Horti-BlueC webinar 1: Large scale gasification for energy and biochar production

dinsdag, 11 mei 2021

Online event

ILVO

event.event register at https://docs.google.com/forms/d/e/1FAIpQLSfaVcWK_VJEaPgS-jnfL8CfXo6eLIuwsFRrAuK2pte4p7jSzw/viewform

From waste to resource: Interreg 2 Seas Horti-BlueC is organising **4 webinars** on the **valorisation** of 5 local **byproducts** into building blocks for more **sustainable growing media** in horticulture.

How feasible are those valorisation chains, both technically, economically and logistically? Which processing or treatment is necessary to convert the waste streams into valuable resources for replacing peat, coir and mineral wool? Do these building blocks truly contribute to effective new growing media blends for strawberry and tomato plants, with reduced fertilizer and chemical crop protection product use?

These questions will be addressed in the four webinars.

The first three will take place this Spring and the fourth webinar is planned for Fall 2021. Check the calendar for the announcement and registration link of the other Horti-BlueC webinars.
The topic of this first webinar is the large scale gasification of residual biomass such as the woody fraction of green waste and plant fibers. The

conversion of this material provides energy for heating and lighting of greenhouses. The produced charred material, named biochar, is rich in carbon and has the potential to help mitigate climate change via C sequestration. When added to growing media, biochar can increase the fertility, horticultural productivity and the resistance of plants against specific foliar and soil-borne diseases.
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