

METHODOLOGY FOR IMPROVEMENT OF THE REPORTING OF THE LEVEL OF SEQUESTERED CARBON IN THE SOIL IN THE AGRICULTURAL SECTOR

PREAMBLE

of 22 June 2023

regarding an amendment of

METHODOLOGY FOR IMPROVEMENT AND REPORTING OF THE LEVEL OF SEQUESTERED CARBON IN THE SOL IN THE AGRICULTURAL SECTOR

Carbonsafe OOD

Having taken into account the Climate Change Mitigation Act,

Having taken into account the Agricultural Producers Support Act,

Having taken into account the Agricultural Land Ownership and Use Act,

Having taken into account the Agricultural Land Conservation Act,

Having taken into account the Cadastre and Property Register Act,

Having taken into account the Regulation No. 3 of 29.01.1999 for establishment and maintenance of the register of agricultural farmers,

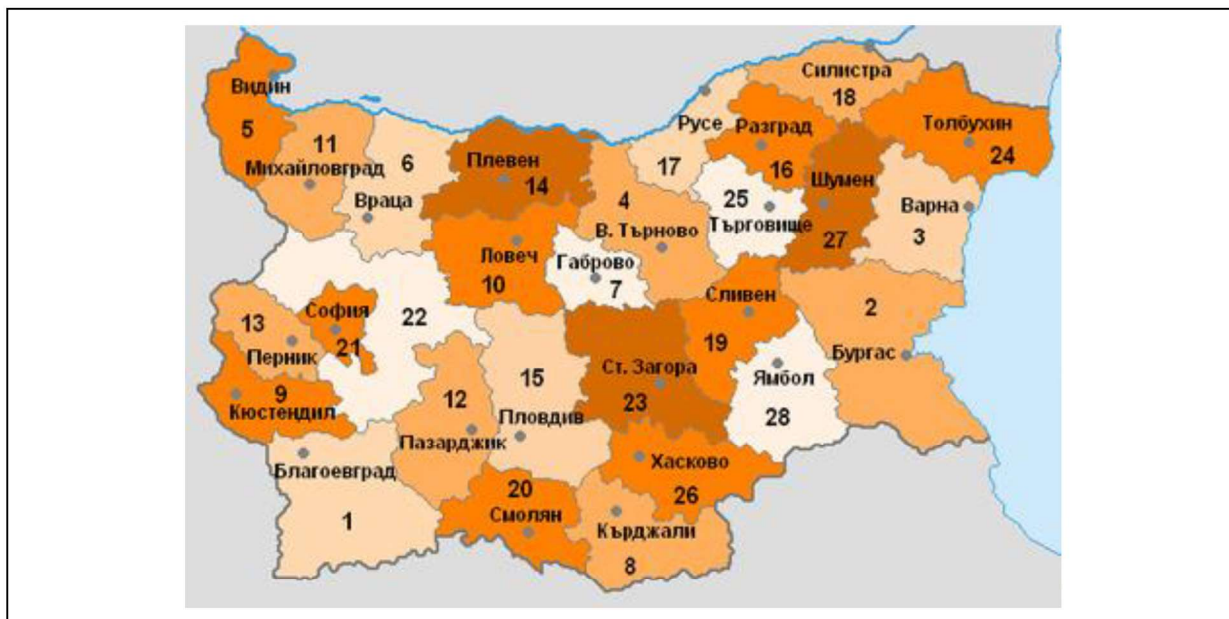
Developed the "Methodology for improvement and reporting the level of sequestered carbon in the soil, in the agricultural sector" hereinafter referred to as the "Methodology". The information described in the elaboration has taken into account the active statutory instruments on the territory of the Republic of Bulgaria. Here, activities pertaining to the development and implementation of the Methodology in the agricultural sector have been described. All notions, definitions and meanings refer to the development and implementation of the Methodology and are not applicable to documents issued by persons not related to it. Each change in the statutory regulation, activities and actions are promptly reflected therein.

TERRITORIAL SCOPE OF THE METHODOLOGY – THE REPUBLIC OF BULGARIA

The Republic of Bulgaria is a country in Southeast Europe. To the north it borders Romania, to the west – Serbia and North Macedonia, to the south – Greece, to the southeast – Turkey and to the east – the Black Sea. With an area of almost 111 000 km² and population of about 6 520 000 people (2021) it ranks respectively 11-th and 16-th in the European Union. Sofia is the capital and largest city in the country, followed by Plovdiv, Varna and Burgas.

Bulgaria is located in Southeastern Europe and occupies the eastern part of the Balkan Peninsular on the Black Sea coast. A total of 1,808 kilometres of road borders are shared with Greece and Turkey on the south, North Macedonia and Serbia on the west, and Romania on the north. On the east, there is the 354-kilometre coastline. Bulgaria is with a total area of 110 994 km², which ranks it the 105-th country in the world in terms of territory.

