

Calculation of emissions leakage (t CO₂ eq)

1 Project:	BCCR-6-00002-AGRI-Carbonsafe carbon farming project – South Bulgaria - CSBG-BG-5		
2 Project code:	CSBG-BG-5		
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):	13.2.2024 K1	Retrospective date	
7 Farm soil sampling end date for reporting period (dd/mm/yyyy):	14.2.2025 K2	In period	
8 Farm contract date (dd/mm/yyyy):	17.1.2023		
9 Farmer (Legal Entity):	(gff) 1.ECOSYST AGRO EOOD/2.DABENSKA ETERICHNA COMPANIA OOD/ 3. STOITCEV AGRO EOOD		
10 UIC:	203457757/204679198/204556854		

1 Emissions from leakage (t CO ₂ eq)	0
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												НАЙ-НИСКИЯТ ДОБИВ ОТ ТРИТЕ СТОЙНОСТИ/LOWEST YIELD OF THE THREE VALUES										
№	Дата на договор	Договор №	ЕРП-ИД на стопанство	Култури 5 години преди участието в проекта	Среден добив по култури в кг/ха база за изчисления преди проект	Култури в програмата	Желан добив кг/ха	Реализиран добив ТК кг/ха 2023-2024 БА3А-K1	Y(95%) кг Праг, под който започват санкциите	Y(95%) %	Намаление на среден добив кг/ха	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	
																182,75					0,00	
1	17.1.2023	CSBG-425C-22/27-AGRI-1-2-3-GF	0000000081	Alfalfa	4 050,00	Alfalfa	6333,3	4500	3 847,50	111,11%	NO	3 257			0,000	85,18	0,000	0,25	0,000	0,2	0,00	
2	17.1.2023	CSBG-425C-22/27-AGRI-1-2-3-GF	0000000081	Area with fallow land	0,00	Area with fallow land	0,00	0,00	0,00	0,00%	YES	0			0,000	1,09	0,000	0,00	0,000	0,2	0,00	
3	17.1.2023	CSBG-425C-22/27-AGRI-1-2-3-GF	0000000081	Essential oil-yealding rose	1 381,67	Essential oil-yealding rose	2000	1500	1 312,59	108,56%	NO	2 692			0,000	7,70	0,000	0,04	0,000	0,2	0,00	
4	17.1.2023	CSBG-425C-22/27-AGRI-1-2-3-GF	0000000081	Lavender	4 000,00	Lavender	1500	4000	3 800,00	100,00%	NO	3 756			0,000	14,76	0,000	3,02	0,000	0,2	0,00	
5	17.1.2023	CSBG-425C-22/27-AGRI-1-2-3-GF	0000000081	Rye	18 450,00	Rye	30000	20000	17 527,50	108,40%	NO	1 751			0,000	28,37	0,000	0,13	0,000	0,2	0,00	
6	17.1.2023	CSBG-425C-22/27-AGRI-1-2-3-GF	0000000081			Triticale	4500	3500	0,00	0,00%	YES	2 713			0,000	45,65	0,000	0,00	0,000	0,2	0,00	
7	17.1.2023	CSBG-425C-22/27-AGRI-1-2-3-GF	0000000081	Soft wheat	3 100,60	N/A																
8	17.1.2023	CSBG-425C-22/27-AGRI-1-2-3-GF	0000000081	Sunflower	4 450,00	N/A																
9	17.1.2023	CSBG-425C-22/27-AGRI-1-2-3-GF	0000000081	Corn for grain	3 800,00	N/A																
10	17.1.2023	CSBG-425C-22/27-AGRI-1-2-3-GF	0000000081	Oats	1 950,00	N/A																
11	17.1.2023	CSBG-425C-22/27-AGRI-1-2-3-GF	0000000081	Potatoes	20 000,00	N/A																
12	17.1.2023	CSBG-425C-22/27-AGRI-1-2-3-GF	0000000081	Tomatoes outdoors	25 000,00	N/A																
13	17.1.2023	CSBG-425C-22/27-AGRI-1-2-3-GF	0000000081	Melons	8 000,00	N/A																

Note: The rye crop is grown for silage, not grain, due to economic considerations at the farmer's discretion.

	Name	Code	Date
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