purpose have you exported data about your maps for? Check all that applies.

#	Answer	Bar	Response	%
1	I have never exported data from Open Green Map	<div></div>	16	48%
2	Data Analysis	<div></div>	2	6%
3	Archiving and Preservation	<div></div>	7	21%
4	Cross-Platform Preservation	<div></div>	3	9%
5	GIS Mapping	<div></div>	2	6%
6	Other:	<div></div>	3	9%
	Total		33	

Other:

will for data analysis

Parse and display in another form on webpage

Statistic	Value
Min Value	1
Max Value	6
Mean	2.45
Variance	2.94
Standard Deviation	1.72
Total Responses	33

28. Which of the following are you willing to share your map data with? This question is about open data. Check all that apply

#	Answer	Bar	Response	%
1	for non-profits	<div></div>	30	91%
2	For government agencies	<div></div>	24	73%
3	local businesses	<div></div>	12	36%
4	Large online Companies	<div></div>	5	15%
5	Academic institutions	<div></div>	24	73%
6	Others:	<div></div>	5	15%

Others:
community
anyone without profit motive
community groups
Any related stakeholders.

Statistic	Value
Min Value	1
Max Value	6
Total Responses	33

29. What parts of GreenMap.org's content would you like to have on your website?

#	Answer	Bar	Response	%
4	Your Open Green Maps with legend, sidebar	<div></div>	8	57%
5	Your Print Green Maps (image, legend)	<div></div>	4	29%
6	Linked list of your maps		0	0%
7	Your blog posts	<div></div>	1	7%
8	Other:	<div></div>	1	7%
	Total		14	

Other:

some selected icon categories most interesting for world citizens

Statistic	Value
Min Value	4
Max Value	8
Mean	4.79
Variance	1.57
Standard Deviation	1.25
Total Responses	14

30. Would you add this global content to your website:

#	Answer	Bar	Response	%
4	Icon Poster / resource	<div></div>	4	29%
5	Widgets with everyone's Green Maps	<div></div>	0	0%
6	Short videos	<div></div>	3	21%
7	Public comment center	<div></div>	0	0%
8	Crowdfunding widget	<div></div>	0	0%
9	Map search button	<div></div>	7	50%
10	Other:	<div></div>	0	0%
	Total		14	

Other:

Statistic	Value
Min Value	4
Max Value	9
Mean	6.93
Variance	5.15
Standard Deviation	2.27
Total Responses	14