



PLAN ZERO

Green Planet Design®

Sustainable solutions and enhanced biodiversity
from Mitie Landscapes





Contents

Starting your green journey	02
What are the environmental benefits?	03
Services	07
Services at a glance	19
Get Decarbonisation, Delivered	22



Starting your green journey

Thanks to an increased focus on nature at COP27, the world is now realising that the climate crisis and biodiversity are inextricably linked.

Biodiversity is still very much an emerging consideration for organisations, and most are at the beginning of the process.

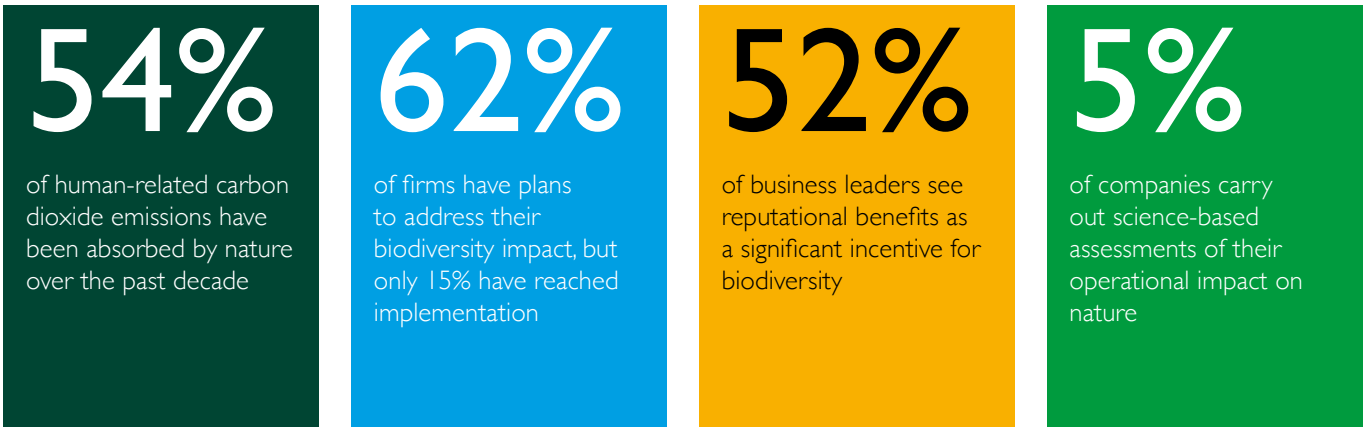
No matter what point in your biodiversity journey you are, there are numerous options for next steps. From big hitting projects, to smaller more cost effective initiatives, it may be a little daunting deciding which way to go.

This Green Guide summarises the benefits you can gain from our services including biodiversity increase, carbon reduction, flood mitigation, health and wellbeing and enhanced management information.

Each service has been graded for environmental benefits. This will help you identify services that will be most beneficial to your organisation's goals, as well as matching the needs of your property.

“Where industries like construction already have legal requirements to increase their biodiversity, others will inevitably follow. And the best thing you can do is take action now and get ahead.”

Don Holmes – Head of Natural Environment



Sources: WWF CBI Economics World Benchmarking Alliance

What are the environmental benefits?



What are the environmental benefits?



04

Biodiversity increase

The UK is one of the most nature depleted countries in the world. Driven by the loss of our native habitats, including meadows, hedgerows, woodlands and ponds, negative consequences include:

- Poor water availability
- Poor crop fertilisation
- Reduced health and wellbeing
- Climate / temperature impacts

Our solutions can help stop this decline, and can be applied on small properties or scaled-up for larger more complex properties and portfolios.

All changes, no matter how small, contribute to a big difference for local biodiversity

Carbon reduction

Carbon emissions are a major driver of climate change. However, organisations can mitigate against their emissions by increasing biodiversity and, in turn, carbon absorption.

Nature-based solutions should be part of your decarbonisation journey. There are many ways you can do this, including planting trees and hedgerows, creating sustainable urban drainage systems and installing living walls.

Mitie offers waste consultancy, which can help you reduce plastic waste and stop the carbon emissions that would be released by the production of new plastic. We can also advise on changes to the way you manage vegetation on your property.

Flood mitigation

Our natural landscapes are slowly disappearing. As urban landscapes expand we are replacing our naturally draining land with car parks, roads, buildings and infrastructure.

As a result the risk of flooding is higher than ever and expensive protective measures may be required.

Mitie offers natural solutions to reduce the reliance on artificial infrastructure, from sustainable drainage systems such as reed beds, to living walls and green roofs, which reduce and slow water build-up.

Health and wellbeing

Natural landscapes have been shown to have a positive impact on health and wellbeing. Living walls, native habitats and increased biodiversity improve the health of colleagues by producing cleaner air and increase wellbeing by providing beautiful, peaceful spaces.

