

Calculation of emissions leakage (t CO₂ eq)

1 Project:	BCCR-6-00002-AGRI-Carbonsafe carbon farming project – South Bulgaria - CSBG-BG-S		
2 Project code:	CSBG-BG-S		
3 Project start date (dd/mm/yyyy):	17.1.2023		
4 Project Monitoring period beginning (dd/mm/yyyy):	23.3.2024		
5 Project Monitoring period end (dd/mm/yyyy):	15.5.2025		
6 Farm beginning soil sampling date for reporting period (dd/mm/yyyy):	15.8.2023	BASE	Retrospective date
7 Farm soil sampling end date for reporting period (dd/mm/yyyy):	18.9.2024	K1	In period
8 Farm contract date (dd/mm/yyyy):	31.7.2023		
9 Farmer (Legal Entity):	AGROTRADE EOOD		
10 UIC:	128590472		

1 Emissions from leakage (t CO ₂ eq)	12
---	----

НАЙ-НИСКИЯТ ДОБИВ ОТ ТРИТЕ СТОЙНОСТИ/LOWEST YIELD OF THE THREE VALUES												Ср. добив кг/дка по статистика Район на планиране NUTS 2	Регионален ср. добив кг/дка по Общини	Целево желан икономически добив кг/дка от фермера	„Липсваща продукция“ кг под прага	Площ ха	„Липсваща“ продукция тон	EFcrop (за 1 тон продукция tCO ₂ e) реално изчисление от sheet N ₂ O to CO ₂ IPCC	Изместване на емисии tCO ₂ e другате	(β) Стандартен коефициент за пазарен теч 20%	tCO ₂ за намаление
No	Contract date (dd/mm/yyyy)	Contract No	ERP farm ID*	Crops 5 years before participation in the project	Average yield by crops in kg/ha basis for pre-project calculations	Crops in the program	"Desired yield kg/ha"	Realized yield TM kg/ha 2023-2024 BASE-K1	"Y(95%) kg Minimum threshold for sanctions"	Y(95%) %	Reduction in average yield kg/ha	Avg. yield kg/ha by statistics Planning area NUTS 2	Regional average yield kg/ha by Municipality	Target desired economic yield kg/ha by the farmer	"Missing production" kg below the threshold	Area ha	"Missing" production ton	"EFcrop (for 1 ton of production tCO ₂ e) real calculation from sheet N ₂ O to CO ₂ IPCC"	Displacement of emissions tCO ₂ e leakage	(β) Standard market leakage factor 20%	tCO ₂ reduction
																					11.62
1	31.7.2023	CSBG-34SE-22/27-AGRI-0010	0000000090	grain maize	4 033.33	grain maize	8000	3600	3 831.67	89.26%	YES	3 479			0.000	25.84	0.000	0.25	0.000	0.2	0.00
2	31.7.2023	CSBG-34SE-22/27-AGRI-0010	0000000090	rapeseed	2 290.00	rapeseed	3000	900	2 175.50	39.30%	YES	2 170			1270.000	57.36	72.847	0.75	54.517	0.2	10.90
3	31.7.2023	CSBG-34SE-22/27-AGRI-0010	0000000090	sunflower	1 850.00	sunflower	3000	1300	1 757.50	70.27%	YES	1 338			38.000	280.00	10.640	0.34	3.597	0.2	0.72
4	31.7.2023	CSBG-34SE-22/27-AGRI-0010	0000000090	soft wheat	5 960.00	soft wheat	6500	5700	5 662.00	95.64%	NO	4 832			0.000	45.62	0.000	0.29	0.000	0.2	0.00
5	31.7.2023	CSBG-34SE-22/27-AGRI-0010	0000000090	barley	5 000.00	N/A															
6	31.7.2023	CSBG-34SE-22/27-AGRI-0010	0000000090	coriander	2 000.00	N/A															
7	31.7.2023	CSBG-34SE-22/27-AGRI-0010	0000000090	Chickpeas	1 000.00	N/A															

	Name	Code	Date
Prepared:	K. SEMERDZHIEVA	KS0223CS	18.4.2026
Checked:	L. ALEKSANDROVA	LA0424CS	23.4.2026
Checked:	Ch. Marinov	CM0622CS	25.4.2026
Prepared:			