Administrative division:



Map of the districts in Bulgaria

Since 1999, the Republic of Bulgaria has been administratively divided into 28 districts: Blagoevgrad, Burgas, Varna, Veliko Tarnovo, Vidin, Vratsa, Gabrovo, Dobrich, Kardzhali, Kyustendil, Lovech, Montana, Pazardzhik, Pernik, Plevan, Plovdiv, Razgrad, Ruse, Silistra, Sliven, Smolyan, Sofia-capital District, Sofia District, Starqa Zagora, Targovishte, Haskovo, Shumen, Yambol. All of them are named after the district centre and the capital city of the country is an autonomous district. Before that, until 1987 the country was divided into 28 counties, and from 1987 to 1999 it was divided into 9 regions. The districts are divided into municipalities and the municipalities – into mayor's office regions. All 28 districts have a total of 265 municipalities as from 25.7.2014.

PROGRAMME

In the present Methodology, the CARBONSAFE programme is executed in one project „Bulgaria“- BG which is divided into 6 project regions on a territorial principle – Regions of planning by “NUTS II codes”.

PROJECT REGION

In the present Methodology, the Project regions are defined on a territorial principle, based on the use of agricultural land, as follows:

**BG3 North and Southeast Bulgaria****BG31 North-western region for planning –BG31NW**

BG311 District of Vidin

BG312 District of Montana

BG313 District of Vratsa

BG314 District of Pleven

BG315 District of Lovech

BG32 North central region for planning –BG32NC

BG321 District of Veliko Tarnovo

BG322 District of Gabrovo

BG323 District of Ruse

BG324 District of Razgrad

BG325 District of Silistra

BG33 North-eastern region for planning –BG33NE

BG331 District of Varna

BG332 District of Dobrich

BG333 District of Shumen

BG334 District of Targovishte

BG34 South-eastern region for planning –BG34SE

BG341 District of Burgas

BG342 District of Sliven

BG343 District of Yambol

BG344 District of Stara Zagora

BG4 Southwest and South central Bulgaria

BG41 Southwestern region for planning –BG41SW

BG411 Sofia City District

BG412 Sofia District

BG413 District of Blagoevgrad

BG414 District of Pernik

BG415 District of Kyustendil

BG42 South central region for planning –BG42SC

BG421 District of Plovdiv

BG422 District of Haskovo

BG423 District of Pazardzhik

BG424 District of Smolyan

BG425 District of Kardzhali



PROJECT

The present Methodology, define the project participants in the Project on a territorial principle, based on legal grounds for use of agricultural land. Each operator is one agricultural farm and applies the Methodology for a minimum of 5 years for the same areas/plots of land, as for that purpose they are allocated to a project region. It is admissible that one Operator take part in several project regions. The identification of each individual participant is created by means of an algorithm, as follows: <CSBG-42SC-23/27-AGRI-0001>, where – **CS** – is the name of the program, **BG** is the project name, **42SC** – is an abbreviation of the region of planning – **23/27** – is the relevant five-year period of monitoring – **AGRI** – is agricultural sector of application – **0001** – is the serial number of the operator – participant with a project.

OPERATORS

Participation of legal entities and/or natural persons that are registered Agricultural Farms from the sectors of Crop Growing and combined Crop Growing with Livestock Breeding. The agricultural farm should carry out their activities on the territory of the Republic of Bulgaria.

The Methodology is not applicable for Agricultural Farms from the Stock Breeding sector that are not cultivating agricultural land.

CONTROLLING ORGANIZATION OF THE PROJECTS AND PROGRAMMES

The activity of controlling, monitoring and reporting of the projects and programmes is carried out by CARBONSAFE OOD, in its capacity of owner of the Methodology.

CARBONSAFE OOD is a legal entity with profit purpose to a private benefit registered with the Commercial register of the Registry Agency of the Republic of Bulgaria. No parts of or the Methodology as a whole can be used by third parties without the express knowledge of CARBONSAFE OOD, as its owner. The present Methodology is patented by Patent Application No. 5613/13.02.2023 and Reg. No. 4392 as a useful model and No. 018769867, as a trademark of the European Union.

CARBONSAFE OOD is a private organization and is not affiliated to any government institutions and/or political organizations.

DOCUMENTS

The implementation of the Methodology includes a package of documents containing all the information about said methodology's implementation. The documents are of two types, external, issued by third parties and institutions, and internal, serving the project activity. Internal company documents are methodology, procedures, forms, checklists and additional forms necessary for the performance of the activity.

REGISTRATION OF AN AGRICULTURAL FARMER

The activity is governed by the Ministry of Agriculture. Each person wishing to perform activities in the field of agriculture and stock breeding should register. The registration of the activity is voluntary.

Each farmer fills out a form according to the model, with which they are obliged to register initially with a municipal office of "Agriculture". The registered document is certified by the district directorate "Agriculture". For this purpose, the farmer provides a set of documents including legal grounds for the use of agricultural land and/or registration documents for a livestock facility. The rights to use agricultural land are in the form of one-year lease contracts between two persons and/or an agreement between multiple users, and/or a multi-year lease contract, and/or it is proprietary. The documents describe a unique property identifier issued by the Geodesy, Cartography and Cadastre Agency.

In the Republic of Bulgaria, the form of land ownership is private, municipal, state and public-private. The agricultural producer is obliged to re-register every year according to the law while developing their activity. The term for initial registration is throughout the year, and for re-registration it is from 01.10. until 15.05. of the following calendar year.

