

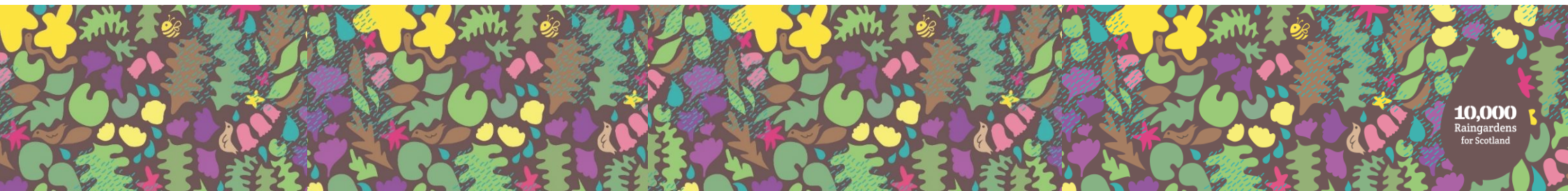


10,000 Raingardens for Scotland

Testing and Monitoring Neighbourhood level Raingardens

*Connecting Nature Innovation summit
World Café, 23rd March 2021*

Green Action Trust

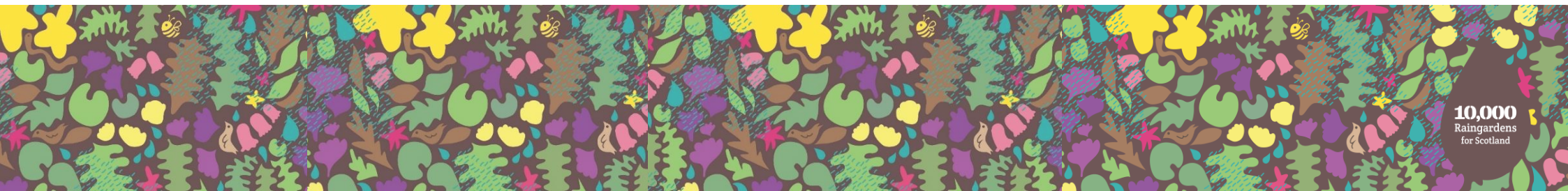


“A raingarden is a vegetated area designed to use, slow down and hold back rainfall”

- Concept developed in 2014 by Scottish Green Infrastructure Forum
- Promotional initiative until 2019
- Glasgow pilot project in Glasgow 2019-20
- Constant search for funding to move forward
- Identification of the need to build a proper business case, not just for funders / investors but also for policy makers, practitioners and professionals
- Support the above by producing Scotland relevant guidance, specifications, design manual and training.



Amsterdam, Java- Eiland



Benefits of raingardens

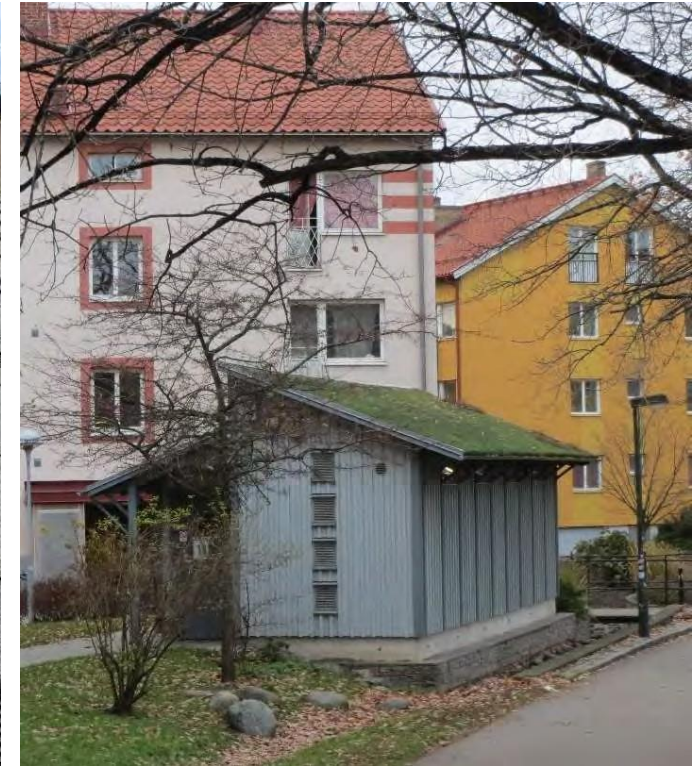
Regularly cited benefits include:

- Flood mitigation
- Drainage issues
- Air quality
- Water quality
- Biodiversity
- Green networks
- Amenity
- Traffic management
- Health and well-being
- Recreation value

But these are not properly quantified for Scotland in a way that encourages their use.



Ashford, Kent



Augustenborg, Malmo



A raingarden is a vegetated area designed to attenuate rainfall

Opportunities for monitoring

Some recently installed
raingardens offer the opportunity
to gather monitoring data.

Mainly:

- Rainfall
- Storm events
- Surface water flow
- Biodiversity
- Community opinion

Several new sites at the design
stage offer an opportunity to
gather extensive before, during
and after data, to support the
development of a business case
for policy makers and
practitioners.



Lanarkshire, Scotland

Queensland Court and Gardens - Draft



Meadowhead Road Raingardens

DRAFT



10,000
Raingardens
for Scotland

A raingarden is a vegetated area designed to attenuate rainfall

Development of a Raingarden Logic Model and Monitoring and Evaluation Framework.

Use up to 5 neighbourhood level schemes to test the framework and gather initial data.

Produce bespoke Management & Maintenance plans for different features

This is what we have so far.

Environmental	Social	Economic
Water attenuation	Greenspace	Economic regeneration
Flood impact	Aesthetics	Business perception
Biodiversity	Community perception	Skills and training
Pollution	Health and well-being	Accessibility
Connectivity / green networks	Behaviour change	Community viability / area profile
Traffic and congestion reduction	Recreation / outdoor access	

What are we missing?



A raingarden is a vegetated area designed to attenuate rainfall

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