Financial Additionality Test

Project Name …….....

Project Area (Ha) ……...

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This exercise provides an assessment of the project's Finanicial Additionality

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Headline assessment of key current & potential carbon emissions

Section	Type	Subtype	Current Usage	Potential Useage	Units	GHG factor/unit	Total tCO2e	Total tCO2e
Fuels	Diesel	Red diesel (gas oil)			Litres	*0.0034*	-	-
Fuels	Electricity	Average tariff			Kilowatt hours (kWh)	*0.0003*	-	-
Crops	Agricultural crops	Barley			Tonnes harvested	*0.0325*	-	-
Crops	Agricultural crops	Field Beans & Dry Peas			Tonnes harvested	*0.0186*	-	-
Crops	Agricultural crops	Oil Seed Rape			Tonnes harvested	*0.1239*	-	-
Crops	Agricultural crops	Wheat			Tonnes harvested	*0.0261*	-	-
Inputs	Ammonium Nitrate	EU origin			Tonnes	*2.2807*	-	-
Inputs	NPK 15-15-15	EU origin			Tonnes	*1.1160*	-	-
Inputs	Sprays - Generic	Fungicide			Kg of active ingredient	*0.0292*	-	-
Inputs	Sprays - Generic	Herbicide			Kg of active ingredient	*0.0266*	-	-
Inputs	Sprays - Generic	Insecticide			Kg of active ingredient	*0.0189*	-	-
Inputs	Urea	EU origin			Tonnes	*3.3991*	-	-
Livestock	Bedding	Wheat straw			Tonnes	*0.0500*	-	-
Livestock	Beef cattle	Beef suckler cows			Average head of livestock on farm during last year	*4.1714*	-	-
Livestock	Dairy cattle	Dairy cows			Average head of livestock on farm during last year	*4.7036*	-	-
Livestock	Feed blends	16% CP Dairy blend			Tonnes	*0.5801*	-	-
Livestock	Pigs	Adult sows			Average head of livestock on farm during last year	*0.5018*	-	-
Livestock	Sheep	Ewes			Average head of livestock on farm during last year	*0.2236*	-	-
Land	Peat	Actively eroding bare peat & hagg gully			Hectare	*23.00*	-	-
Land	Peat	Fenlands			Hectare	*39.00*	-	-
Land	Peat	Drained hagg or artifical peat			Hectare	*4.54*	-	-
						Headline Emissions Assessment	**0.0**	**0.0**

Headline assessment of current & potential carbon removal

Type	Subtype	Current Sequestration	Potential Sequestration	Units	GHG factor/unit	Total tCO2e	Total tCO2e
Field margins (uncultivated)	Field margins (uncultivated)			Length in metres	-0.001	0.0	0.0
Permanent Wetland	Permanent Wetland			Hectares (ha)	-0.147	0.0	0.0
Average Options	Mixed woodland			Hectares (ha)	-5.256	0.0	0.0
Hedgerows	Managed hedgerow (generic)			Length in metres	-0.001	0.0	0.0
Perennial crops	Miscanthus			Hectares (ha)	-9.180	0.0	0.0
Perennial crops	Willow coppice			Hectares (ha)	-16.330	0.0	0.0
Scrub/re wilding	viz Knepp study			Hectares (ha)	-5.200	0.0	0.0
Wetland	Bulrushes			Hectares (ha)	-6.000	0.0	0.0
Forest	Paulownia (350 trees/ha)			Hectares (ha)	-43.300	0.0	0.0
Soil	Conservative (+0.0175 SOC%)			Hectares (ha)	-1.900	0.0	0.0
Soil	Anticipated (+0.035 SOC%)			Hectares (ha)	-3.800	0.0	0.0
Soil	Aspirational (+0.0525 SOC%)			Hectares (ha)	-5.800	0.0	0.0
Agroforestry	Paulownia (175 trees/ha)			Hectares (ha)	-21.600	0.0	0.0
Agroforestry	Silvopasture			Hectares (ha)	-4.875	0.0	0.0
Agroforestry	Silvoarable			Hectares (ha)	-2.390	0.0	0.0
Agroforestry	Grassland shelter belt			Hectares (ha)	-1.720	0.0	0.0
Agroforestry	Arable shelter belt			Hectares (ha)	-2.220	0.0	0.0
Agroforestry	Grassland hedgerow			Hectares (ha)	-1.660	0.0	0.0
Agroforestry	Arable Hedgerow			Hectares (ha)	-2.160	0.0	0.0
Peat (reduced emissions)	Actively eroding bare peat & hagg gully			Hectares (ha)	-23.000	0.0	0.0
Peat (reduced emissions)	Fenlands			Hectares (ha)	-39.000	0.0	0.0
Peat (reduced emissions)	Drained hagg or artifical peat			Hectares (ha)	-4.540	0.0	0.0
				Headline Sequestration Assessment		**0.0**	**0.0**

Headline Assessment of Current Carbon Balance and Potential Opportunities

Headline Carbon Balance	Current	Potential
Emissions	0	0
Removals	0	0
Carbon Balance	**0**	**0**

