

## GECO2 project Training workshop

Biochar in agriculture:  
an opportunity to store carbon in soil

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December 6<sup>th</sup>, 2019, 9.00-14.00  
Nullo Baldini Room, via Faentina 106, RAVENNA (IT)

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## Agenda

- 09:00 Registration
- 09:20 Welcome address - Legacoop Romagna
- 09:30 GECO2 project presentation - Vittorio Marletto, ARPAE Simc
- 09:50 Flame weeding and biochar: a possible coupling? - Davide Bersani, RES Società Cooperativa
- 10:10 Hydrochar: production and potential uses - Giuseppe Gherardi, ET s.r.l.
- 10:30 Biochar from gasification of agricultural side products: a case study in the viticultural chain - Simone Pedrazzi, Dipartimento di Ingegneria Enzo Ferrari Università di Modena e Reggio Emilia
- 10:50 Biochar application on giant reed (*Arundo donax* L.) in the Po valley - Enrico Ceotto, CREA Centro di Ricerca Agricoltura e Ambiente
- 11:10 ENOCHAR: carbon storage in viticulture - Nicolas Greggio e Diego Marazza, EMRG Lab. Università di Bologna
- 11:30 The Italian Biochar Association and the Italian legislation on biochar - Alessandro Pozzi, ICHAR
- 11:50 10-year application of biochar in a vineyard - Francesco Primo Vaccari, IBE-CNR
- 12:10 Il biochar from conifer wood chips as amendment of agricultural soils in Alto Adige: impacts on GHG emissions and soil carbon stocks - Maurizio Ventura, Facoltà di Scienze e Tecnologie Libera Università di Bolzano
- 12:30 Early results on biochar applications in several viticultural case studies within the Emilia-Romagna- Giovanni Nigro e Paola Tessarin, CRPV
- 12:50 General discussion
- 13:10 Networking lunch
- 14:00 Conclusion

If you are interested in participating, you are kindly asked to sent an email to Giulia Villani ([gvillani@arpae.it](mailto:gvillani@arpae.it)) and Antonio Volta ([avolta@arpae.it](mailto:avolta@arpae.it))

#### ABSTRACT

‘Biochar in agriculture: an opportunity to store carbon in soil’ is a training workshop organized by Arpae and Legacoop Romagna in the framework of **Interreg Italia-Croazia project GECO2** ([www.italy-croatia.eu/geco2](http://www.italy-croatia.eu/geco2)).

Biochar is the name of a special form of charcoal obtained through the transformation of organic biomass into a carbon-rich material, characterized by great stability over time.

The use of biochar in recent years is currently considered one of the most effective measures to mitigate climate change in the agro-forestry sector. Research in this field has also highlighted the positive impacts of biochar on agricultural yields, with environmental advantages that even overcome the removal of carbon from the atmosphere.

This training day aims at presenting the latest aspects of biochar production from agricultural residues and its uses from an agronomic and environmental point of view, through the most recent developments in research and innovation.