

Project information	
Project name	CARBONSAFE CARBON FARMING PROJECT - NORTH-BULGARIA
Project ID	CSBG-80-N
Project Developer	CARBONSAFE JSC
Crediting period	2021-2025
Verification period	23.03.2024-15.05.2025
Reporting date	31/05/2023
Approved by	

Brief description of the Project and SDGs contribution

The CarbonSafe Carbon Farming Project in North Bulgaria supports farmers in adopting regenerative agricultural practices that enhance soil organic carbon, improve soil health, and generate high-quality carbon credits through rigorous annual soil sampling and MBV. By transforming farmlands into carbon sinks, the project delivers climate mitigation benefits while creating additional income opportunities for local farmers.

Consolidation for CSBG-N SDG Contributions Form							Other SDGs related	
No.	SDG	SDG target/indicator	SDG Target indicator	Type of activity	Project contribution	Sentence		
1	SDG 2	2.4.1 Proportion of agricultural area under productive and sustainable agriculture	2.4	The project actively promotes sustainable agricultural practices by working directly with farmers. It tracks the number of farmers adopting these practices to measure progress and impact.	No. of farms participated in the Project	8	APLEND BULGARIA EOOD; SEKAPP BULGARIA EOOD; JV RUMEN; ET RUMEN NATSEV; APIS AGRO 88 OOD; ET TRASO-DOBROMIR VALCHEV; APIS AGRO 88 OOD; MAPPI 98 EOOD	SDG 12 (Responsible Consumption and Production) Aligns with responsible resource use (e.g., reduced fertilizer/pesticide inputs). → Sustainable farming practices resource intensity. SDG 13 (Climate Action): Contributes to Indicator 13.2 (Capacity for climate action) by scaling mitigation and adaptation at the farm level. → Farmer training and adoption as part of farmer-led capacity building. SDG 15 (Life on Land): Supports Indicator 15.1 (Land degradation neutrality) via improved land and soil management practices. → Adoption of sustainable practices contributes to soil restoration and land-degradation neutrality.
2	SDG 2	2.4.1 Proportion of agricultural area under productive and sustainable agriculture	2.4	Individualized land management strategies are developed and issued to farms to support the transition toward more sustainable methods.	No. of individual strategies issued	16	24.04.25-PR0103-Individual strategy_v1_22.06.23-APLEND BULGARIA EOOD; 24.04.25-PR0103-Individual strategy_v1_22.06.23-SEKAPP BULGARIA EOOD; 24.05.01-PR0103-Individual strategy_v1_22.06.23_SEKAPP BULGARIA EOOD; 24.10.15-PR0103-Individual strategy_v1_22.06.23_JV BEZMER; 24.11.28-PR0103-Individual strategy_v1_22.06.23_JV BEZMER; 24.05.01-PR0103-Individual strategy_v1_22.06.23_ET RUMEN NATSEV; 24.05.15-PR0103-Individual strategy_v1_22.06.23_NATSEV 2019 OOD; 24.05.01-PR0103-Individual strategy_v1_22.06.23_NATSEV 2019 OOD; 24.03.15-PR0103-Individual strategy_v1_22.06.23_ET TRASO-DOBROMIR VALCHEV; 24.04.15-PR0103-Individual strategy_v1_22.06.23_ET TRASO-DOBROMIR VALCHEV; 24.03.05-PR0103-Individual strategy_v1_22.06.23_APIS AGRO 88 OOD; 24.03.15-PR0103-Individual strategy_v1_22.06.23_APIS AGRO 88 OOD; 24.02.14-PR0103-Individual strategy_v1_22.06.23_MAPPI 98 EOOD; 24.04.01-PR0103-Individual strategy_v1_22.06.23_MAPPI 98 EOOD	SDG 13 (Climate Action): Contributes to Indicator 13.2 (Capacity-building for climate action) by equipping farmers with knowledge and strategies. → Project-level strategies are bottom-up contributions to capacity-building. SDG 15 (Life on Land): Supports Indicator 15.1 (Land degradation neutrality) by embedding soil and land restoration principles into farm-level planning. → Land management strategies help prevent degradation and restore soils.
3	SDG 2	2.4.1 Proportion of agricultural area under productive and sustainable agriculture	2.4	Agonomic recommendations are provided at the plot level, guiding farmers to implement sustainable practices in their daily operations.	No. of agonomic recommendation issued	189	Agonomic recommendations from 695 to 961, from 966 to 976, from 984 to 1032, from 1080 to 1090 in pdf format. Agonomic recommendations from 1085 to 1095, from 1042 to 1048 in pdf format. Agonomic recommendations from 612 to 617, from 1428 to 1431 in pdf format. Agonomic recommendations from 671 to 676, from 1847 to 1854 in pdf format. Agonomic recommendations from 679 to 685, from 1855 to 1859 in pdf format. Agonomic recommendations from 689 to 692, recommendations from 1543 to 1546 in pdf format. Agonomic recommendations from 618 to 620, from 1785 to 1787 in pdf format. Agonomic recommendations from 621 to 626, from 1791 to 1793 in pdf format.	SDG 13 (Climate Action): Contributes to Indicator 13.2 (Capacity-building for climate action) by equipping farmers with climate-smart agonomic solutions. → Recommendations provide direct knowledge transfer and farmer capacity-building. SDG 15 (Life on Land): Supports Indicator 15.1 (Land degradation neutrality) by embedding soil conservation and restoration practices in farm management. → Recommendations on soil and crop management help maintain or improve land quality.