Project name:….. **Project area (ha) ……..**

Project Year			**1**	**2**	**3**	**4**	**5**	**6**	**7**	**8**	**9**	**10**
Carbon Projects - CO2e/ha	**Area (ha)**	**CO2e/unit**										
Potental carbon projects listed, with area and CO2e/unit area to enable calculation of estimated carbon removal (CO2e) and value												
Total ha	**0**											
Estimated additional Carbon Credits / year			**0.0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
Net Carbon Price (£ / t CO^2)			*20.0*	*21.0*	*22.0*	*23.0*	*24.0*	*25.0*	*26.0*	*27.0*	*28.0*	*29.0*
Project Income	**Ha**	**Rate/ha**										
Net Carbon credits			0	0	0	0	0	0	0	0	0	0
Other income from carbon projects listed here. This might include renewable timber and other outputs from carbon projects, publicly available grants (income and capital), cost savings from renegerative agricultural practices, land use and management change.												
Total Income			**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
Costs												
Project costs listed here. These include Project developer fees (baseline and annual), UKCCC fees and project costs, client legal, professional (grant claims) and management fees/time, project establishment and maintenance.												
Total Costs			**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
Net Income/ Cash Flow (Annual Net Profit)			**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
Finance costs	x%		0	0	0	0	0	0	0	0	0	0
Cumulative Net Income (Net Profit)			**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**

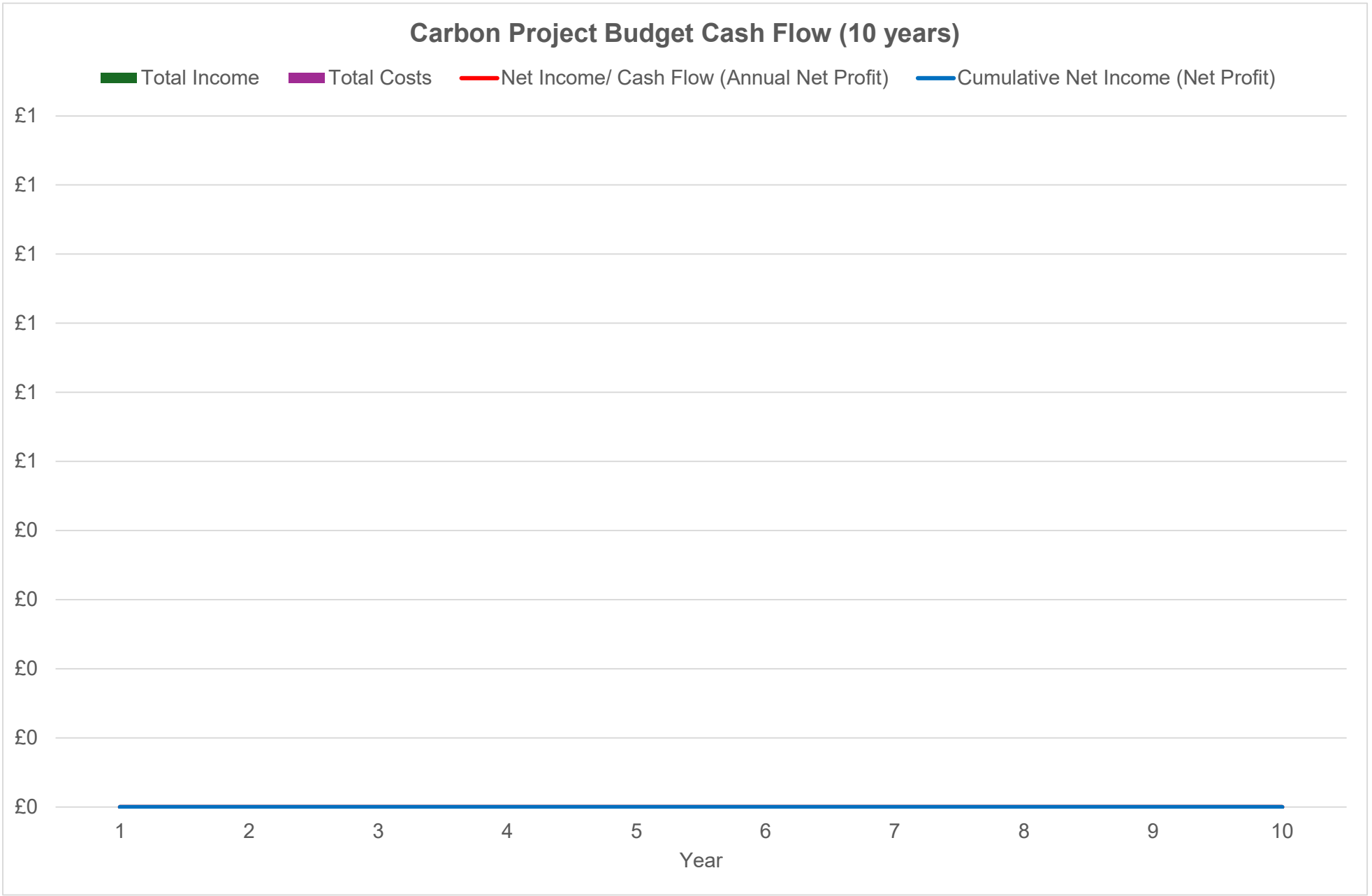
Net Present Value Financial Additionality Test

Weighted Average Cost of Capital (WACC) 10%

Year	Initial Investment	Net Cash Flow	Present Value
0			0
1			0
2			0
3			0
4			0
5			0
6			0
7			0
8			0
9			0
		NPV Value	**0**

Would this project gone ahead without carbon funding?

Yes: if NPV value is positive
No: if NPV value is negative


Carbon Project Budget Cash Flow (10 years)
Total Income
Total Costs
Net Income/ Cash Flow (Annual Net Profit)
Cumulative Net Income (Net Profit)
£1
£1
£1
£1
£1
£1
£0
£0
£0
£0
£0
1
2
3
4
5
6
7
8
9
10
Year