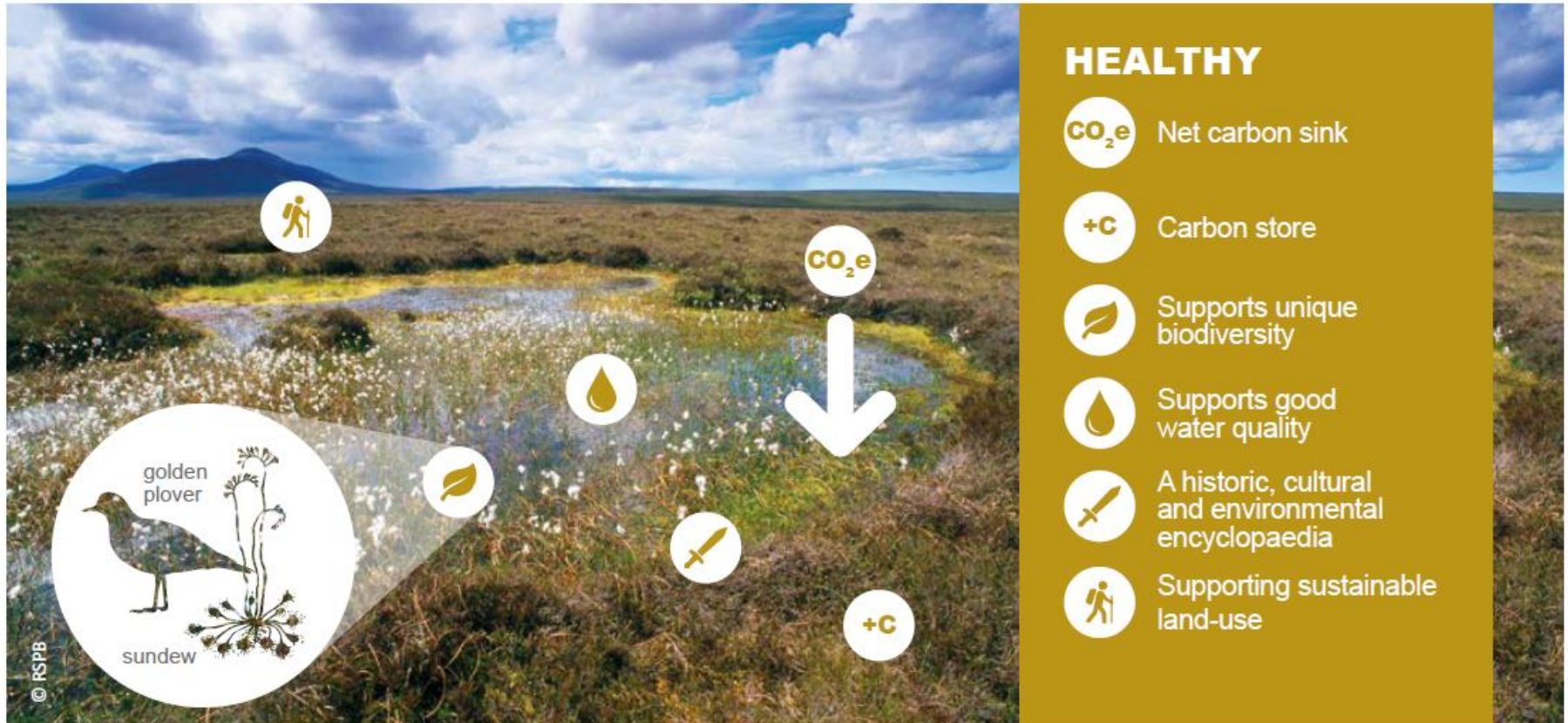


PEATLAND CODE:

BUSINESS FUNDING AND ENVIRONMENTAL ASSESSMENT



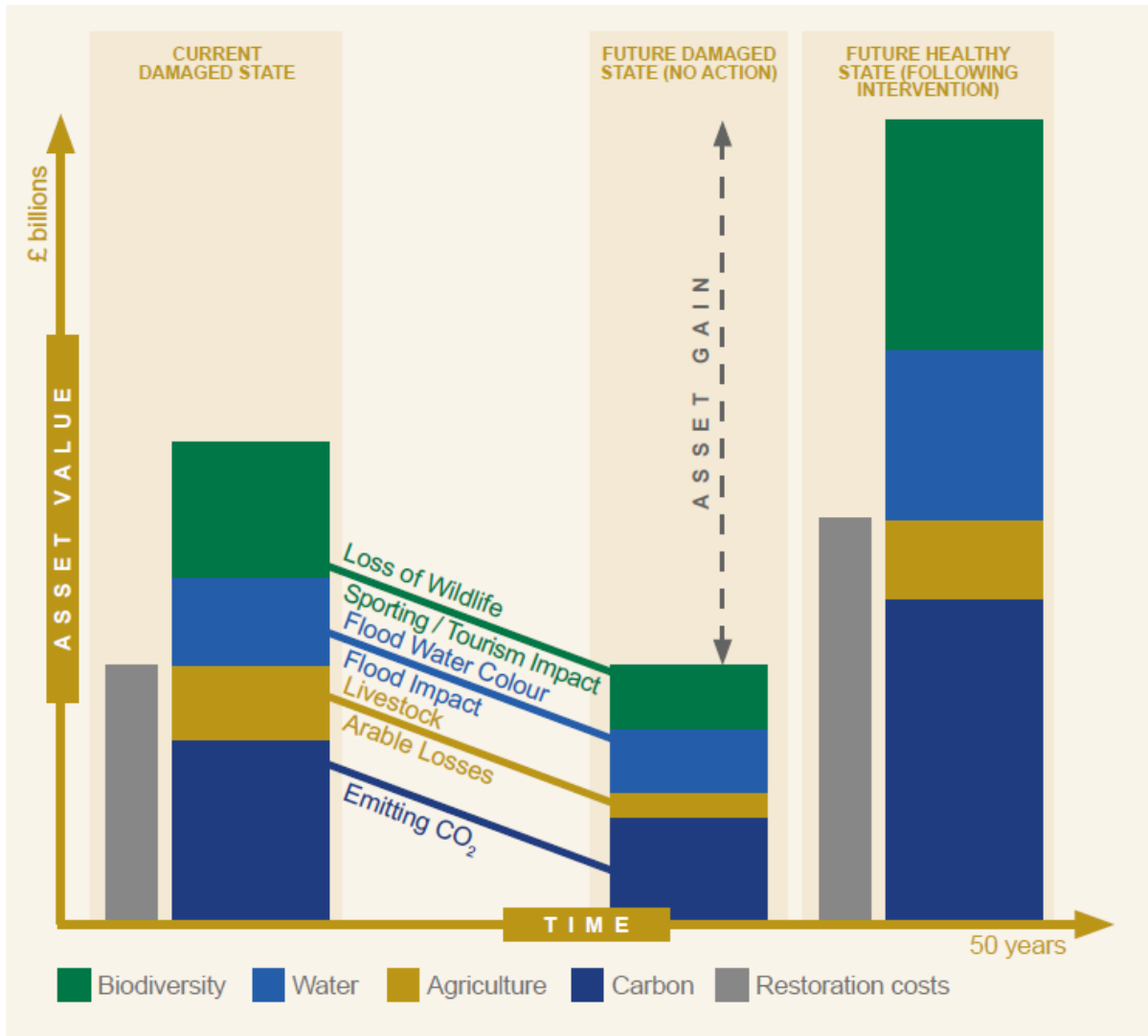
ECOSYSTEM SERVICES IN A HEALTHY PEATLAND