Increasing green spaces raises the appeal of your environments and can benefit the health and wellbeing of those who visit them.

Biodiversity or carbon KPIs

When you invest in your green spaces you want measurable, data-driven evidence of the benefits.

Our solutions provide you with the data you need to support investment decisions. We do this by baselining biodiversity levels using nationally recognised methods and providing ecologically based landscape enhancements. We can also provide management plans to ensure any investment in biodiversity makes financial sense.





Services



Services



Living walls

Living walls are a stunning enhancement to any building or structure. They not only benefit biodiversity, health and wellbeing and air quality, but help regulate building and city temperatures while absorbing carbon. Living walls are a fantastic way to transform your property and boost your green credentials.

Green and brown roofs

Green roofs come either fully planted (using sedum plants), or unplanted (a brown roof, allowing native plants to colonise). They are an excellent way to improve biodiversity, distribute rain water, moderate building temperatures and reduce the building's carbon footprint. Green roofs are a high-end installation that offer fantastic benefits.

Pocket meadows

For properties with limited space, pocket meadows are the perfect solution. Easy to plant in existing planters or troughs (or even in skips and bulk bags!). They can be moved about as needed and can be used to add a splash of colour. Pocket meadows are a great, cost effective way to add some wildlife-friendly plants to smaller sites.

Meadows

If you have a little more space going spare, you may want to look into a wildflower meadow. A versatile and easy to install solution, they provide habitats for a wide range of species, and will super-charge biodiversity on your property. Meadows also boost health and wellbeing with only a moderate investment.

Native hedgerows

Native hedgerows are among the most impactful ways to boost biodiversity. Their positive effect can be dramatic, particularly when the native hedgerows connect with other habitats such as woodlands, ponds and meadows.

Non-native hedgerows

Non-native hedgerows are ideal for a more formal look. Plant species can be selected for flowers and fruits to benefit wildlife, still delivering year-round visual impact and smart appearance, and providing an excellent boost to biodiversity.





Artificial habitats

We offer a wide range of habitats in wood or stone, suitable for a wide range of species including birds, bats, hedgehogs, butterflies, bees, amphibians and reptiles. Our habitats are cost effective and are available as products, or hand built using recycled materials. A great way to boost biodiversity.



Pollinator-friendly shrubs

Using pollinator-friendly shrubs you can create an attractive display of plants that provides nectar for insects. A simple way to increase biodiversity on your property, this solution can be made even more sustainable by using drought tolerant plants, with a range of flowering times throughout the year.



Wildlife ponds

Wildlife ponds are a surprisingly simple, cost effective way to boost biodiversity in and around the pond. Once installed, maintenance requirements are minimal, and the pond will naturally be inhabited by wildlife.



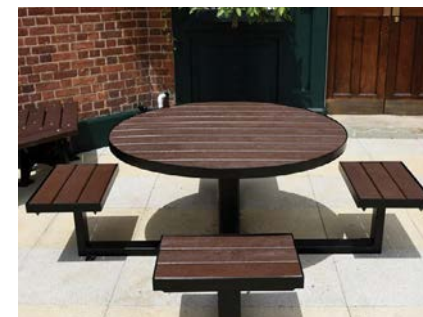
Composting systems

Composting green waste on-site is a great way to reduce green waste to landfill as well as the emissions associated with transporting such waste. Compost retains healthy nutrients on-site, increasing soil health and contributing to thriving habitats and wildlife.



Green roof cycle shelters

With increased numbers of colleagues and general public taking up cycling, having a safe place to store bicycles while boosting biodiversity has never been simpler. As long as you have a solid, flat surface, these cycle shelters can be delivered fully assembled and secured in place within minutes.



Recycled-plastic street furniture

Reducing the quantity of plastic being sent for disposal is key to tackling the amount of waste sent to landfill. Sourcing long-lasting benches, tables and other items made from recycled plastic is a cost effective way of making a sustainable change.





Biodiversity planters

With built-in shelters for a wide range of species including hedgehogs, bees, reptiles, amphibians and bugs, these planters help increase biodiversity on any property. They look smart and attractive, as as they're made from recycled plastic, they're sustainable too.



Sustainable urban drainage systems

Where water management needs to be improved, or simply made more sustainable, our sustainable urban drainage systems (SUDS) are a great solution. Achieved through unique SUDS modules where space is limited, or through reprofiling the ground and using native plant species, biodiversity will be increased and water carefully managed. This solution mitigates the threat of flooding.



Remote wildlife sensors

Using low cost remote sensors placed strategically around your property, we can provide a real-time picture of biodiversity health to support your KPIs. They can be relocated at any time to other properties, making them a super simple, cost effective way to get live data on your biodiversity credentials.