Registration/re-registration documents as a farmer will be required when applying and implementing a carbon farming project. They certify the type of agricultural activity and the legal basis for the use of land.

Official website: <https://www.mzh.government.bg/>.

DIGITAL DATA OF THE LAND USED

Every registered agricultural holding or farm is entitled to free grant-in-aid, which is granted by the State Fund "Agriculture". The activity of the agricultural holding is controlled by the State Fund "Agriculture". Participation for such aid/support is declared by submitting an application electronically in the electronic platform of the State Fund "Agriculture" or by submitting documents on-site at a municipal office of "Agriculture". The period for applying for support is from 01.03. until

15.06. of each calendar year. The documents are an "Application for Assistance" including a unique plot identifier, crop grown, area and a "shape" file with digital information about cultivated areas. The formation of a unique identifier is done through software that includes a permanent No. of EKATTE of the land plot, automatic variable No. of BZS (block of agricultural farm) and an automatic variable No. of a plot, for example <24241-91-1-1>. The plot may contain one or several properties. In the DFZ SEU platform, there is an opportunity to check and compare the unique number of a property on a cadastral map with the unique number of an agricultural plot. The documents will also be part of the kit when applying for and implementing a carbon farming project. They certify the actual use of the land.

In case the agricultural holding does not participate for support, it is obliged to provide at its own expense "shape" files for the farmed land.

Official website: <https://seu.dfz.bg/>

LAND PROPERTY IDENTIFIER

The identification of a land plot is under the control of the State Agency of Geodesy, Cartography and Cadastre. Among some of the major functions of the Geodesy, Cartography and Cadastre Agency are under the Cadastre Act and the Property Register Act and they are: establishment and maintenance of the cadastral map and cadastral registers for the territory of the entire country; - performance of the activity of the cadastre in coordination with the activities under the Property Register, EKATTE /unified classifier of administrative-territorial and territorial units/, BULSTAT /unified national administrative register/, ESGRAON /unified system for civil registration and population service/ registers, the state and municipal property registers; providing administrative and technical service to citizens, departments, municipalities and other users of cadastral information; maintenance of the state geodetic, cartographic and cadastral fund; - keeping the registers of the persons legally capable of carrying out cadastre, geodesy and cartography activities.

For each land property, a document is issued - a sketch in which the unique number of the property, ownership, area, location, borders and neighbours are indicated. The formation of a unique identifier takes place by means of software which encompasses a permanent No. EKATTE of the land territory, permanent No. of the land massif, and automatic variable No. of the property, for example, <24241-0065-0013>. The document will be required and/or checked in an electronic register wherever necessary in relation to the implementation of a project for carbon farming. It will certify the ownership of the used land.

Official website: <https://www.cadastre.bg/>

CROPS GROWN IN BULGARIA AND PERIOD OF SAMPLING

Table with crops and period of sampling:

No.	CROP	GROUP	SAMPLING PERIOD
1	CEREALS	CEREALS	Initial vegetation phase and after harvest
2	Cereals and grain crops	Cereals and grain crops	Initial vegetation phase and after harvest
3	Soft winter wheat	Cereals and grain crops	Initial vegetation phase and after harvest
4	Soft spring wheat	Cereals and grain crops	Initial vegetation phase and after harvest
5	monograin spelled	Cereals and grain crops	Initial vegetation phase and after harvest
6	two-grain spelled	Cereals and grain crops	Initial vegetation phase and after harvest
7	durum wheat	Cereals and grain crops	Initial vegetation phase and after harvest

8	Winter rye	Cereals and grain crops	Initial vegetation phase and after harvest
9	Spring rye	Cereals and grain crops	Initial vegetation phase and after harvest
10	triticale-winter	Cereals and grain crops	Initial vegetation phase and after harvest
11	triticale-spring	Cereals and grain crops	Initial vegetation phase and after harvest
12	corn for grain	Cereals and grain crops	Initial vegetation phase and after harvest
13	winter barley	Cereals and grain crops	Initial vegetation phase and after harvest
14	spring barley	Cereals and grain crops	Initial vegetation phase and after harvest
15	Winter oats	Cereals and grain crops	Initial vegetation phase and after harvest
16	Spring oats	Cereals and grain crops	Initial vegetation phase and after harvest
17	millet	Cereals and grain crops	Initial vegetation phase and after harvest
18	sorghum	Cereals and grain crops	Initial vegetation phase and after harvest
19	rice	Cereals and grain crops	Initial vegetation phase and after harvest
20	other cereals	Cereals and grain crops	Initial vegetation phase and after harvest
21	Cereal-legume crops	Cereal-legume crops	Initial vegetation phase and after harvest
22	field beans	Cereal-legume crops	Initial vegetation phase and after harvest
23	chickpeas	Cereal-legume crops	Initial vegetation phase and after harvest
24	other cereals and legumes	Cereal-legume crops	Initial vegetation phase and after harvest
25	peas for grain - winter	Cereal-legume crops	Initial vegetation phase and after harvest
26	peas for grain - spring	Cereal-legume crops	Initial vegetation phase and after harvest
27	grain cob	Cereal-legume crops	Initial vegetation phase and after harvest
28	lens	Cereal-legume crops	Initial vegetation phase and after harvest
29	squealed	Cereal-legume crops	Initial vegetation phase and after harvest
30	TECHNICAL CROPS	TECHNICAL CROPS	Initial vegetation phase and after harvest
31	Industrial crops	Industrial crops	Initial vegetation phase and after harvest
32	hops	Industrial crops	Initial vegetation phase and after harvest
33	tobacco	Industrial crops	Initial vegetation phase and after harvest
34	Basmi	Industrial crops	Initial vegetation phase and after harvest
35	Kaba-kulak	Industrial crops	Initial vegetation phase and after harvest
36	Virginia	Industrial crops	Initial vegetation phase and after harvest
37	Burley	Industrial crops	Initial vegetation phase and after harvest
38	sugar beet	Industrial crops	Initial vegetation phase and after harvest
39	other industrial crops	Industrial crops	Initial vegetation phase and after harvest
40	chicory	Industrial crops	Initial vegetation phase and after harvest
41	Oil crops	Oil-yielding crops	Initial vegetation phase and after harvest
42	sunflower	Oil-yielding crops	Initial vegetation phase and after harvest
43	sesame	Oil-yielding crops	Initial vegetation phase and after harvest
44	Rapeseed - winter	Oil-yielding crops	Initial vegetation phase and after harvest
45	Rapeseed - spring	Oil-yielding crops	Initial vegetation phase and after harvest
46	soy	Oil-yielding crops	Initial vegetation phase and after harvest

