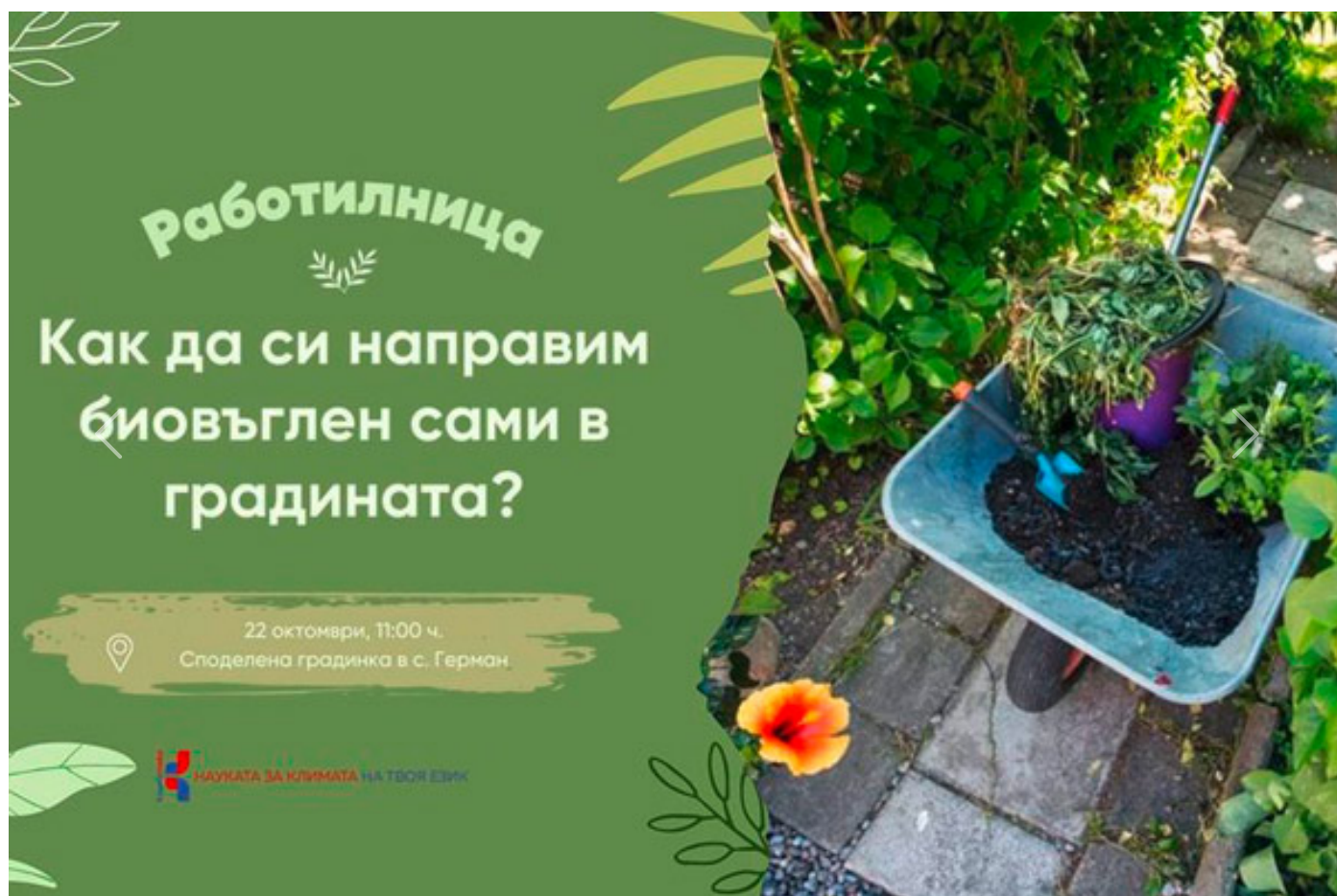


How to Make Biochar Yourself in the Garden

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Join the free workshop **“How to Make Your Own Biochar in the Garden?”** at the Shared Garden in the village of German on 22 October 2022 (Saturday) from 10:00 a.m. to 2:00 p.m.

The event is open to beginner gardening enthusiasts, as well as to people with more experience, and to all who are interested in urban agriculture, permaculture and biodynamic agriculture.

During the workshop, Radina Kaldamukova, author at Climateka, will explain what biochar is, what properties it has and what its applications are. The creation of biochar consists of several steps, which we will go through during the workshop. And while the production process is underway, we will have the opportunity to hear

interesting facts about its use, to walk around the garden, and for each of you to share interesting practices that you apply in your own garden.

What are the benefits and applications of biochar?

Biochar improves soil characteristics by contributing to the retention of water and nutrients and at the same time facilitating the long-term and stable storage of carbon in the soil.

This material is obtained by burning biomass such as wood, leaves, manure, sawdust, compost, etc. in a closed container, with a small amount or in the absence of oxygen.

The use of biochar is one of the promising strategies for the conservation and improvement of soil.

Biochar is an ancient method that has been rediscovered in modern agriculture and gardening and can be produced both industrially and in one's own garden.

You can read more about biochar and its advantages and applications in the article by Radina Kaldamukova: "What Is the Role of Biochar in Achieving the Sustainable Development Goals".

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The host of the event will be the Shared Garden German. It has existed for over 8 years, covering an area of about 0.5 ha, and is a place where anyone with desire and determination can establish their own vegetable garden in harmony with nature. We strive to follow the principles of permaculture, biodynamic agriculture or, more generally, gardening without poisons. Each of us does this in their own way and the most important thing is the end product – home-grown food and satisfaction.

Climateka is a popular science platform on climate change and the challenges and solutions related to it. It works with scientists and experts from various fields who write original articles and translate climate science into accessible language.

Radina Kaldamukova is an author at Climateka. She holds a Master's degree in Geoecology from the University of Tübingen, Germany. In her Master's thesis she studied the effects of biochar on sunflower yields, as well as on soil greenhouse gas emissions in a field experiment. She is a participant in the expert programme on climate change „Pioneers into practice“, organized by Climate-KIC. Gardening enthusiast and supporter of organic farming.

The village of German is located 15 km from Sofia, in the direction of Pancharevo. The exact coordinates of the Garden are here: rebrand.ly/f3d169