Green
Infrastructure Plan
2019 – 2032



Natural Capital Benefits of Actions for Pollinators



Dr. Christine Doherty

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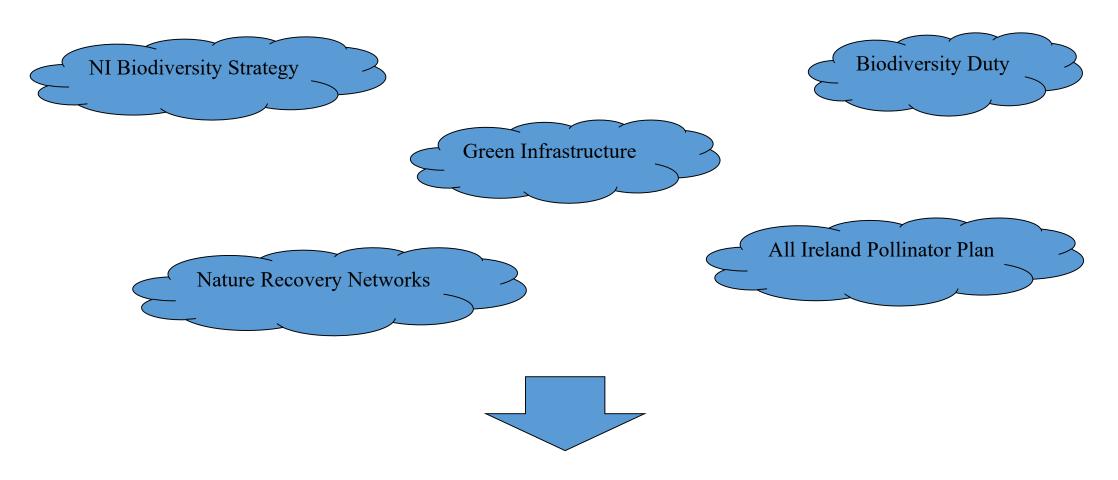


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Greenspaces provide a range of additional benefits which are not monetised.

Policies & Legislation

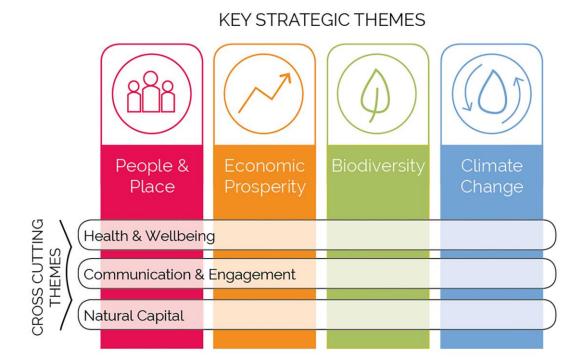


Nature Positive 2030 Biodiversity (COP15) & Climate Change (COP26)

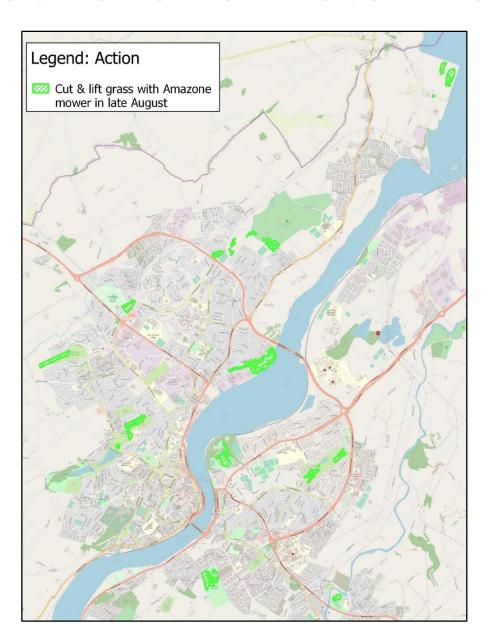
Derry & Strabane Green Infrastructure Plan 2019 - 2032

