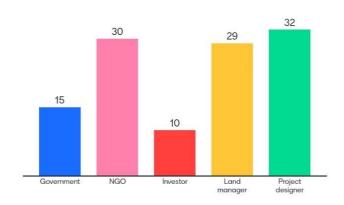






## What is your interest in the market for soil carbon?

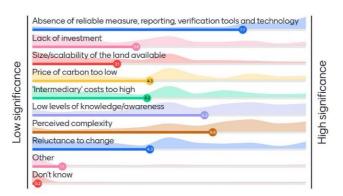






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How significant are the following potential barriers to the development of a credible, robust and effective soil carbon marketplace?







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Should land management businesses be able to benefit from selling carbon offsets before they have achieved net zero for their own business?

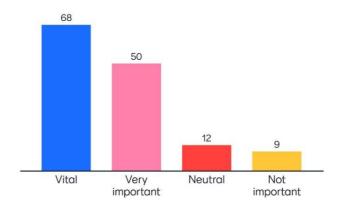
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How important is it that markets for carbon, biodiversity etc. are integrated?



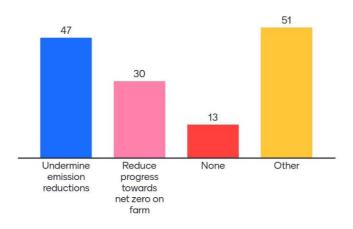




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### What impact will the establishment of an offsets market have elsewhere (on farm and in society)?







## Given high transactional costs, how can we ensure that the full investment in offsets funds land managers to mitigate climate change?

You cant if the costs are too high

emitter to reduce or stop the underlying emitting activity. The second is that it finances an equivalent reduction elsewhere that would not otherwise have happened. What is crucial to understand, and this is something that is often misunderstood is

Make verification as cheap as possible to maximise funds available to farmers

Why is this key?The key criteria for any emission trading programme to work properly – whether it is a voluntary or compliance programme – is that it does two things – 1) it puts an uncomfortable financial price on emitting carbon that motivates th

misunderstood is that the primary point of this is to reduce the underlying emitting activity. The higher the carbon price, the more high emitting business models become unsustainable and must give way to low emission ones.

Investment into offsets must clearly assist "additional" and "hard to fund otherwise" carbon reductions. If the cost per tonne is high for that, than that's just the way it should be

Stacking ecosystem services, so that the income derived per hectare is sufficient for land managers to operate viable and flourishing farming businesses, which speak to both the climate and ecological crises.

Industry standards and regulation on charges etc.

Sorry to answer a question with a question but. Why "high transactional costs"?







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# Given high transactional costs, how can we ensure that the full investment in offsets funds land managers to mitigate climate change?

roup/ landscape approaches and minimisation of the umber of middlemen, and transparency about the cut they re taking to drive their charges down. MRV costs are key to redibility.	Could the Carbon Trust become the entity which provides this independent advisory role?	Transparent data share?
,	Make it farmer friendly !!	A tax on products!
ansparency of ALL the intermediaries	We need a lot of focus as an industry to address the public	Singular carbon code and short supply chain
dake the carbon market (more widely than soil carbon) and be transaction costs as cheap as possible	perception of the value of food - only then will Land Managers and Farms be able to afford to do additional work	
Ill investment in offse imate change?	nal costs, how can we ets funds land manage	ers to mitigate  This about aligning people and purpose and identifying
Ill investment in offse imate change?	ets funds land manage	
ill investment in offset imate change?  Insure transparency in project costs and the contribution of arbon finance to project costs  Inimise transaction costs or link them to other markets (i.e. arbon and water quality/quantity) and ensure ansparency for all including any profit made by third	ets funds land manage	This about aligning people and purpose and identifying clear net gains at all times within overall planetary boundaries?  shouldn't be high transactional costs, this is a legacy of skimming because of poor transparency, the higher cos
ill investment in offsetimate change?  Issure transparency in project costs and the contribution of arbon finance to project costs  Inimise transaction costs or link them to other markets (i.e. arbon and water quality/quantity) and ensure	Robust, standardised measurement, reporting and verification.	This about aligning people and purpose and identifying clear net gains at all times within overall planetary





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# Given high transactional costs, how can we ensure that the full investment in offsets funds land managers to mitigate climate change?