ECOSYSTEM SERVICES IN A DAMAGED PEATLAND



PEATLAND NATURAL CAPITAL



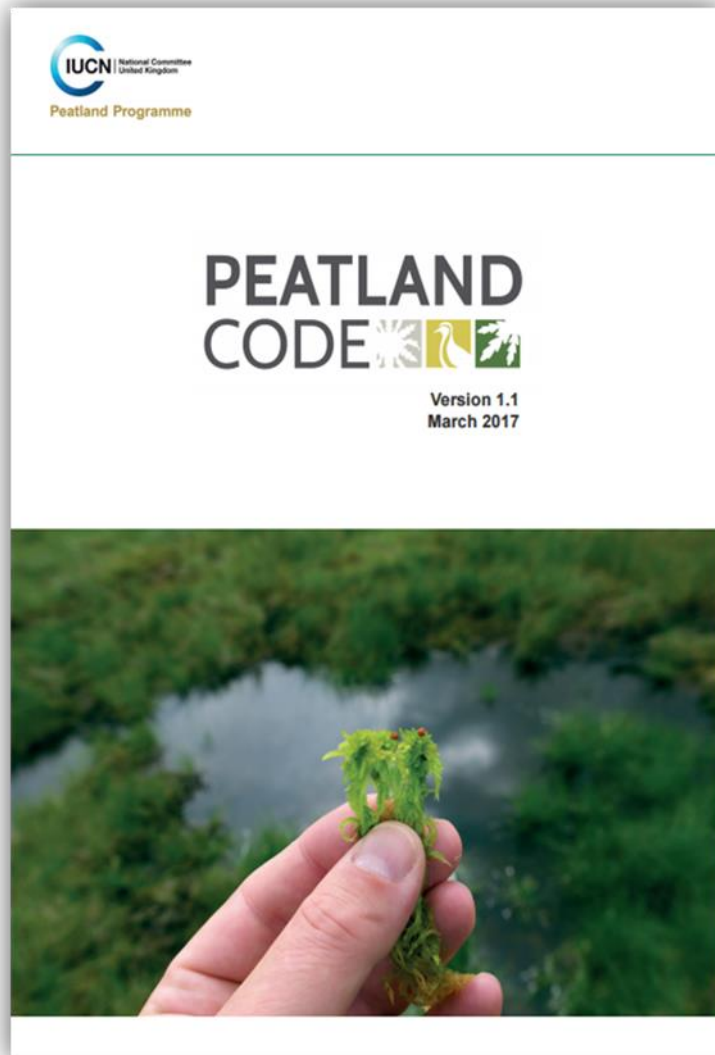
Leaving peatlands in a damaged state imposes a **HUGE** cost on future generations.

HOW DO WE FUND THE RESTORATION REQUIRED?

- Public funding via grants and agri-environment payments?
- Private finance via 'Payments for Ecosystem Service' (PES) mechanisms?
- Blended finance initiatives?



PEATLAND CODE



A voluntary certification
standard

to...

attract private funding for
peatland restoration projects
in exchange for climate
benefits

by...

providing assurance to buyers

PACKAGING ECOSYSTEM SERVICES FOR SALE

Piggy backing

Climate regulation	→ £
Local flood risk reduction	→ Free riding
Landscape quality	→ Free riding
Habitat for wildlife	→ Free riding
Water quality	→ Free riding

