NatureScot NàdarAlba Peatland ACTION
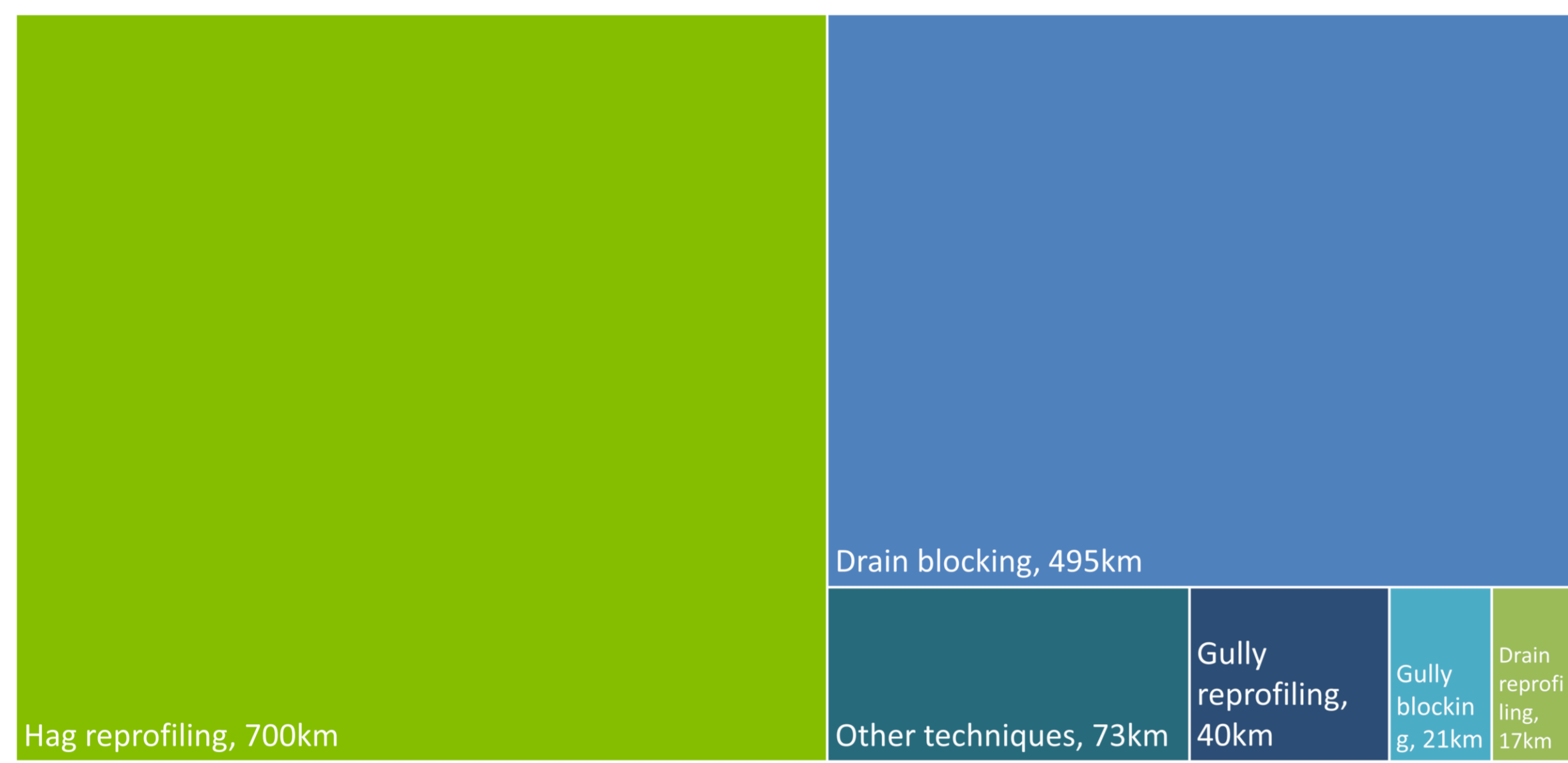
Restoring Scotland's Peatlands
Ath-stèidheachadh talamh mònach na h-Alba

