

**Date:** Friday 26<sup>th</sup> August 2016

**Venue:** Dalhousie Building, University of Dundee



# Mapping Sustainability on Campus

## Community Engagement Topic Support Network

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### Attendees:

Lorraine Corbett	Heriot-Watt University
Trudy Cunningham	University of Dundee
Jenny Fraser	Glasgow School of Art
Severine Monvoisin	Edinburgh College
Rebecca Petford	EAUC
Viola Retzlaff	University of Glasgow
Eilidh Sinclair	Glasgow School of Art
Kate Thornback	SRUC
John Thorne	Glasgow School of Art
Martin Webb	Edinburgh College
Kim Young	Zero Waste Scotland

### Apologies:

Karen Rosell	University of St Andrews
Esmond Sage	University of St Andrews
Rehema White	University of St Andrews

### 1) Welcome and Introductions

*John Thorne, Community Engagement TSN Convenor*

Everyone was welcomed to the meeting, and asked to share why they had come to the event and what they hoped to get out of it:

- Ideas about connecting people about sustainable mapping
- Love maps!
- Considered mapping and using it to curriculum, engagement etc. and want to know more
- To present on a map we're working on
- Environmental accreditations – would be good to map biodiversity features in big grounds, for example
- Want to see examples
- Working on a sustainable food map and want to learn more
- Come from a design background and like maps as a tool for communications
- Want to map what is going on all the campuses at the moment and hope to learn how

## 2) RADIAL from GSA's Mapping Project – view slides [here](#)

*Jenny Fraser and Eilidh Sinclair, RADIAL Project, Glasgow School of Art*

RADIAL is funded by Zero Waste Scotland to run a mapping project on reducing waste – half way through 2 years of funding. Map was an idea to map out what is happening in Glasgow in terms of Zero Waste Living

- Recruited a project team to work on the project – students from a range of disciplines
- Ran as a series of interactive workshops, with stimulus such as existing maps on the table to look at them, and chat about what they wanted to get out of their own map
- Putting into play facilitation training from [Tripod](#). Wanted to ensure the group stayed involved all the way through the project with minimal drop-out. Used trust building, non-hierarchical structure, and ensured the participants took ownership. The staff are facilitators and take direction from the team as a whole.
- First meeting discussed “What is the Map” about what to include on the map (see [slide](#)). Food was discussed so the project became about more than reuse - sustainable living.
- Facilitators had to limit some ideas, such as removal of dumpster diving as it is illegal.
- Also discussed physical properties, and wanted a beautiful printed map which was more about clusters than accurate scale
- Timeline – knew it needed to be ready for Freshers (1<sup>st</sup> September deadline) which set a realistic capacity level. Phase 2 will go further with ideas on this still under development.
- Capturing data – the team set up an Excel spreadsheet with columns for capturing information, including categories (reuse and repair, food, second hand, services and equipment, get involved), then went out in the street to collect it. Each took part of the city (about promoting ownership and encouraged participants to research part of town they might not have seen before), with findings cross-referenced with desk-based research. There was a month to collect data with weekly meetings to check the right data was collected. Involved social media to promote the project.
- Final spreadsheet of data divided into 4 geographical areas of Glasgow, with ~40 items in each. Team collected info about opening times etc. that wasn't used on the designed phase 1 map in the end (just names and addresses). Data will be useful for phase 2.
- Then needed to make it beautiful! Brought inspiration along and worked together to brainstorm ideas – mixture of skills in the group was known from the start so those with drawing/design skills led here
- Plotted the data on a map to define boundaries – googled “how to plot postcodes on a map” and used a programme that came up to visualize the data
- Team worked to take the data and put it into their own map (see [slides](#) – 5 days to print date) which shows key roads and images of key buildings, with lots of layers. Used contours to show second hand areas, and plotted other points.
- On the back there are colour coordinated circles for each of the 4 areas with names and addresses, and some basic city-wide information that couldn't really be mapped.
- Developed to be folded so the first page is the story of the map.
- Hope that the map will encourage people to explore the city in a zero waste way.
- Glasgow Bike Station want to collaborate to run tours of the map for Freshers Week (rather than local sites) – good to use the map with another environmental organisation.
- Hope that it will be maintained in future years beyond the end of the project
- Another ARC project involved Mapping Sustainability Interactions at GSA (see slides). Project helpful to clarify who was linked and how to develop. Line map of connections with lots of types of points, developed using permaculture principle of zoning. Did theme maps for engagement, energy, etc. Not everyone knows they are involved in sustainability!
- Did one for communications to present the ARC project (see slides) – each line is a project stream which tells a story in a timeline. ARC was the central point of that map. Made on

the wall, then produced an image of it in Illustrator to use in a book made in InDesign to visualize the work of ARC - who we are, what we do, and how we do it.