Biodiversity audits

Using a range of criteria to assess a property's biodiversity, habitats, geographical setting and surrounding natural landscapes, we'll grade the potential for nature recovery. We also provide costed recommendations to enhance your landscape for nature, without compromising your property's core function.



Waste stream recycling

Using recycling litter bins, and a back of house waste stream separation service, we're able to increase the amount of waste being recycled, including mixed-dry recyclables, glass and aluminium. This reduces your property's carbon footprint.



Interior planting

Using peat-free planting, we create stunning interior plant displays that bring your work space to life. Our displays will improve your property's appearance, bringing cleaner air, benefiting health and wellbeing and improving colleague productivity.





Ecological land management

Bringing ecology and grounds maintenance together, we deliver attractive, safe landscapes that allow our native wildlife to thrive, while managing habitats through an ecological management plan.



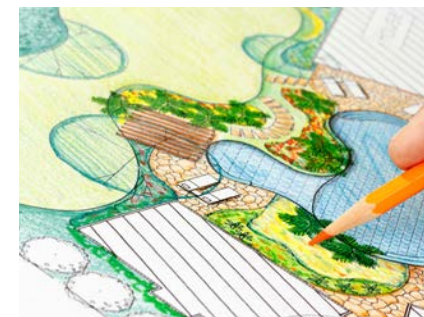
Square Mile Farms

Creating an indoor urban mini-farm in your building is remarkably easy through our partners at Square Mile Farms. Create a community of growers who can get involved in the growing and harvesting of crops across the year, boosting wellbeing and productivity.



City teams

Our city teams are designed to deliver sustainable services with net zero carbon emissions. The service uses electric vehicles and battery-powered equipment as well as eliminating the use of chemicals and single use plastics. The teams are equipped to deal with both interior and exterior grounds maintenance.



Landscape design

We will work closely with you to understand the unique nature of your property and requirements. We identify the landscape features best suited to your needs and create a fully specified and costed landscape design. We'll help bring your property to life.



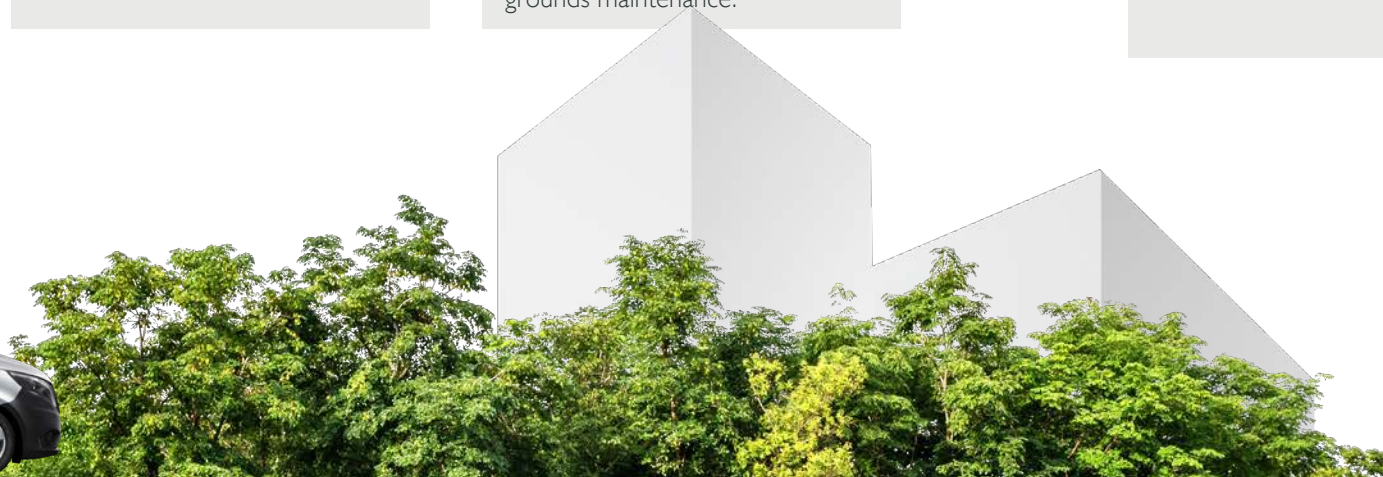
Biodiversity net gain

We can provide you with scientifically calculated baseline data that will establish current levels of biodiversity. We will then identify potential increases in biodiversity and recommend how best to achieve them.



Biodiversity management plans

Biodiversity management plans provide you with a clear roadmap to achieve your environmental goals. We will work with you to design your biodiversity roadmap, taking account of your environmental strategy and the unique considerations of your property.





Preliminary ecological appraisals

This appraisal assesses every part of your property's grounds. Our service provides an in-depth ecological understanding of the property, its current use and impacts, and provides recommendations to enhance the site for wildlife that remain sensitive to your property's primary function.