Building evidence for peatland restoration: Our data in action

Since 2012 we have worked with grant recipients, consultants and volunteers across Scotland to generate a valuable collection of datasets around peatland restoration. Our team includes data specialists that work hard on making this data accessible to the public, as well as plan monitoring and improve data collection tools for the future.
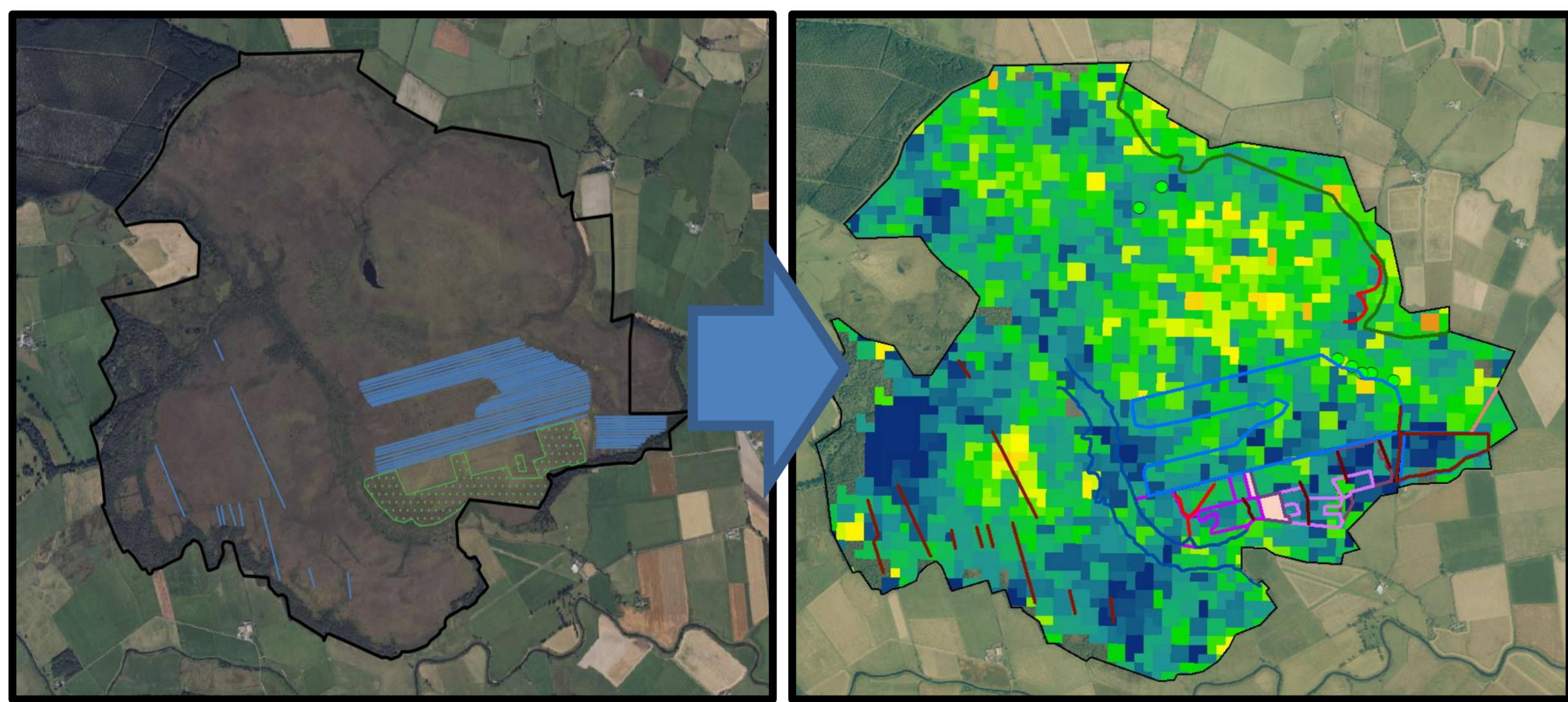
Peatland restoration in numbers