- Mapping is good for creating order

Questions:

- What would you do differently next time? *Not much – lucky with project team, weren't in control of all the decisions. Will ask for feedback once the map is live. Probably have missed quite a few opportunities or items to include.*

### 3) Mapping Sustainability at the University of Dundee

*Trudy Cunningham, University of Dundee*

University of Dundee have lots of different maps for different purposes – pocket maps, ones for fire service, online maps. Used to have a green online map with layers and symbols for recycling etc. – now just all red dots on online campus map. Also maintain the local [OpenStreetMap](#) area.

Participants invited to go on a walk of campus with a basic campus map and think about how they would map sustainability on the campus.

Reflections on the walk:

- Campus here is on one site so a map is useful and easy. With multiple campuses which are not connected you need to create multiple maps.
- Regeneration projects and changing uses are interesting to talk about
- Mapping good for physical infrastructure, but how do you show social things like coops – just the headquarters? These marked as 'get involved' points on RADIAL Map.
- Recycle bins might not need mapped – people should know them! But reverse vending (unique things) good to map.
- Include green stuff, maybe like picnic spaces. Green areas are on the map, but you can make it personal – add a water feature / benches / quiet area info that matters to the students, or coffee areas which accept keep cups
- Mapping sustainability allows a way of showing clearly areas (such as a Students' Union, for example) which aren't doing enough work on sustainability
- Good to get as many people to feed into the mapping process as possible. Student volunteers are good if you show them the value. No need to incentivise in external ways, promote ownership rather than them helping you out with something.

### 4) Mapping for Evaluation and the Place Standard Tool

*Rebecca Petford, EAUC*

Scottish Government's [Place Standard Tool](#) can be used as an interactive way to assess the 'place' on your campus with a group of participants. Used as part of a number of charrettes in different town centres in Fife by Fife Council, often with groups of school children, to get them to assess the place and prioritise changes that need made to improve it. Can support funding applications or prioritisation. Possible to use on campuses and add more categories and create your own mapping assessment style – perhaps on explicit sustainability points etc.

Map in this case is more of a visualisation rather than a geographical map.

## 5) Mapping Sustainability in Scotland's Universities and Colleges as a Whole

*Rebecca Petford - EAUC*

Looking for feedback on the idea of mapping headline sustainability activities going on in Universities and Colleges around Scotland onto a map of Scotland, perhaps with symbols for different types of activity which allow smaller institutions or those with limited budgets a good chance to be awarded on the map. Concerns from audience about people's honesty and fairness, keeping it up to date, and the time resource required. It could become competitive – with both positive and negative results.

Alternative would be to have a map of Scotland with a link to each institution's resources on the Sustainability Exchange linked from their point on the map – easier to do and prevents duplication.

## 6) AOCB

*John Thorne, Community Engagement TSN Convenor*

TC - Leeds University had a great visual map of links within their campus in terms of sustainability which was discussed at the EAUC 2015 Conference. Find it [here](#).

TC - [GeoTourist](#) is an app which you can add your map to, which will allow it to be spoken to people with visual impairments. Dundee's Heritage Map uses this for inclusivity.

## 7) Thanks and Close of Morning Session

*John Thorne, Community Engagement TSN Convenor*

Everyone was thanked for their contributions to the workshop, and TC from the University of Dundee thanked for hosting.

## LUNCH

## 8) Mapping using OpenStreetMap Workshop

*Trudy Cunningham, University of Dundee*

[OpenStreetMap](#) is a free open source programme which allows you to add routes, objects and labels to maps of the world, and then download your maps for sharing. A large number of [apps and services](#) use OpenStreetMap for their maps.

TC led a workshop on the basics of using OpenStreetMap to add detail to a map of your local area and download the results for use in your institution. Lots of tutorials on this are available online.

Minutes prepared by: Rebecca Petford, EAUC Scotland Programme Coordinator, August 2016