First decide what actions mitigate climate change! We need central independent organisations backed by government set standards to prevent the middle man creaming off all the money	In order to be credible verification is key. Verification costs money but this would not be a problem if carbon was at the right price.	Farmers need to know and defend the value of their carbon transparency with consumers regarding how the scheme spends money, these two pressures need to be strong enough to limit excess
realistically you can't. But carbon prices can be raised substantially such that a greater percentage may be passed on to the land managers while still covering the cost	Tinvest to reduce the transactional costs2 be realistic on what C gains can be achieved	Get the price of food from the farm and from the realler, to fully internalise external costs. This will rebalance the system
of measurement etc.  Should there be high transactional costs? Only if farmers	Making clear with buyers the true cost of carbon sequestration/ mitigation to ensure the carbon price is the whole price, not a contribution to the project.	Decentralised transparent Data share
still see that economic benefits from high productivity ( measured yield only), ELM is supposed to change mindset / culture / business model to view sustainable land management as way forward		

Given high transactional costs, how can we ensure that the full investment in offsets funds land managers to mitigate climate change?

aggregation

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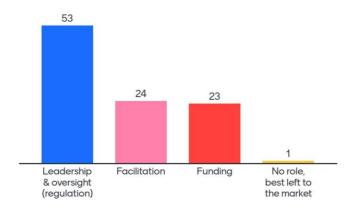




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## What is the best role for UK government in supporting the voluntary soil carbon offsets market to help deliver net zero?

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## What are the priority actions to establish a soil carbon market?

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Credibility - Unifying governance and standaards

Proper verification is absolutely essential

Get a UK government-backed Farm and Soil Carbon Code up and running, which provides a regulatory framework for the market that can ensure the integrity of soil carbon credits generated in the UK.

soil carbon methodology which can incorporate and integrate with other carbon sequestration methodologies; woodland, peatland, hedgerow, wetland etc etc. need a joined up framework which encourages whole farm/landscape approaches

Getting the soil science right! We need robust evidence on the efficacy of interventions.

establish a standard, auditable process, from measuring sequestration to cross platform standards on what's included in farm carbon calculators.

Government engagement and leadership

Evidence for actual SOC storage in relation to management (meta-analysis).

Consulting with Farmers who might implement the new







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## What are the priority actions to establish a soil carbon market?

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credibility and not profiteering from various companies claiming to be able sell credits now while we still cant even agree a single soil carbon measure! Early articulation/engagement with landscape scale partnerships and initiatives to integrate carbon with other land payment schemes (eg. Catchment Partnerships and Water Company catchment management) Create a single soil carbon instrument for the UK. In the same way as the Forest and Peatland codes

Keep the carbon issues closely linked with biodiversity, and with systems that can be positive for carbon sequestration.

Secure and communicate government leadership and backing. Comprehensive engagement with all stakeholders.

Solving the question as to how to reward those who already have healthy soils

Driving a change in the market towards biodiversity AND

The government must treat SFI as a "feed in tarrif" - to enable private finance to complement it through stacking

Soil carbon code, backed up by science led system based decision making, e.g., whilst some herbicide use might be deemed bad, when used to facilitate carbon & nature friendly farming it enables huge carbon/blodiversity net gain with productivity



## What are the priority actions to establish a soil carbon market?

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Heavy tax on soluble/synthetic fertilisers and synthetic pesticides of all types. These inputs are driving the loss of carbon.

centralise codes, transparency of methodology, and build trust on both sides of the transaction

MRV

A centralised portal for players to share opinions and coordinate polls inputs. Where data can be shared at will by those willing to.

provide some underlying certainty that the transition risk to farmers is more than covered by benefits post transition

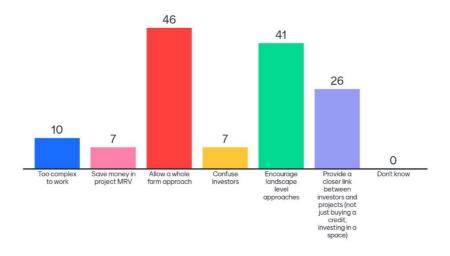




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What are the potential impacts from combining soil and above-ground carbon credits from different land uses,

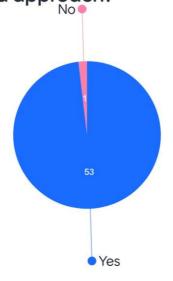
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Should carbon codes/ methodologies work towards providing this integrated approach?

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### 11. How can we manage the surge of offset claim

management/ neutrality/ netzero claims?

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