

Southside

How do different composting methods, implemented across varying seasonal/climatic conditions, affect the quality and effectiveness of compost? Can these methods support the removal of toxins within contaminated soil?

WHAT WILL WE DO AND HOW?

1. To test different composting methods, we will set up three composting sites (Agnew Lane, Hidden Gardens, and The Bowling Green (Urban Roots)).
2. Each location, with support from soil scientists, will create compost using different sources of organic waste (e.g., household, cafe, and garden waste). They will conduct regular testing to see how composting affects soil, biodiversity, and food quality.
3. Using lab-based techniques, we might measure the effectiveness of these different composts to see whether they can improve soils and remove harmful toxins such as heavy metals and petroleum.
4. In collaboration with existing grassroots organisations, we will train locals to help in the monitoring process.
5. We will run a series of arts-based educational activities to engage people in composting and learn about its benefits. These might include exploring the barriers and opportunities people face in composting to make recommendations for future community composting in Glasgow.
6. We will explore whether composting projects can make people feel healthier, improve their well-being and increase their connection to nature.

WHAT DON'T WE KNOW?

1. The feasibility of testing soils both in a lab and on-site.
2. What composting method and type of waste will each site produce/use?
3. What testing methods will we use, and what are the markers of "good" compost?



WHAT ROLE(S) ARE REQUIRED?

We have identified the below project roles:

- Community Champion Project Leads
- Education volunteers
- Composting experts
- Recruitment of volunteers/ community groups
- Community gardeners
- Data collection and analysis volunteers

WHO'S ALREADY INVOLVED?

Key collaborators are Agnew Lane, the Hidden Gardens and Urban Roots. We are working closely with Glasgow Community Food Network.

FURTHER READING & SOURCES OF INSPIRATION

www.glasgowfood.net/assets/documents/Alternative-Composting-models-research-15_01_24.pdf
www.hutton.ac.uk/about/facilities/national-soils-archive
www.ukso.org

GET INVOLVED!

Want to contribute to this plan?

You can get in touch with us here:

<https://communitycollabglasgow.co.uk/contact-us>



Govan

Can an interactive online survey for tree mapping be used to monitor Govan's trees, identify climate changes, and engage people with nature?

WHAT WILL WE DO AND HOW?

1. Develop an online tree survey, potentially using Survey123 (part of ArcGIS)
2. Allow users to take photos of trees in Govan and record data including age, health, signs of animals, human connections and memories, and environmental changes over time, such as seasonal changes like blossoming and leaf shedding
3. Include elements that help visualise climate change effects and the role of trees in climate mitigation and adaptation
4. Collaborate with local community groups, schools, and families for broader understanding
5. Potentially collaborate with organisations like TCV (The Conservation Volunteers) to train citizens
6. Monitor social impact to assess if tree mapping increases pro-environmental behaviours and nature connectedness among participants.

WHAT DON'T WE KNOW?

1. How do we ensure that whatever we do doesn't replicate efforts already happening and that it serves a purpose to the citizens of Glasgow and those in decision-making positions?
2. Could we/do we want to add extra elements, such as virtual reality, to the map?
3. What are the variables for tree health? What other information is important to communities and decision makers?



WHAT ROLE(S) ARE REQUIRED?

We have identified the below project roles:

Community Champion Project Leads

Community Group Collaborators

Tree Guardians - Data collection and analysis volunteers

Tree survey trainers

WHO'S ALREADY INVOLVED?

We will work with Glasgow Science Centre and the Wee Forest, hoping that those involved will become guardians of this new space. We are also working with Glasgow City Council who have an existing tree map, and may work with organisations like TCV who can support the development of skills to carry out these activities.

FURTHER READING & SOURCES OF INSPIRATION

www.everytree.uk

www.nycgovparks.org/trees

www.scistarter.org/track-a-tree

www.naturescalendar.woodlandtrust.org.uk

<https://treezilla.org/about>

www.woodlandtrust.org.uk/support-us/act/tree-charter

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Glasgow West

How can we engage a broader audience in climate and environmental projects, especially in a city where experiences in nature can be limited? What impact do these projects have on the people engaged, and which are most effective at fostering care for the environment?

WHAT WILL WE DO AND HOW?

1. Develop a programme of activities targeting children and families, exploring nature and climate change from diverse perspectives
2. Monitor the impact on participants' nature connectedness and pro-environmental behaviours to see what approaches are most effective.

WHAT DON'T WE KNOW?

1. What approach(es) will we take? Discussions so far have focused on camera traps for monitoring animals in urban green spaces.
2. Where will we operate? Will we work through schools and/or community groups?
3. How can we build upon the work in Glasgow that is already happening around this?
4. What will the buy-in be for people who don't usually engage in these spaces?