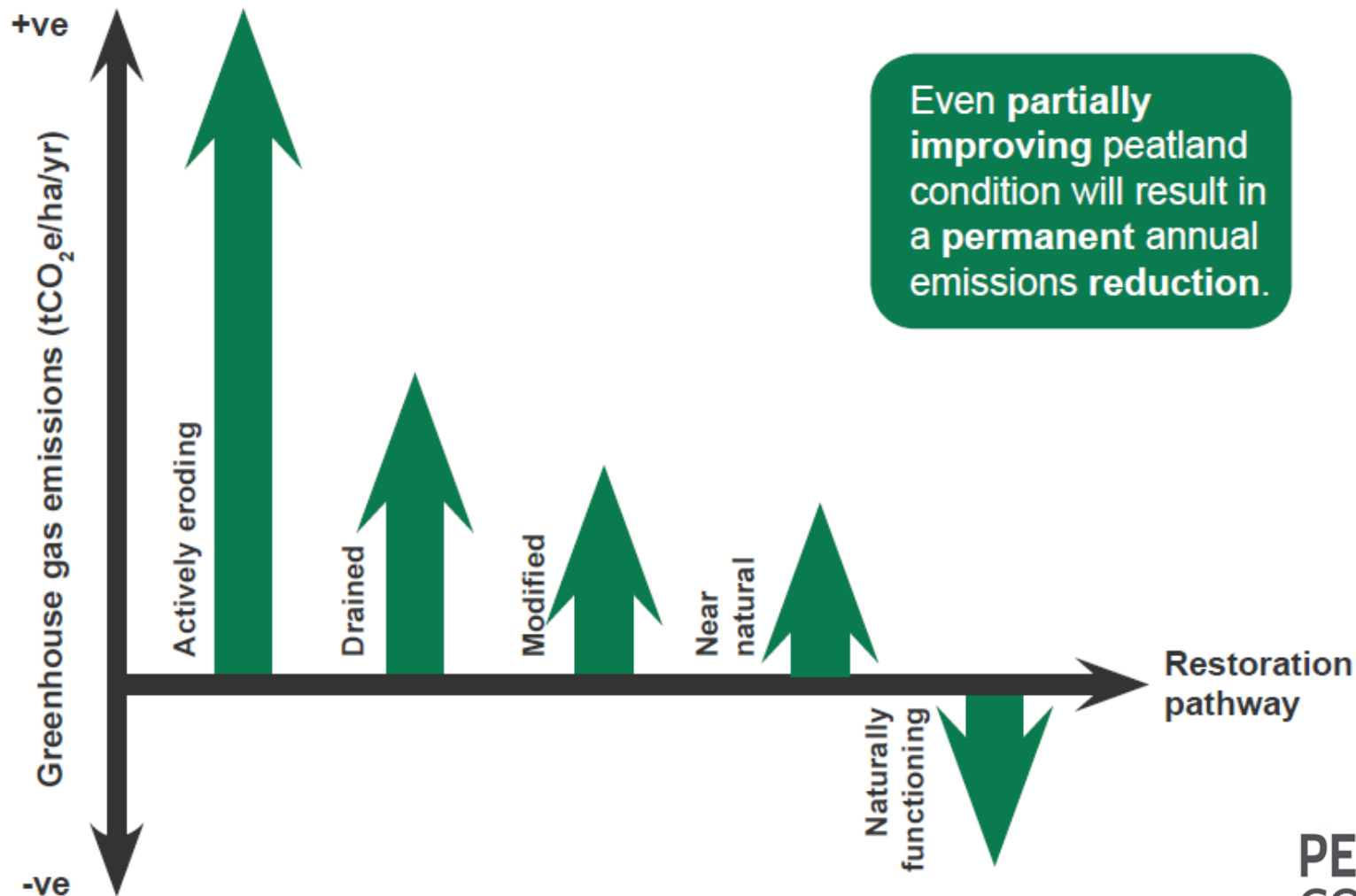
Stacking

Climate regulation	→ £
Local flood risk reduction	→ £
Landscape quality	→ £
Habitat for wildlife	→ £
Water quality	→ £

Bundling

Climate regulation	→ £
Local flood risk reduction	
Landscape quality	
Habitat for wildlife	
Water quality	


RESTRICTIONS ON GHG BENEFIT CLAIMS



QUANTIFYING GHG BENEFIT

Peatland Code Condition Category	Descriptive Statistic	CH ₄	CO ₂	N ₂ O	DOC	POC	Emission Factor
Pristine*	-	-	-	-	-	-	Unknown
Near Natural	Mean (±StE)	3.2(1.2)	-3.0(0.7)	0.00(0.0)	0.88 ¹	0	1.08
	Median	1.5	-2.3	0.0			
Modified	Mean (±StE)	1.0(0.6)	-0.1(2.3)	0.5(0.3)	1.14 ²	0	2.54
	Median	0.2	0.1	0.5			
Drained	Mean (±StE)	2.0(0.8)	1.4(1.8)	0.00(0.00)	1.14 ³	0	4.54
	Median	1.0	-0.9	0.0			
Actively Eroding	Mean (±StE)	0.8(0.4)	2.6(2.0)	0.0(0.0)	1.14 ⁴	19.3 (average of 14.67 ⁵ and 23.94 ⁶)	23.84
	Median	0.1	0.4	0.0			