We host over **2500** km of mapped linear features within our latest spatial data model released towards the end of 2021, over 1,300 km of which has been verified:

Hag reprofiling, 700km
Drain blocking, 495km
Other techniques, 73km
Gully reprofiling, 40km
Gully blocking, 21km
Drain reprofiling, 17km

Along with points (dams bunds etc.,) and polygons (representing forest to bog works, bare peat stabilisation etc.), these mapped features are used to report on total area put on the road to recovery be Peatland Action. This data is all gathered under an Open Government License and we are working to make this more accessible for all.
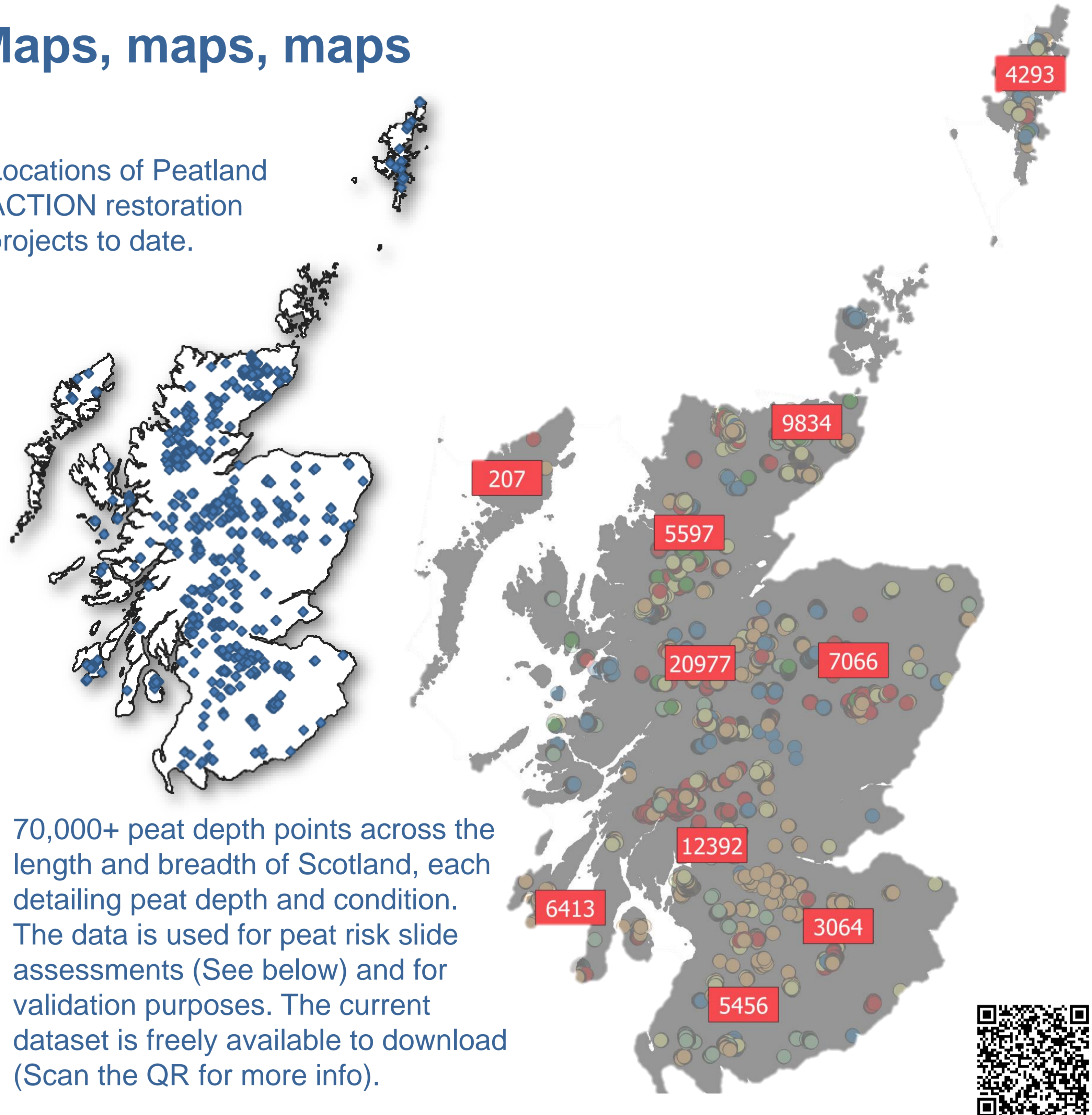
Peatlands and Remote Sensing

