



PEATLAND RESTORATION

the future forest company



WHY RESTORE PEATLAND?

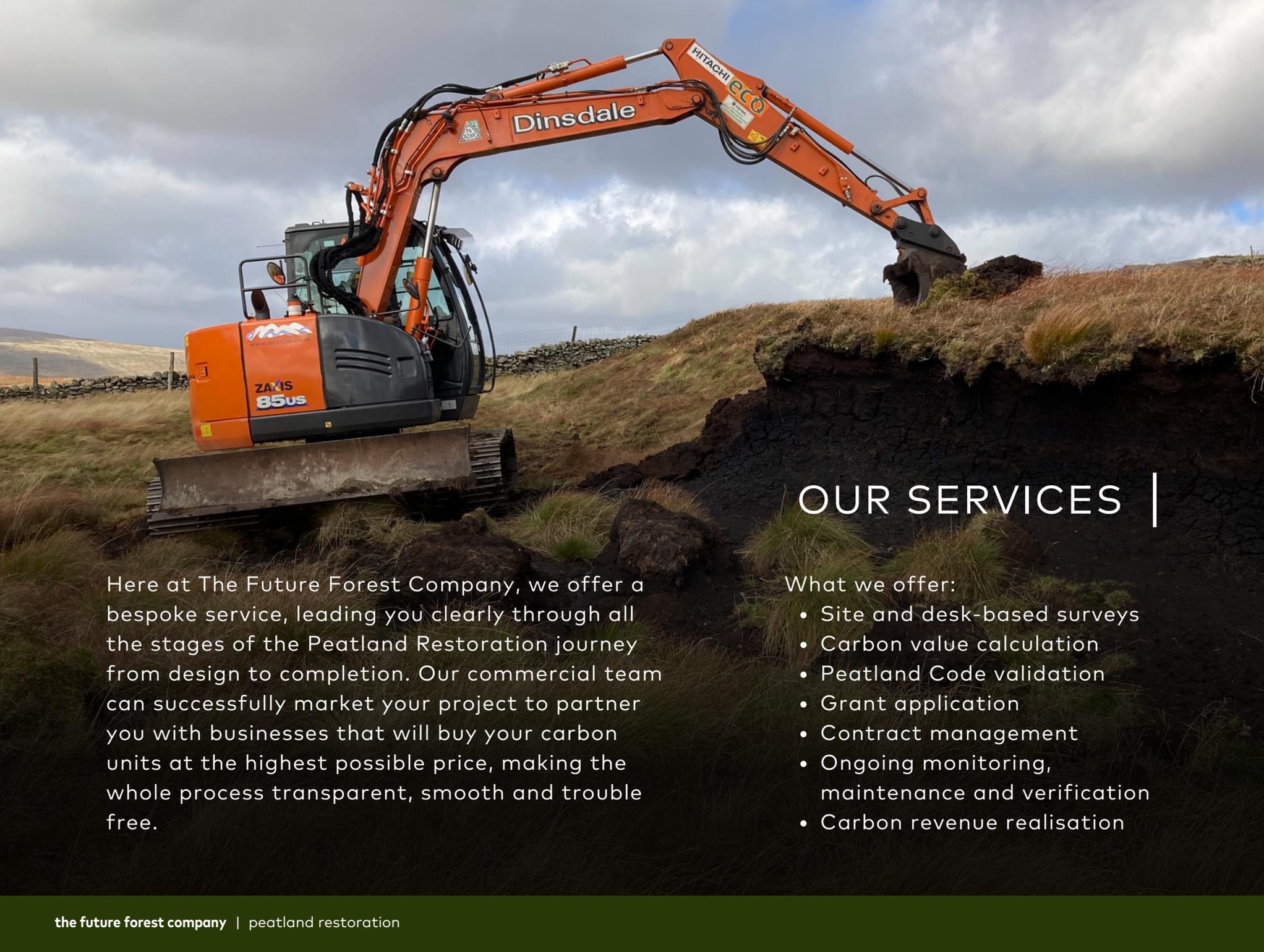
Peatlands are a vast terrestrial carbon store, but when in poor condition, eroding peatlands release CO₂ into the atmosphere and contribute to climate change. Degraded peatlands can also have a negative effect on water quality, water regulation and fisheries, and can increase the risk of wildfires.