47	peanuts	Oil-yielding crops	Initial vegetation phase and after harvest
48	oiled flax	Oil-yielding crops	Initial vegetation phase and after harvest
49	other oilseeds	Oil-yielding crops	Initial vegetation phase and after harvest
50	Pumpkins for seeds	Oil-yielding crops	Initial vegetation phase and after harvest
51	Fiber crops	Fiber crops	Initial vegetation phase and after harvest
52	cotton	Fiber crops	Initial vegetation phase and after harvest
53	flax fiber	Fiber crops	Initial vegetation phase and after harvest
54	hemp	Fiber crops	Initial vegetation phase and after harvest
55	other fiber crops	Fiber crops	Initial vegetation phase and after harvest
56	Medicinal and aromatic crops	Medicinal and aromatic crops	Initial vegetation phase and after harvest
57	anise	Medicinal and aromatic crops	Initial vegetation phase and after harvest
58	slice	Medicinal and aromatic crops	Initial vegetation phase and after harvest
59	coriander	Medicinal and aromatic crops	Initial vegetation phase and after harvest
60	cumin	Medicinal and aromatic crops	Initial vegetation phase and after harvest
61	valerian	Medicinal and aromatic crops	Initial vegetation phase and after harvest
62	basil	Medicinal and aromatic crops	Initial vegetation phase and after harvest
63	White Thorn	Medicinal and aromatic crops	Initial vegetation phase and after harvest
64	chamomile	Medicinal and aromatic crops	Initial vegetation phase and after harvest
65	marjoram	Medicinal and aromatic crops	Initial vegetation phase and after harvest
66	tattoo	Medicinal and aromatic crops	Initial vegetation phase and after harvest
67	black cumin	Medicinal and aromatic crops	Initial vegetation phase and after harvest
68	other medicinal and aromatic crops	Medicinal and aromatic crops	Initial vegetation phase and after harvest
69	FORAGE CROPS	FORAGE CROPS	Initial vegetation phase and after harvest
70	Annual forage crops	Annual forage crops	Initial vegetation phase and after harvest
71	corn for silage	Annual forage crops	Initial vegetation phase and after harvest
72	fodder beet	Annual forage crops	Initial vegetation phase and after harvest
73	annual cereals	Annual forage crops	Initial vegetation phase and after harvest
74	annual cereals and legumes	Annual forage crops	Initial vegetation phase and after harvest
75	vetch	Annual forage crops	Initial vegetation phase and after harvest
76	Bitter vetch	Annual forage crops	Initial vegetation phase and after harvest
77	turnip	Annual forage crops	Initial vegetation phase and after harvest
78	mustard	Annual forage crops	Initial vegetation phase and after harvest
79	mixed annuals	Annual forage crops	Initial vegetation phase and after harvest
80	annual forage vegetables	Annual forage crops	Initial vegetation phase and after harvest
81	other fodder vegetables	Annual forage crops	Initial vegetation phase and after harvest
82	other forage crops	Annual forage crops	Initial vegetation phase and after harvest
83	Perennial forage crops	Perennial forage crops	Initial vegetation phase and after harvest
84	artificial wheat meadows	Perennial forage crops	Initial vegetation phase and after harvest
85	artificial bean meadows	Perennial forage crops	Initial vegetation phase and after harvest