Aims

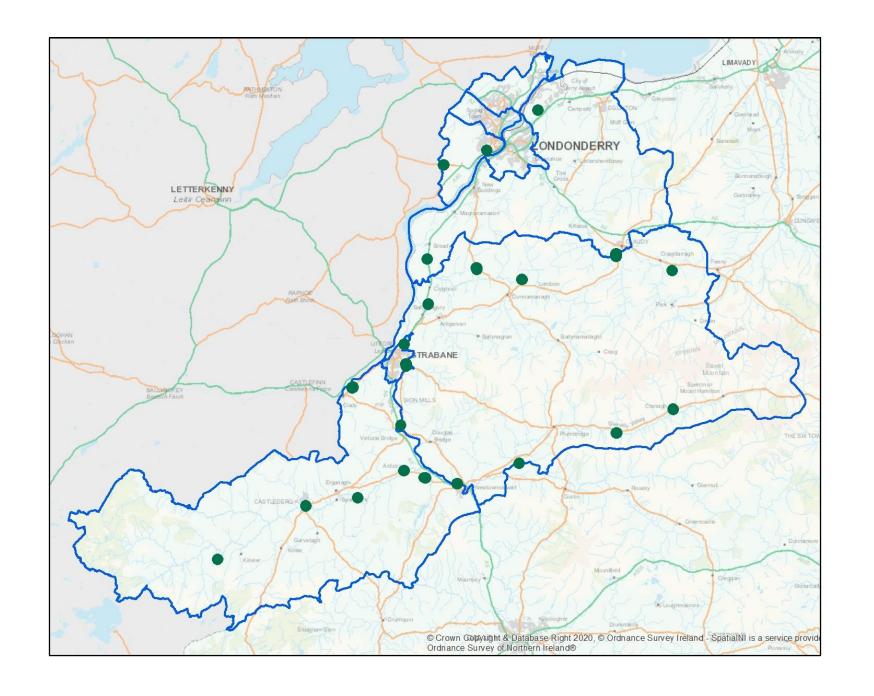
- 1. Increase awareness, appreciation and use of Green Infrastructure
- 2. Integrate Green Infrastructure principles into policy and decision making
- 3. Protect, improve and increase Green Infrastructure through good design, planning and asset management
- 4. Deliver Green Infrastructure's full potential for people and place, developing economic prosperity, biodiversity and responding to climate change.



Council's Pollinator Plan

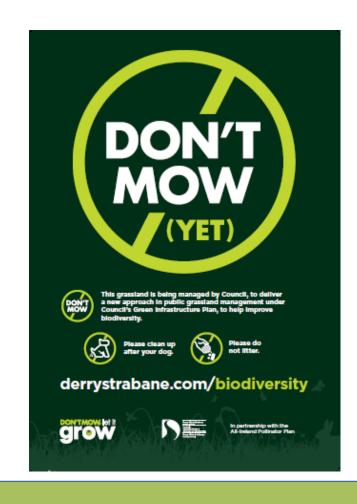






Don't Mow Let It Grow







Don't Mow Let It Grow









Stock of natural assets				
Parks	Water bodies	Street trees		

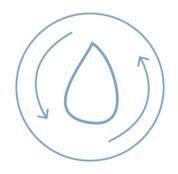
Flow of services

Provisioning services	Regulating services	Habitat services	Cultural services
• Food	Climate stability	Habitat for species	 Opportunities for
 Timber 	 Temperature 	 Genetic and species 	recreational activity
 Biomass fuel 	 Flood water 	biodiversity	• Tourism
 Hydroelectricity 	 Air and water quality 	 Pollinators for 	 Aesthetic quality
 Clean water 	 Soil nutrient cycling 	agriculture	Place-making

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.
- 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).



Summary



- A landscape scale approach to grassland management, can create a nature recovery network across the District & region for pollinators.
- Reverse the decline in pollinators, by creating space for people & wildlife.
- Provide additional ecosystem services benefits, for example, pollination & health & well-being services.
- Contribute to delivering national & international policies on biodiversity loss & climate change.
- Reduce carbon footprint of operations by reducing grass cutting.