WHAT ROLE(S) ARE REQUIRED?

We have identified the below project roles:

- Community Champions
- Planning and preparation of approaches and programmes of activity
- Facilitation of activities
- Monitoring and analysis of activities
- Community organisers

WHO'S ALREADY INVOLVED?

The Kelvin Biodiversity Network (TBC)

Friends of the River Kelvin (TBC)

RSPB (TBC)

We are keen to collaborate with existing groups and schools working in similar spaces or with any interested – reach out if this is you!

FURTHER READING & SOURCES OF INSPIRATION

www.tcv.org.uk/scotland/citizenscience/hogwatch-scotland

www.spotteron.com/spotabee/info

www.nature.scot/professional-advice/young-people-learning-outdoors-and-developing-skills/schools-camera-trapping-project

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Glasgow West

What are the barriers and facilitators to active travel in the West End? How can we better understand what people want from active travel routes and share routes that are valuable or increase sustainable mobility?

WHAT WILL WE DO AND HOW?

1. Collaborate with *Slow Ways* on their new initiative, *Make Ways*
2. Use the *Make Ways* online platform so participants can share obstacles in active travel
3. Pin alternative routes to highlight barriers and propose wish lists for options
4. Integrate this with existing models to offer a lasting app beyond GALLANT's lifespan
5. Offer suggestions based on data collected to improve active travel and reduce CO₂ emissions.

WHAT DON'T WE KNOW?

1. In previous meetings, finding an online platform that would last beyond the life of the initial funding proved tricky. We have since found *Make Ways*. Is this something fit for purpose that the community are interested in using?
2. Is there anything else similar already happening in Glasgow?
3. What is missing from existing data (e.g. that collected via Strava and Sustrans)? Will data on obstacles be useful?
4. What are the variables at play here, and what are diverse users needs?

WHAT ROLE(S) ARE REQUIRED?

We have identified the below project roles:
Community Champions
Facilitation of activities (Launch workshops)
Monitoring and analysis of data
Community organisers



WHO'S ALREADY INVOLVED?

Looking to collaborate with:

Slow Ways
Women on Wheels
Paths for All
Living Streets

James Bonner's Active Mobility hub
Bikes for good
Parents for the Future
Kidical Mass



FURTHER READING & SOURCES OF INSPIRATION

www.beta.slowways.org

www.bicizen.org

www.heraldscotland.com/business_hq/23477832.shawlands-bike-bus-glasgow-joins-barcelona-inspiration
www.actify.org.uk/strath-activemobility

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Govan

How can the community of Govan be meaningfully involved in adapting to increased flooding risks caused by climate change and its impact on the River Clyde?

WHAT WILL WE DO AND HOW?

Ideas include:

- Monitoring and mapping water in Govan to both see changes over time and across the seasons, whilst also increasing awareness
- Installing water butts (rain water collection containers) in schools and community spaces to monitor rainfall and ensure less water enters drains as a means of coping with increased rain
- Exploring the mental health and well-being impacts of flooding in Govan, how do we create a safe space that minimises flooding anxiety whilst acknowledging the very real challenges?

WHAT DON'T WE KNOW?

We need to establish how we might bring ideas together and engage people who aren't currently active in this space.

As a warm-up activity for this project, we will run around three workshops that explore flooding from different perspectives, including decision-making, the science of flooding (expect a wee trip to Glasgow Science Centre) and our relationship to the water around us - particularly interesting and relevant given Govan's history with the River Clyde. We're also hoping to collaborate with TCV (The Conservation Volunteers) on their projects in the area. We are closely linked with Sunny Govan Radio to ensure we cater to all the people of Govan!



WHAT ROLE(S) ARE REQUIRED?

We have identified the below project roles:
Community Champions
Facilitation of activities (Launch workshops)
Monitoring and analysis
Community organisers

WHO'S ALREADY INVOLVED?

Sunny Govan Radio
Glasgow Science Centre
Govan Old

We might collaborate with existing efforts from TCV (The Conservation Volunteers)
Initial contacts made with Govan Help



FURTHER READING & SOURCES OF INSPIRATION

www.rbge.org.uk/collections/living-collection/sustainability-at-the-gardens/the-rain-garden
www.storymaps.arcgis.com/stories/30382647b67143a89182e24d01b2687e
www.environment.gov.scot/get-involved/scottish-freshwater-hub/rainfall-observers-network
www.ubdc.ac.uk/research/research-projects/urban-sustainability-participation/waterproofing-data
www.americanrivers.org
<https://livingwithwater.co.uk/projects>
www.dynamiccoast.com

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