



The implementation of anti-drought measures in Braviceni, Moldova



Non-adequate approaches in soil processing and application of fertilizers, along with the applications of non-adequate species and overall low level of know-how in the area of a water management and preven-



tion of droughts brought once flourishing Moldovan agriculture into deterioration and halt. The first outcome of this project

was to develop a new system in soil processing along with water management practices, incl. utilisation of all available water sources in the area of Braviceni village, Central Moldova. The second outcome of this project was to apply new methods in soil processing (e.g. minimisation methods, incl. establishment of 5 ha testing ground) and overall the water management system to prevent harsh droughts effects in the future. The third outcome and our main responsibility within the project was a suitable combination of water resources so that the resulting water had much better quality than a single water source. To achieve this wastewater treatment was installed as well as the water harvesting technology from the local agriculture farm to add suitable water into the system. Thus, environmental benefits were achieved as well. The overall focus



of this project was to develop a replicable model in the Republic of Moldova.



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- 1 The seeding of chosen crops within the field works in Braviceni.
- 2 The specialists of project team within the field works in Braviceni.
- 3 The preparation of particular seeds and adjustment of a seed drill carried out by local partners.
- 4 The Academy of scientist in Chisinau.
- 5 The majority of vegetables is usually grown in a greenhouse. Useful area of greenhouse roof can be effectively utilized for collection of rain waters.



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