In contrast, restored, healthy peatlands are home to specialised plant and animal life, positively contributing to native biodiversity. Alongside their carbon storage properties, they also provide natural flood and wildfire mitigation.

Restoring peatland can also be a source of income for landowners. Grants are available for peatland restoration work and by registering your project with the Peatland Code, the emissions reductions made will be verified. This generates carbon credits, which can provide a potentially significant income.



Image photo credits:
Lindsay Mackinley



OUR SERVICES |

Here at The Future Forest Company, we offer a bespoke service, leading you clearly through all the stages of the Peatland Restoration journey from design to completion. Our commercial team can successfully market your project to partner you with businesses that will buy your carbon units at the highest possible price, making the whole process transparent, smooth and trouble free.

What we offer:

- Site and desk-based surveys
- Carbon value calculation
- Peatland Code validation
- Grant application
- Contract management
- Ongoing monitoring, maintenance and verification
- Carbon revenue realisation



WHY CHOOSE US?

Our experienced in-house team is dedicated to restoring peatlands, using restoration best practice and maximising revenue. We have delivered successful grant funded and Peatland Code validated restoration projects on our own land holdings across Scotland and England.

Our Peatland Project Manager Matthew Cook has many years of experience in completing successful restoration projects. Our team provide a trustworthy, flexible and transparent approach to suit your land, business and financial needs.

Contributing to what is an emerging technical field, we have close working relationships with organisations including Yorkshire Peat Partnership, the Peatland Code, Peatland ACTION and a range of specialised contractors across the country.

Visit [our website](#) to review case studies of our recent projects and to learn more about the restoration process.

SWARTHGHYLL, YORKSHIRE DALES

Size of the peatland site

57.9ha of peatland restored

Project duration

Around 15 months in total. Surveying began in December 2021, followed by planning, funding application and peatland code validation. Contractors started work in October 2022 and completed work in February 2023.

How much carbon will be captured?

Across a project term of 100 years, a reduction of 9499 tCO₂e will be made.

PEATLAND
CODE 



CASE STUDY



The planning process

Desk-based surveys using aerial images to identify potential restoration features were undertaken; site surveys were conducted to pinpoint drains, hags and bare peat areas; a full peat depth survey was completed along with ecological and historic environment surveys.

We worked with Yorkshire Peat Partnership to successfully gain funding from Defra's Nature For Climate Peatland Grant Scheme. The project has been Validated by The Peatland Code verifying the carbon emissions reductions made over the lifetime of the project. We are now beginning comprehensive monitoring of restoration success and the work will be Verified 5 years after site work has finished.



The restoration process

Ditches were blocked with peat dams to stop organic peat eroding into water courses, helping to raise the water table and create conditions for bog-building vegetation such as sphagnum moss to thrive. Eroding peat hags were re-profiled and re-vegetated. Areas of bare peat were re-vegetated with turf where possible, or covered with brash cut onsite, seeded and plug-planted with cottongrass to stabilise and re-vegetate the bare peat.

GLENAROS ESTATE, ISLE OF MULL

Size of the peatland site

30ha of blanket bog restored.

Project duration

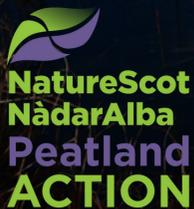
13 months in total. Surveys began in January 2022 followed by planning through the year. Contractors started work in January 2023 and completed work in February 2023.

How much carbon will be captured?

Over a project term of 100 years 3213 tCO₂e reductions will be made.



CASE STUDY



The planning process

Funding and technical advice was provided by Peatland ACTION. Stakeholders included NatureScot, Scottish Water and Argyll and Bute Council. Close attention was paid to deer numbers and livestock density onsite in order to make sure the restoration has the best chance of success. The work was then carried out by experienced contractors Highland Conservation.

The restoration process

30ha of previously drained blanket bog were restored. All ditches were blocked with peat dams and their sides re-profiled. Ongoing monitoring of restoration success, changes in vegetation and the water table is now underway

[Watch our video](#) to see peatland restoration in action at our Glenaros site.

| CONTACT US

MATTHEW COOK
Peatland Project
Manager

If you'd like to learn more about how we can restore your peatland, please get in touch with our Peatland Project Manager, Matthew Cook.

You can also find more information on our website and Instagram page, which we regularly update with our latest Peatland Projects.

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 [@thefutureforestcompany](https://www.instagram.com/thefutureforestcompany)

 www.thefutureforestcompany.com