Captured restoration data plays an invaluable role in field validation and understanding of applied remote sensing techniques. We promote and help develop these monitoring tools, such as assessing peatland condition through peat surface motion using InSAR:
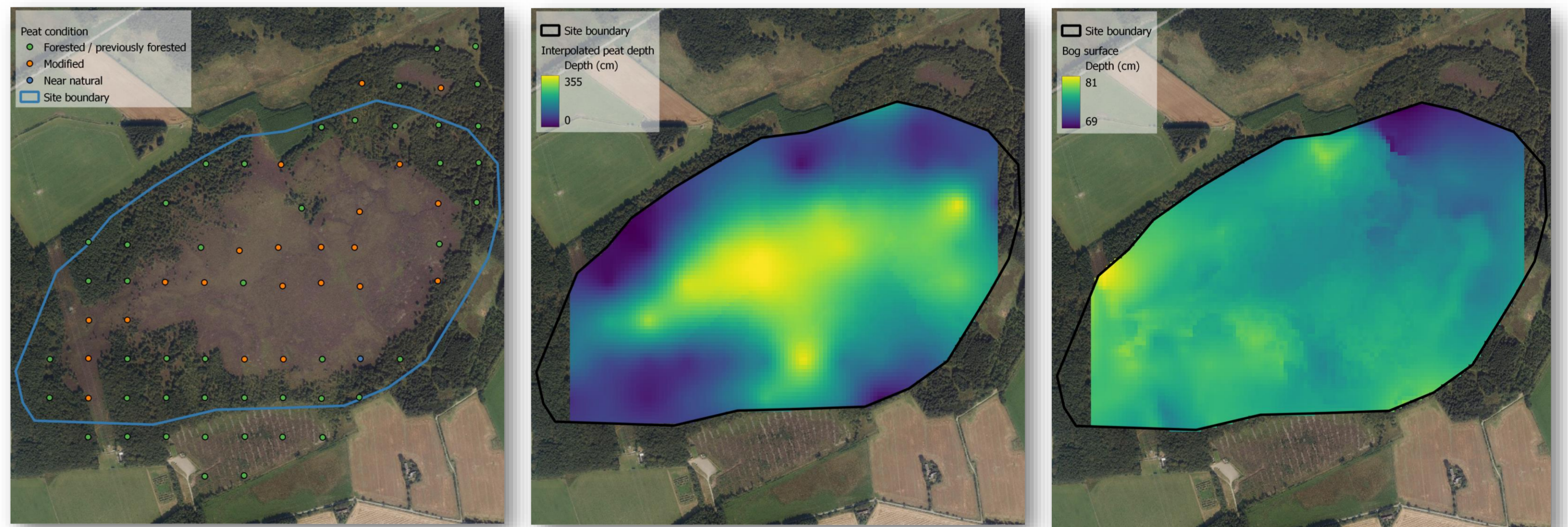

Maps, maps, maps

Locations of Peatland ACTION restoration projects to date.

70,000+ peat depth points across the length and breadth of Scotland, each detailing peat depth and condition. The data is used for peat risk slide assessments (See below) and for validation purposes. The current dataset is freely available to download (Scan the QR for more info).

Peat depth dataset available from: https://www.data.gov.uk/dataset/ddda0dff-5213-4e77-b527-e42eeb6dd413/peatland-action-peat-depth

nature.scot/PeatlandACTION

Looking to apply for funding?

Information for applicants can be found on our website:
https://www.nature.scot/climate-change/nature-based-solutions/peatland-action-project/

If you would like to talk to someone from the Peatland Action team please get in touch using:
peatlandaction@nature.scot

@PeatlandACTION