

FOREST CARBON

For: Cairngorm National Park

By: James Hepburne Scott

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Forest Carbon Ltd

Founded 2006 as project developers of UK woodland creation schemes for the generation of verified carbon emissions reductions for UK voluntary buyers.



James Hepburne Scott and Steve Prior

Forest Carbon Ltd – so far...

65+ projects contracted since 2006

2,378 ha (**1,988** ha in Scotland) covered

Over **3.6 million** trees planted

864,000 tCO₂ being captured

37 out of the **39** projects validated under the Code to date

First ever single validation and group scheme validation

100% success rate to date

85% of Forest Carbon contracts were signed *before* the advent of the Code and all have been or will be put through the validation process

Forest Carbon expects to be the **first to deliver woodland carbon credits** to buyers and investors **via the Markit Environmental Registry**, in July 2013.

Forest Carbon brokered the **UK's first peat carbon transactions** in 2011 and 2012

Key principles

1. New planting only
2. Eligibility
3. Additionality
4. Permanence

Woodland Carbon Code – The UK's first validated project



Milton of Mathers, Aberdeenshire
Planted 2008

Runner-up
Scotland's Finest Woods Award 2012



Early adopters – Not just any tree...



Early adopters – You can't get better than...



Case Study – BWOC Ltd

Fuel distributor **BWOC** offered their fuel card customers free capture of 10% of their fuel emissions, plus the chance to top-up to 50% or 100%. Aside from the environmental benefits, BWOC is confident its actions have helped to securing two significant new contracts.



BWOC Projects as at April 2013

Name	Location	Planted	Area (Ha)	tCO2	Type
Harperrig	West Lothian	Autumn '10	5.22	1,534	Native non-prod.
Barr Farm	Dumfries	Spring '11	27.16	4,185	Native and prod cpts.
Stonebyres	Ayrshire	Winter '11/'12	8.60	2,221	Native non-prod.
Cranborne	Dorset	Spring '12	19.33	11,942	Mixed continuous cover prod.
Yoxall	Staffordshire	Spring '13	8.00	2,810	Native non-prod.
Gt Chalfield	Wiltshire	Spring '13	2.25	569	Native hardwood timber.

Gorton Hill



Gorton Hill



Gorton Hill



Gorton Hill

What

- 205 ha gross
- 160 ha net planted area
- Caledonian Pine, Downy Birch, Silver Birch, Willow, Rowan, Juniper etc

Why

- Biodiversity, Black Grouse, Capercaillie, Crossbill, Water Vole, Red Squirrel.....
- Habitat connectivity
- Landscape
- Carbon capture

Gorton Hill

Carbon capture

- 52,110 tonnes over 65 years

Net present value comparison

- | | |
|-----------------------------------|-------|
| • Grouse moor | £1000 |
| • Woodland without carbon support | £170 |
| • Woodland with carbon support | £623 |

The UK's first peat carbon project



Alladale, Sutherland
Restored 2011/12

The UK's first peat carbon project



Alladale, Sutherland
Restored 2011/12

The UK's first peat carbon project – Alladale Estate

Project

- 49,100 tonnes CO₂ over 100 years
- 224 hectares

Buyer

- ICAP – leading City interdealer broker
- Equivalent CO₂ to corporate emissions 2010 – 2012
- Motivated by the opportunity to do something in the UK, and something groundbreaking









Where next for peat carbon?

Code of practice

- Draft phase 1 Peatland Carbon Code being finalised for Defra now – Forest Carbon involved in this process
- Consultation on the draft expected during the summer
- Trial phase expected to start from autumn – run for around 12 months. Forest Carbon expected to be the developer of one of the trial projects
- A full Code, with credits tradable via the Markit Registry, is around 30 – 36 months away (the Woodland Carbon Code goes live on Markit in July 2013)

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