Climate & Natural Capital Benefits of Actions for Pollinators

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Derry & Strabane Green Infrastructure Plan 2019 - 2032

Aims

1. Increase awareness, appreciation and use of Green Infrastructure

2. Integrate Green Infrastructure principles into policy and decision making

3. Protect, improve and increase Green Infrastructure through good design, planning and asset management

4. Deliver Green Infrastructure’s full potential for people and place, developing economic prosperity, biodiversity and responding to climate change.
Council’s Pollinator Plan

Legend: Action

- Cut & lift grass with Amazone mower in late August
Don’t Mow Let It Grow
Natural Capital

Stock of natural assets

| Parks | Water bodies | Street trees |

Provisioning services
- Food
- Timber
- Biomass fuel
- Hydroelectricity
- Clean water

Regulating services
- Climate stability
- Temperature
- Flood water
- Air and water quality
- Soil nutrient cycling

Habitat services
- Habitat for species
- Genetic and species biodiversity
- Pollinators for agriculture

Cultural services
- Opportunities for recreational activity
- Tourism
- Aesthetic quality
- Place-making

Flow of services

Value of services

Benefits to people, business, and society
Carbon savings

• A reduction in grass cutting from ~15 to one / two cuts a year results in saving 2T of carbon in 2021. This helps Council to reduce the carbon footprint of our operations.

• For example, at Bay Road Park Local Nature Reserve, we saved 197 kg CO2 in 2020 (2L petrol x 3.3 ha x 2.3 kg CO2 x 13 less cuts) (Defra, 2019).
A landscape scale approach to grassland management, can create a network across the District & region for pollinators.

Create space for people & wildlife.

Provide additional ecosystem services benefits, for example, pollination & health & well-being services.

Reduce carbon footprint of operations by reducing grass cutting.
For further information visit:
www.derrystrabane.com/biodiversity