4	SDG 13	13.2 Integrate climate change measures into national policies, strategies and planning	13.2	Net CO ₂ e sequestered in soils using verified soil carbon measurement and reporting methods. (Total greenhouse gas emissions per year) by tracing net emissions through sequestration	Amount of C sequestered tCO ₂ e/year	15837	N=25.04.05-PR0205-ER calculation, SOC_v3.1, APLEND, _ncap; N=25.04.05-PR0205-ER calculation, SOC_v3.1, JV BEZMER, _ncap; N=25.04.25-PR0205-ER calculation, SOC_v3.1, ET RUMEN NATSEV, _ncap; N=25.04.25-PR0205-ER calculation, SOC_v3.1, NATSEV 2019, _ncap; N=25.04.25-PR0205-ER calculation, SOC_v3.1, ET TRASO D. VALCHEV, _ncap; N=25.04.15-PR0205-ER calculation, SOC_v3.1, APIS AGRO 88, _ncap; N=25.04.15-PR0205-ER calculation, SOC_v3.1, MAPPI 98, _ncap;	SDG 15 (Life on Land): Supports Indicator 15.1 (Land degradation neutrality) by improving soil organic matter and land resilience. → Soil carbon sequestration is a direct way to restore land health and prevent degradation. SDG 2 (Zero Hunger): Aligns with Indicator 2.4.1 (Sustainable agriculture) when soil carbon is integrated into farming systems. → Verified soil carbon practices are part of sustainable agriculture.
5	SDG 13	13.2 Integrate climate change measures into national policies, strategies and planning	13.2	Tons of CO ₂ e equivalent removed from the atmosphere (tCO ₂ e) (Total greenhouse gas emissions per year) by reducing net emissions through verified carbon removals	Net amount of GHG removed from the atmosphere (tCO ₂ e)	49480	N=25.04.05-PR0205-ER calculation, SOC_v3.1, APLEND, _ncap; N=25.04.05-PR0205-ER calculation, SOC_v3.1, JV BEZMER, _ncap; N=25.04.25-PR0205-ER calculation, SOC_v3.1, ET RUMEN NATSEV, _ncap; N=25.04.25-PR0205-ER calculation, SOC_v3.1, NATSEV 2019, _ncap; N=25.04.25-PR0205-ER calculation, SOC_v3.1, ET TRASO D. VALCHEV, _ncap; N=25.04.15-PR0205-ER calculation, SOC_v3.1, APIS AGRO 88, _ncap; N=25.04.15-PR0205-ER calculation, SOC_v3.1, MAPPI 98, _ncap;	SDG 15.3.1 (Land degradation neutrality) through sustainable land management practices. → Carbon farming practices restore land and soil health.
6	SDG 15	15.3.1 Proportion of land that is degraded over total land area	15.3	Annual measurement of soil organic carbon and nutrient content through laboratory soil sampling. → Soil carbon and nutrient monitoring are direct measures of land degradation or restoration.	No. of soil samples/lab analyses held	1032	Lab Protocol No.: 10A-612.04.23, 141.15, 141.16, 141.20, 1421.08.03.23, 14214, 14215, 14216.02.03.23, 0064- 00403.04.24, 0085-017010.04.24, 15740.09.03.24, 15807.03.03.24, 15904.01.03.24, 15951, 15952, 15954.09.03.24, 200-25404.04.25, 008329.03.24, 0138-4130.02.03.24, 15740.09.03.24, 15804.01.03.24, 195-19504.04.25, Lab Protocol No.: 15804.01.03.24, 15805, 15807.03.03.2025, Lab Protocol No.: 15904.01.03.24, 15951, 15952, 15804.09.03.24, 419-488.03.02.2025, Lab Protocol No.: 15804.01.03.24, 15801, 15802, 15804.09.03.24, 077-044.07.03.23, Lab Protocol No.: 15867.01.01.24, 604-611.07.02.2025, Lab Protocol No.: 15566.04.11.23, 410-413.07.02.2025, 632-638, 640.7.03.2025	SDG 2 (Zero Hunger): Aligns with Indicator 2.4.1 (Sustainable agriculture) since soil monitoring supports sustainable and resilient farming systems. → Soil testing is a key method of monitoring sustainable farming practices. SDG 15 (Climate Action): Supports Indicator 15.2.2 (GHG emissions) as soil carbon data improves national greenhouse gas inventories and climate action strategies. → Soil organic carbon stock changes are part of GHG accounting under land use.
7	SDG 15	15.3.1 Proportion of land that is degraded over total land area	15.3	Improved soil conservation practices. → Soil conservation directly improves land quality, reducing degradation. Track % of project area under regenerative agriculture	Is with improved soil conservation practices	1983.76	23.01.18-PR0202-Administrative Contract, CARBONSAFE, APLEND BULGARIA EOOD and attachments; 23.01.18-PR0202-Administrative Contract, CARBONSAFE, SEKAPP BULGARIA EOOD; 23.05.25-PR0202-Additional agreement to contract_v1_4_20.01.23, JV BEZMER 24.02.05-PR0202-Admin. contract, CARBONSAFE, ET RUMEN NATSEV, _ncap; 2019 OOD_v1_18.01.24-far mer's 2_KEP 23.03.20-14-PR0202-Administrative Contract, CARBONSAFE, APIS AGRO 88 OOD_v1_22.06.23; 23.03.20-14-PR0202-Administrative Contract, CARBONSAFE, APIS AGRO 88 OOD_v1_22.06.23; 23.03.05-PR0202-Administrative Contract, CARBONSAFE, MAPPI 98 EOOD_v1_22.06.23	SDG 2 (Zero Hunger): Contributes to Indicator 2.4.1 (Sustainable agriculture) by expanding agricultural land under conservation practices. → Land under improved soil conservation counts toward sustainable agriculture. SDG 13 (Climate Action): Supports Indicator 13.2.2 (GHG emissions) through increased soil carbon sequestration and resilience benefits. → Improved soils can store more carbon and reduce emissions from erosion and degradation.