



GMCA GREATER
MANCHESTER
COMBINED
AUTHORITY

Greater Manchester

A city region perspective on encouraging green urbanisation

NATURAL
OUR WATER. OUR FUTURE
COURSE



European Union
European Regional
Development Fund



GM's 5-Year Environment Plan (5YEP) sets out an ambitious vision for a "clean, carbon-neutral, climate resilient city region with a thriving natural environment", and demands urgent action to achieve this.

Threats facing GM's natural environment...

Land management	GM accounts for 3.6% of annual UK CO2 emissions
Water environment	Over 90% of GM's waterbodies fail to meet legislated objectives; increasing frequency of flooding
Biodiversity	Planning approach of no net loss; lack of green space and ecological networks
Investment in the natural environment	Insufficient funding to protect GM's natural environment; lack of business models to attract alternative sources
Natural environment engagement	Lack of recognition of benefits that nature can deliver for the economy and society



...5YEP ambitions

Plant 1m trees by 2024, 3m by 2035
Restore 50-75% of GM's peatlands by 2040
Carbon neutral city region by 2038

Improve GM waterbodies to achieve legislative requirements by 2027; shift to more nature-based solutions for flood alleviation schemes

Embed biodiversity net gain for developments and deliver a GM Nature Recovery Network

Develop a GMEF to broaden the range of funding sources; deliver investment readiness support and proof-of-concepts

Widen engagement through volunteering and employment opportunities; build on evidence base to promote benefits

The Covid-19 pandemic has only increased the importance of delivering on these ambitions as soon as possible to boost the local economy, create jobs, increase climate resilience and enhance the wellbeing of GM's residents.



Greater Manchester Natural Capital Investment Plan

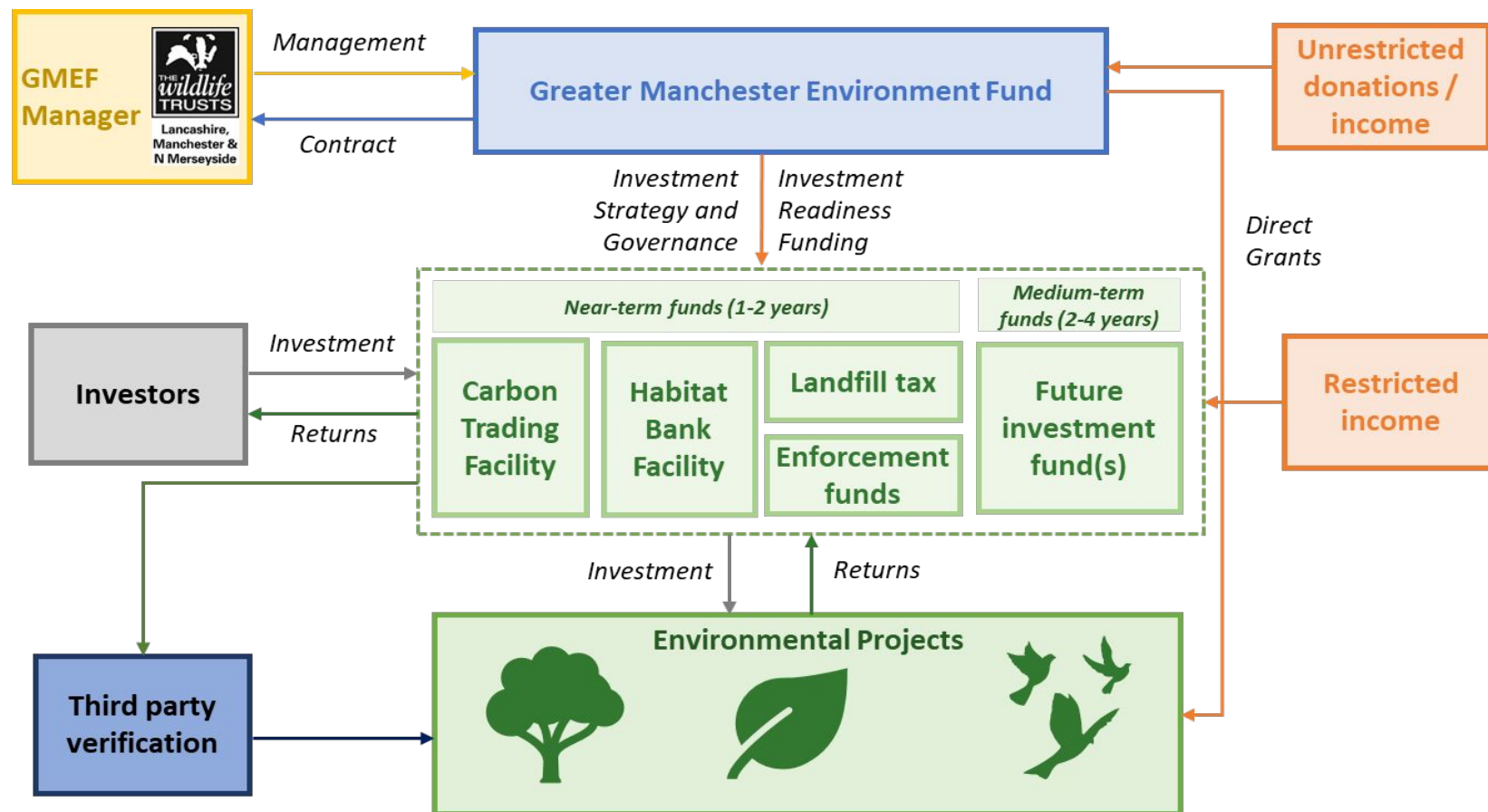
EXECUTIVE SUMMARY — JANUARY 2019

eftec, Environmental Finance and Countryscape to Greater Manchester Combined Authority (GMCA)



Greater Manchester Environment Fund (GMEF)

The GMEF is a unique approach taken by a UK city region to strategically aggregate and leverage funding through an independent governance vehicle to deliver its environmental ambitions.



The GMEF provides a transparent mechanism to collate funding sources and provide a governance framework to house further vehicles designed to fund specific natural capital projects in GM.

Aim: To establish innovative nature-based solution funding and delivery mechanism to increase GM urban green infrastructure coverage to build resilience of the city-region to climate change



the Ignition PROJECT

NATURE-BASED SOLUTIONS TO THE CLIMATE EMERGENCY




Develop business models and funding mechanisms

Create pipelines of projects across the City Region

Build investor confidence in nature based solutions

Develop special purpose vehicle for city region scale delivery



Sustainable Urban Drainage Systems

Public parks and greenspaces

Biosolar green roofs



Thank you

For more information:

- <https://naturegreatermanchester.co.uk/project/greater-manchester-natural-capital-investment-plan/>
- <https://www.greatermanchester-ca.gov.uk/what-we-do/environment/>
- <https://www.greatermanchester-ca.gov.uk/what-we-do/environment/natural-environment/ignition/>