86	alfalfa	Perennial forage crops	Initial vegetation phase and after harvest
87	clover	Perennial forage crops	Initial vegetation phase and after harvest
88	starry	Perennial forage crops	Initial vegetation phase and after harvest
89	asparagus	Perennial forage crops	Initial vegetation phase and after harvest
90	lupine	Perennial forage crops	Initial vegetation phase and after harvest
91	artificial meadows-mixed plantations	Perennial forage crops	Initial vegetation phase and after harvest
92	FRESH VEGETABLES	FRESH VEGETABLES	Initial vegetation phase and after harvest
93	Fruit and vegetable crops	Fruit-yielding vegetable crops	Initial vegetation phase and after harvest
94	tomatoes outdoors	Fruit-yielding vegetable crops	Initial vegetation phase and after harvest
95	pepper outdoors	Fruit-yielding vegetable crops	Initial vegetation phase and after harvest
96	eggplant	Fruit-yielding vegetable crops	Initial vegetation phase and after harvest
97	cucumbers outdoors	Fruit-yielding vegetable crops	Initial vegetation phase and after harvest
98	gherkins	Fruit-yielding vegetable crops	Initial vegetation phase and after harvest
99	gherkins outdoors	Fruit-yielding vegetable crops	Initial vegetation phase and after harvest
100	Zucchini	Fruit-yielding vegetable crops	Initial vegetation phase and after harvest
101	pumpkins	Fruit-yielding vegetable crops	Initial vegetation phase and after harvest
102	watermelons	Fruit-yielding vegetable crops	Initial vegetation phase and after harvest
103	melons	Fruit-yielding vegetable crops	Initial vegetation phase and after harvest
104	green beans	Fruit-yielding vegetable crops	Initial vegetation phase and after harvest
105	green peas	Fruit-yielding vegetable crops	Initial vegetation phase and after harvest
106	green bean	Fruit-yielding vegetable crops	Initial vegetation phase and after harvest
107	okra	Fruit-yielding vegetable crops	Initial vegetation phase and after harvest
108	sweet corn	Fruit-yielding vegetable crops	Initial vegetation phase and after harvest
109	other fruit-yielding vegetable crops	Fruit-yielding vegetable crops	Initial vegetation phase and after harvest
110	Leafy vegetable crops	Leafy vegetable crops	Initial vegetation phase and after harvest
111	cabbage	Leafy vegetable crops	Initial vegetation phase and after harvest
112	Cauliflower	Leafy vegetable crops	Initial vegetation phase and after harvest
113	broccoli	Leafy vegetable crops	Initial vegetation phase and after harvest
114	salad	Leafy vegetable crops	Initial vegetation phase and after harvest
115	lettuce	Leafy vegetable crops	Initial vegetation phase and after harvest
116	spinach	Leafy vegetable crops	Initial vegetation phase and after harvest
117	other leafy crops	Leafy vegetable crops	Initial vegetation phase and after harvest
118	fennel	Leafy vegetable crops	Initial vegetation phase and after harvest
119	Root vegetable crops	Root vegetable crops	Initial vegetation phase and after harvest
120	carrots	Root vegetable crops	Initial vegetation phase and after harvest
121	parsley	Root vegetable crops	Initial vegetation phase and after harvest
122	celery	Root vegetable crops	Initial vegetation phase and after harvest
123	beetroot salad	Root vegetable crops	Initial vegetation phase and after harvest
124	radishes	Root vegetable crops	Initial vegetation phase and after harvest

125	turnip	Root vegetable crops	Initial vegetation phase and after harvest
126	other root crops	Root vegetable crops	Initial vegetation phase and after harvest
127	Bulbous vegetable crops	Bulbous vegetable crops	Initial vegetation phase and after harvest
128	onion	Bulbous vegetable crops	Initial vegetation phase and after harvest
129	garlic	Bulbous vegetable crops	Initial vegetation phase and after harvest
130	leek	Bulbous vegetable crops	Initial vegetation phase and after harvest
131	Seed onion /arpajik/	Bulbous vegetable crops	Initial vegetation phase and after harvest
132	other bulbous vegetable crops	Bulbous vegetable crops	Initial vegetation phase and after harvest
133	Other vegetable crops	Other vegetable crops	Initial vegetation phase and after harvest
134	Perennial vegetable crops	Perennial vegetable crops	Initial vegetation phase and after harvest
135	artichoke	Perennial vegetable crops	Initial vegetation phase and after harvest
136	asparagus	Perennial vegetable crops	Initial vegetation phase and after harvest
137	other perennial vegetable crops	Perennial vegetable crops	Initial vegetation phase and after harvest
138	POTATOES	POTATOES	Initial vegetation phase and after harvest
139	FLOWERS AND DECORATIVE PLANTS	FLOWERS AND ORNAMENTAL PLANTS	Initial vegetation phase and after harvest
140	Flowers grown for cut blossom	FLOWERS AND ORNAMENTAL PLANTS	Initial vegetation phase and after harvest
141	Flowers grown for bulbs	FLOWERS AND ORNAMENTAL PLANTS	Initial vegetation phase and after harvest
142	Pot cultures	FLOWERS AND ORNAMENTAL PLANTS	Initial vegetation phase and after harvest
143	Ornamental shrubs	FLOWERS AND ORNAMENTAL PLANTS	Initial vegetation phase and after harvest
144	Other ornamental plants	FLOWERS AND ORNAMENTAL PLANTS	Initial vegetation phase and after harvest
145	Areas for the production of seed and planting stock	AREAS FOR THE PRODUCTION OF SEED AND PLANTING STOCK	Initial vegetation phase and after harvest
146	Industrial crops	AREAS FOR THE PRODUCTION OF SEED AND PLANTING STOCK	Initial vegetation phase and after harvest
147	sugar beet	AREAS FOR THE PRODUCTION OF SEED AND PLANTING STOCK	Initial vegetation phase and after harvest
148	fodder beet	AREAS FOR THE PRODUCTION OF SEED AND PLANTING STOCK	Initial vegetation phase and after harvest
149	hops	AREAS FOR THE PRODUCTION OF SEED AND PLANTING STOCK	Initial vegetation phase and after harvest
150	tobacco	AREAS FOR THE PRODUCTION OF SEED AND PLANTING STOCK	Initial vegetation phase and after harvest
151	other industrial crops	AREAS FOR THE PRODUCTION OF SEED AND PLANTING STOCK	Initial vegetation phase and after harvest
152	Fiber crops	AREAS FOR THE PRODUCTION OF SEED AND PLANTING STOCK	Initial vegetation phase and after harvest
153	Medicinal and aromatic crops	AREAS FOR THE PRODUCTION OF SEED AND PLANTING STOCK	Initial vegetation phase and after harvest