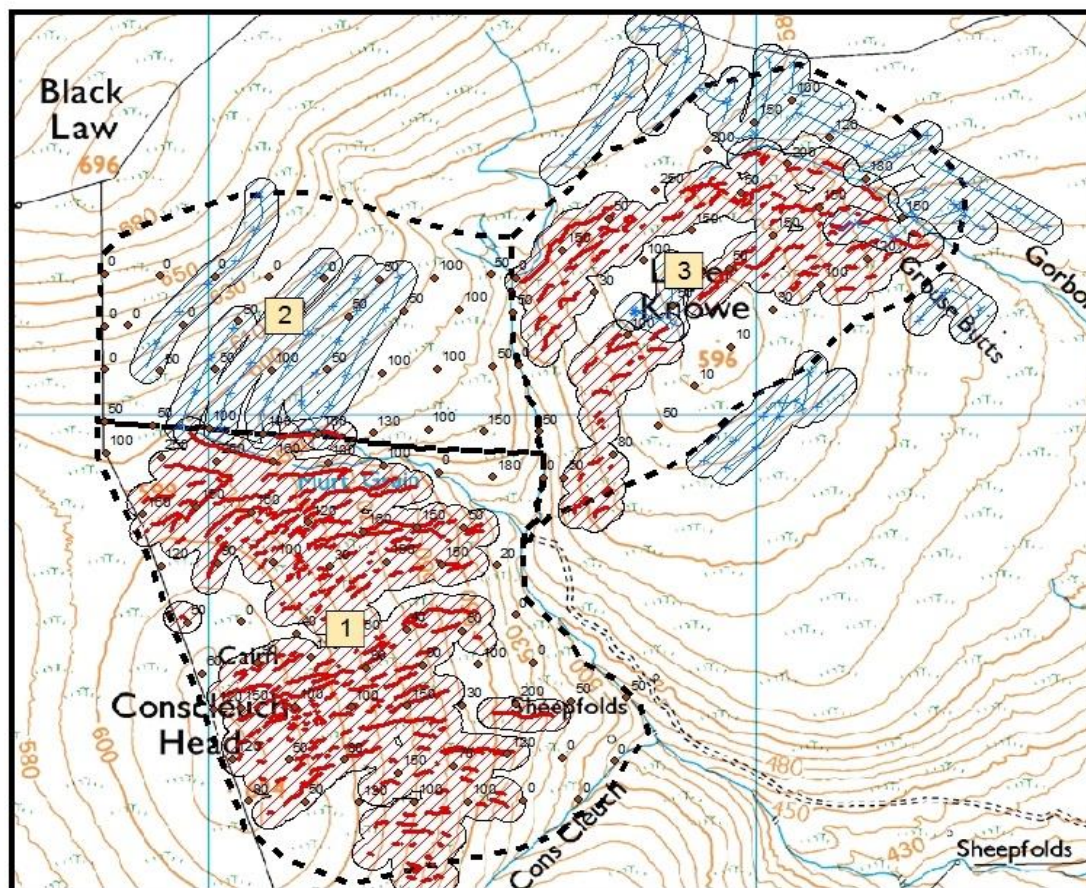
Validation and Verification Pathway

- 
- Register with IUCN UK PP
 - Establish the Baseline Condition
 - Prepare Restoration Plan
 - Determine cost and climate benefit
 - Achieve Validation
 - Implement Restoration Plan
 - Maintain ongoing Verification

Restoration Plan

- Restoration Management Plan for the project duration to include, as a minimum:
 - Statement of project objectives
 - Map of project and restoration areas
 - Statement of restoration and management activities (legal compliance and best practice guidance considered)
 - Chronological plan of activities
 - Statements of environmental and social impact
 - Statement of individuals involved in delivery

ASSESSMENT UNIT MAPPING



- Drains
- Peat Hags
- Drained by Artificial Drain
- Drained by Peat Hagg
- Assessment Units



0 50 100 200 300 400
m

1 : 10,000

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VALIDATION

- Prior to restoration
- Conducted by an approved certification body
- Site visit and review of documentation
- Determines if restoration plan will result in the predicted carbon benefit



IMPLEMENTATION OF RESTORATION PLAN

- Completed prior to expiry of validation statement – ‘Start Date’
- Requests for extension if necessary
- VVB to be notified if restoration plan changes after validation – validation statement may be withdrawn



VERIFICATION

Determines if restoration plan has resulted in predicted carbon benefit

- Year 1 – Was validated restoration plan implemented?
- Year 5 – Has condition category change occurred?
- Year 15+ – Has condition category change been maintained?



ONLINE REGISTRY

markit[®]

Financial Information Services

Registry - Public View

Clear

Search:

UK Woodland Carbon Code

All Units

Account Holders

Projects

Issuances / Listings

Holdings

Retired Credits

Assigned Credits

Cancelled Units

Assignment Date	Vintage	Project	Account	Standard	Project Type	Assignment Quantity	Measurement	Type	Details
02 Feb 2017	2058 - 2063	Glen Estate Jubilee Wood	Forest Carbon Ltd	UK Woodland Carbon Code	Thin only	454	WCU	PIU	View
Serial No.: WCC-WCU-GB-103000000004429-01032058-28022063-1020677-1021130-MER-0-P					Assigned by Forest Carbon Ltd. Woodland created on behalf of Allstar EcoPoint.				
02 Feb 2017	2038 - 2048	Glen Estate Jubilee Wood	Forest Carbon Ltd	UK Woodland Carbon Code	Thin only	3,286	WCU	PIU	View
Serial No.: WCC-WCU-GB-103000000004429-01032038-28022048-1021131-1024416-MER-0-P					Assigned by Forest Carbon Ltd. Woodland created on behalf of Allstar EcoPoint.				
02 Feb 2017	2013 - 2018	Glen Estate Jubilee Wood	Forest Carbon Ltd	UK Woodland Carbon Code	Thin only	17	WCU	PIU	View

FIRST VALIDATED PROJECT

- Dryhope, Selkirk, Scottish Borders
- 77.05ha restored and managed for 45 years
- Drain blocking and hagg/gully reprofiling
- Claimable emissions reduction of 6484tCO₂e - SOLD



FIND OUT MORE

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Email: Emma.Goodyer@iucn.org.uk