Natural capital accounting

Natural capital accounting provides detail on potential financial returns from biodiversity increase, carbon sequestration and the health and wellbeing value to colleagues. It is also a useful tool for planning applications and within ESG strategies.



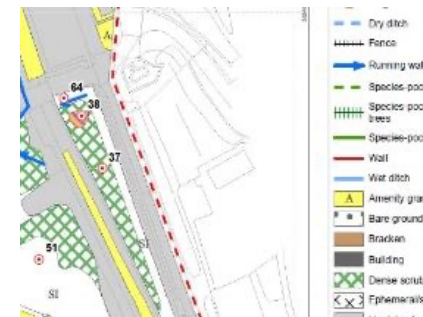
Land for nature audits

By surveying the habitats within an existing landscape, we make recommendations on allocating a percentage of that landscape for nature. We take the property's primary function and how it is used by colleagues and visitors into consideration.



Species surveys

Our ecologists will establish how many native species are present on your property. These surveys are great for planning habitat enhancements, approval for planning permissions or baselining data for biodiversity KPIs.



Habitat surveys

Our ecologists will classify the habitats on your property, their condition, and how beneficial they are for native wildlife. We will make recommendations for enhancements and habitat creation, removing any guesswork in the move to enhance your property for nature.



Topographical surveys

Our ecologists will survey the physical boundary, levels and features of your property using a geographic information system. We will provide a definitive map of your property that can be used for planning, habitat mapping and more.





Services at a glance

Summary of Services

Service	Biodiversity Increase	Carbon Reduction	Flood Mitigation	Heath and Wellbeing	Biodiversity or carbon KPIs
Living Walls	Very Good	Good	Good	Excellent	Very Good
Green and brown roofs	Very Good	Good	Very Good	Very Good	Very Good
Pocket Meadows	Good	Good		Very Good	
Meadows	Very Good	Good	Very Good	Excellent	Very Good
Native Hedgerows	Excellent	Excellent	Very Good	Very Good	Very Good
Non-native Hedgerows	Good	Excellent	Very Good	Very Good	Good
Artificial Habitats	Good			Good	Good
Pollinator-friendly Shrubs	Very Good	Good	Very Good	Excellent	Good
Wildlife Ponds	Excellent	Excellent	Good	Excellent	Good
Composting Systems	Good	Good		Good	Good
Green Roof Cycle Shelters	Good	Good		Good	Good
Recycled-plastic Street Furniture		Good		Good	Good
Biodiversity Planters	Good	Good		Good	Good
Sustainable Urban Drainage Systems	Very Good	Excellent	Excellent	Good	Excellent
Remote Wildlife Sensors					Very Good

Service	Biodiversity Increase	Carbon Reduction	Flood Mitigation	Heath and Wellbeing	Biodiversity or carbon KPIs
Biodiversity Audits					Excellent
Plastic-free Litter Picking	Good	Good		Good	Excellent
Waste Stream Recycling		Excellent		Good	Excellent
Interior Planting		Good		Excellent	Good
Ecological Land Management	Excellent	Excellent	Very Good	Excellent	Excellent
Square Mile Farms		Good		Excellent	Good
City Teams	Good	Excellent		Good	Good
Landscape Design	Very Good	Very Good	Good	Excellent	Very Good
Biodiversity Net Gain	Excellent	Very Good		Excellent	Excellent
Biodiversity Management Plans	Excellent	Very Good	Good	Very Good	Excellent
Preliminary Ecological Appraisals	Excellent				Excellent
Natural Capital Accounting	Excellent	Excellent	Very Good	Good	Excellent
Land for Nature Audits	Excellent	Very Good	Good	Excellent	Very Good
Species Surveys	Very Good			Good	Excellent
Habitat Surveys	Very Good	Very Good	Good	Good	Very Good
Topographical Surveys	Good		Good	Good	Very Good

Get Decarbonisation, Delivered

We want to help you turn your ambition into action and get Decarbonisation, Delivered.

At Mitie, we've spent the last decade helping some of the country's largest organisations to decarbonise. In that time, we've noticed five perceived challenges that prevent the successful execution of these initiatives at scale:

- Can we afford to decarbonise?
- How do I build a business case for decarbonisation?
- How do I get everyone on the same page?
- How do I build a long-term plan for decarbonisation?
- How do I choose the right partner?

If any of that sounds familiar, don't lose hope. We can help you overcome these challenges and accelerate your net zero strategy.

[Read our 'How to succeed at decarbonisation' eBook](#)





PLAN ZERO

For more information about how Mitie can enhance sustainability and biodiversity at your organisation, contact your Mitie Account Manager, or email:

sustainable.landscapes@mitie.com.

The Shard, Level 12
32 London Bridge Street,
London, SE1 9SG

mitie.com/planzero

Ref: 0456_EB_100823