154	Vegetables	AREAS FOR THE PRODUCTION OF SEED AND PLANTING STOCK	Initial vegetation phase and after harvest
155	Strawberry	AREAS FOR THE PRODUCTION OF SEED AND PLANTING STOCK	Initial vegetation phase and after harvest
156	Flowers	AREAS FOR THE PRODUCTION OF SEED AND PLANTING STOCK	Initial vegetation phase and after harvest
157	Artificial meadows	AREAS FOR THE PRODUCTION OF SEED AND PLANTING STOCK	Initial vegetation phase and after harvest
158	GREENHOUSE AREAS	GREENHOUSE AREAS	Initial vegetation phase and after harvest
159	Fruit-yielding vegetable crops	GREENHOUSE AREAS	Initial vegetation phase and after harvest
160	tomatoes - heated greenhouses	GREENHOUSE AREAS	Initial vegetation phase and after harvest
161	tomatoes - unheated greenhouses	GREENHOUSE AREAS	Initial vegetation phase and after harvest
162	pepper - heated greenhouses	GREENHOUSE AREAS	Initial vegetation phase and after harvest
163	pepper - unheated greenhouses	GREENHOUSE AREAS	Initial vegetation phase and after harvest
164	cucumbers - heated greenhouses	GREENHOUSE AREAS	Initial vegetation phase and after harvest
165	cucumbers - unheated greenhouses	GREENHOUSE AREAS	Initial vegetation phase and after harvest
166	Leafy vegetable crops	GREENHOUSE AREAS	Initial vegetation phase and after harvest
167	Root vegetable crops	GREENHOUSE AREAS	Initial vegetation phase and after harvest
168	Bulb vegetable crops	GREENHOUSE AREAS	Initial vegetation phase and after harvest
169	Other vegetable crops	GREENHOUSE AREAS	Initial vegetation phase and after harvest
170	Flowers and ornamental plants	GREENHOUSE AREAS	Initial vegetation phase and after harvest
171	flowers	GREENHOUSE AREAS	Initial vegetation phase and after harvest
172	AREA WITH FALLOW LAND	AREA WITH FALLOW LAND	Initial vegetation phase and after harvest
173	VINEYARDS	VINEYARDS	Initial vegetation phase and after harvest
174	Wine vineyards	VINEYARDS	Initial vegetation phase and after harvest
175	Dessert vineyards	VINEYARDS	Initial vegetation phase and after harvest
176	FRUIT TYPES	FRUIT TYPES	Initial vegetation phase and after harvest
177	Seed fruit species	Seed fruit types	Initial vegetation phase and after harvest
178	apples	Seed fruit types	Initial vegetation phase and after harvest
179	pears	Seed fruit types	Initial vegetation phase and after harvest
180	quinces	Seed fruit types	Initial vegetation phase and after harvest
181	medlars	Seed fruit types	Initial vegetation phase and after harvest
182	other seed fruit species	Seed fruit types	Initial vegetation phase and after harvest
183	Stone fruit species	Bone fruit types	Initial vegetation phase and after harvest
184	plums	Bone fruit types	Initial vegetation phase and after harvest
185	peaches	Bone fruit types	Initial vegetation phase and after harvest
186	nectarines	Bone fruit types	Initial vegetation phase and after harvest
187	apricots/greens	Bone fruit types	Initial vegetation phase and after harvest
188	cherries	Bone fruit types	Initial vegetation phase and after harvest

189	cherries	Bone fruit types	Initial vegetation phase and after harvest
190	dogwood	Bone fruit types	Initial vegetation phase and after harvest
191	other stone fruit species	Bone fruit types	Initial vegetation phase and after harvest
192	Nut (shell) species	Nut (shell) types	Initial vegetation phase and after harvest
193	walnuts	Nut (shell) types	Initial vegetation phase and after harvest
194	almonds	Nut (shell) types	Initial vegetation phase and after harvest
195	hazelnuts	Nut (shell) types	Initial vegetation phase and after harvest
196	chestnuts	Nut (shell) types	Initial vegetation phase and after harvest
197	pistachios	Nut (shell) types	Initial vegetation phase and after harvest
198	other nut (shell) species	Nut (shell) types	Initial vegetation phase and after harvest
199	Berry varieties	Berry varieties	Initial vegetation phase and after harvest
200	strawberries	Berry varieties	Initial vegetation phase and after harvest
201	raspberries	Berry varieties	Initial vegetation phase and after harvest
202	blackberries	Berry varieties	Initial vegetation phase and after harvest
203	gooseberry	Berry varieties	Initial vegetation phase and after harvest
204	aronia	Berry varieties	Initial vegetation phase and after harvest
205	black currant	Berry varieties	Initial vegetation phase and after harvest
206	actinidia (kiwi)	Berry varieties	Initial vegetation phase and after harvest
207	prickly grapes	Berry varieties	Initial vegetation phase and after harvest
208	blueberries	Berry varieties	Initial vegetation phase and after harvest
209	figs	Berry varieties	Initial vegetation phase and after harvest
210	other berry crops	Berry varieties	Initial vegetation phase and after harvest
211	Other fruit types	Other fruit types	
212	PERENNIAL MEDICINAL AND AROMATIC CROPS	PERENNIAL MEDICINAL AND AROMATIC CROPS	Initial vegetation phase and after harvest
213	Medicinal and Aromatic crops	PERENNIAL MEDICINAL AND AROMATIC CROPS	Initial vegetation phase and after harvest
214	Essential oil-yielding rose	PERENNIAL MEDICINAL AND AROMATIC CROPS	Initial vegetation phase and after harvest
215	lavender	PERENNIAL MEDICINAL AND AROMATIC CROPS	Initial vegetation phase and after harvest
216	mint	PERENNIAL MEDICINAL AND AROMATIC CROPS	Initial vegetation phase and after harvest
217	belladonna	PERENNIAL MEDICINAL AND AROMATIC CROPS	Initial vegetation phase and after harvest
218	marsh snowdrop	PERENNIAL MEDICINAL AND AROMATIC CROPS	Initial vegetation phase and after harvest
219	daydreaming	PERENNIAL MEDICINAL AND AROMATIC CROPS	Initial vegetation phase and after harvest
220	white oregano	PERENNIAL MEDICINAL AND AROMATIC CROPS	Initial vegetation phase and after harvest
221	echinacea	PERENNIAL MEDICINAL AND AROMATIC CROPS	Initial vegetation phase and after harvest
222	yellow poppy	PERENNIAL MEDICINAL AND AROMATIC CROPS	Initial vegetation phase and after harvest
223	winter-green	PERENNIAL MEDICINAL AND AROMATIC CROPS	Initial vegetation phase and after harvest
224	Vinca minor	PERENNIAL MEDICINAL AND AROMATIC CROPS	Initial vegetation phase and after harvest

225	leuzea	PERENNIAL MEDICINAL AND AROMATIC CROPS	Initial vegetation phase and after harvest
226	lemon balm	PERENNIAL MEDICINAL AND AROMATIC CROPS	Initial vegetation phase and after harvest
227	thyme	PERENNIAL MEDICINAL AND AROMATIC CROPS	Initial vegetation phase and after harvest
228	medicinal althaea	PERENNIAL MEDICINAL AND AROMATIC CROPS	Initial vegetation phase and after harvest
229	monarda	PERENNIAL MEDICINAL AND AROMATIC CROPS	Initial vegetation phase and after harvest
230	Nepeta mussini	PERENNIAL MEDICINAL AND AROMATIC CROPS	Initial vegetation phase and after harvest
231	wormwood	PERENNIAL MEDICINAL AND AROMATIC CROPS	Initial vegetation phase and after harvest
232	pyrethrum	PERENNIAL MEDICINAL AND AROMATIC CROPS	Initial vegetation phase and after harvest
233	rosemary	PERENNIAL MEDICINAL AND AROMATIC CROPS	Initial vegetation phase and after harvest
234	sage	PERENNIAL MEDICINAL AND AROMATIC CROPS	Initial vegetation phase and after harvest
235	Blitum bonus henricus	PERENNIAL MEDICINAL AND AROMATIC CROPS	Initial vegetation phase and after harvest
236	rose hip	PERENNIAL MEDICINAL AND AROMATIC CROPS	Initial vegetation phase and after harvest
237	other perennial aromatic crops	PERENNIAL MEDICINAL AND AROMATIC CROPS	Initial vegetation phase and after harvest
238	NURSERIES	NURSERIES	Initial vegetation phase and after harvest
239	Vine planting material	NURSERIES	Initial vegetation phase and after harvest
240	Fruit planting material	NURSERIES	Initial vegetation phase and after harvest
241	Nurseries for ornamental plants	NURSERIES	Initial vegetation phase and after harvest
242	Nurseries for forest saplings	NURSERIES	Initial vegetation phase and after harvest
243	OTHER PERMANENT PLANTATIONS	NURSERIES	Initial vegetation phase and after harvest
244	Tree crops with a short rotation cycle	OTHER PERMANENT PLANTATIONS	Initial vegetation phase and after harvest
245	POPLARS	OTHER PERMANENT PLANTATIONS	Initial vegetation phase and after harvest
246	Black poplar	TREE CROPS WITH SHORT ROTATION CYCLE	Initial vegetation phase and after harvest
247	White poplar	TREE CROPS WITH SHORT ROTATION CYCLE	Initial vegetation phase and after harvest
248	Aspen	TREE CROPS WITH SHORT ROTATION CYCLE	Initial vegetation phase and after harvest
249	WILLOWS	TREE CROPS WITH SHORT ROTATION CYCLE	Initial vegetation phase and after harvest
250	White Willow	TREE CROPS WITH SHORT ROTATION CYCLE	Initial vegetation phase and after harvest
251	Tritium willow	TREE CROPS WITH SHORT ROTATION CYCLE	Initial vegetation phase and after harvest
252	Brittle willow	TREE CROPS WITH SHORT ROTATION CYCLE	Initial vegetation phase and after harvest
253	Osier willow	TREE CROPS WITH SHORT ROTATION CYCLE	Initial vegetation phase and after harvest

254	Salix willow	TREE CROPS WITH SHORT ROTATION CYCLE	Initial vegetation phase and after harvest
255	Black alder	TREE CROPS WITH SHORT ROTATION CYCLE	Initial vegetation phase and after harvest
256	Silver-leaved linden	TREE CROPS WITH SHORT ROTATION CYCLE	Initial vegetation phase and after harvest
257	Polish elm	TREE CROPS WITH SHORT ROTATION CYCLE	Initial vegetation phase and after harvest
258	Hazelnut	TREE CROPS WITH SHORT ROTATION CYCLE	Initial vegetation phase and after harvest
259	Eastern plane tree	TREE CROPS WITH SHORT ROTATION CYCLE	Initial vegetation phase and after harvest
260	White mulberry	TREE CROPS WITH SHORT ROTATION CYCLE	Initial vegetation phase and after harvest
261	Black mulberry	TREE CROPS WITH SHORT ROTATION CYCLE	Initial vegetation phase and after harvest
262	Perennial grass species	OTHER PERMANENT PLANTATIONS	Initial vegetation phase and after harvest
263	Permanent or temporary pastures for grazing animals (pastures and pastures)	PERENNIAL GRASS AREAS	Initial vegetation phase and after harvest
264	Meadows for mowing	PERENNIAL GRASS AREAS	Initial vegetation phase and after harvest
265	Permanently grassed areas maintained in a condition suitable for grazing or mowing	PERENNIAL GRASS AREAS	Initial vegetation phase and after harvest
266	FAMILY GARDENS	FAMILY GARDENS	Initial vegetation phase and after harvest
267	CULTIVATED MUSHROOMS	CULTIVATED MUSHROOMS	Initial vegetation phase and after harvest

DEADLINES AND PERIODS

NATIONAL

„Calendar year“, starting from 01 January and ending on 31 December.

„Accounting year“, starting from 01 January and ending on 31 December.

„Economic year“, encompassing the period from 1 October of the current year to 30 September of the following year; applied in agriculture.

METHODOLOGY

„Initial registration“ of a project – all the year round;

„Annual re-registration“ of a project, starting from 01.03. and ending on 20.06.

„Edition of information by an Operator“ – all the year round, according to the type of editing.

DEFINITIONS. INTERPRETATION

„**Carbonsafe carbon programme**“ constitutes a system of sustained agricultural practices based on regenerative agriculture, aiming at improvement of the contents of organic matter in the soil, increasing of the capture of greenhouse gases and their storage throughout the monitoring period. The activities contribute to reducing the carbon footprint and at the same time stimulate and accelerate the process of carbon sequestration in the soil. The control and reporting of sequestered carbon in the soil is based on a methodology including: agronomic assessment of the suitability of agricultural crops and plant species, a special protocol for georeferenced soil sampling with an automatic probe and chemical laboratory analysis of soil samples.

„**Regenerative agriculture**“ constitutes a system for agriculture, which is based on several different parameters and practices, such as minimum soil cultivation, use of cover crops and active crop rotation, use of organic fertilization, healthy management of crop residues and reduced use of fuel, stimulating the implementation of rotational grazing in the places where livestock breeding is developed.

„**Sequestration**“ constitutes a biological process of capturing, keeping and long-term storage of carbon in the soil.

„**Cell**“ constitutes the territory from which an average sample is formed.

„**Agricultural farm/holding**“ constitutes the aggregate of areas cultivated by the Operator, specified in Appendix 1 of the agreement.

„**Baseline**“ constitutes the starting point of the content of organic carbon in the soil, as to which the following measurement and analysis of the result is performed.

„**Macroelements**“ constitutes the following elements: K, Ca, N, Mg, P, S.

„**Microelements**“ constitutes the following elements: Cu, Mn, Zn, B, Fe, Mo, Na.

The management of CARBONSAFE OOD approved this amendment of the “METHODOLOGY FOR IMPROVEMENT AND REPORTING OF THE LEVEL OF SEQUESTERED CARBON IN THE SOIL IN THE AGRICULTURAL SECTOR “