

BLACK TO THE FUTURE

A two-year EIT
FOOD project
about Biochar, its
applications and
development

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ECOMONDO

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ABSTRACT

For years we have been persistently trying to find new solutions to combat climate change and its negative effects on the agricultural sector. The solution developed by the "Black to the Future" (co-financed by the EIT FOOD and coordinated by the Caviro Group) could really make a difference. The project, in fact, has tested the potential of a new amendament called "CBmix®," composed of a mixture of compost and biochar (a carbonaceous material derived from the thermal degradation of agricultural prunings) that can enrich soils with organic matter and combat desertification and climate change by sequestering CO2 in soil. Thanks to the participation of national and international agronomic and environmental experts from different organizations - Caviro Group, Enomondo srl, University of Bologna, R.I.NOVA, Cyprus University of Technology, Consejo Superior de Investigaciones Científicas (CSIC), Urban Crops Solutions, Consorzio Italiano Compostatori (CIC), and Associazione Nazionale Biochar (ICHAR) - we are going to explain the circular approach of this project and its main results.

AGENDA

The conference will be moderated by Lorenzo Tosi, Redazione Edagricole

9.30	<p>Welcome and Introduction</p> <p>Carlo Dalmonte - President of Caviro Group</p> <p>Sergio Celotti - CEO of Enomondo srl <i>The fertilizer market development in the last years (15')</i></p> <p>Rosa Prati - R&D Manager of Caviro Group (20') <i>- The "Black to the future" project: an introduction to the project and its future developments</i> <i>- The circular approach of Caviro Group</i></p>
10.05	<p>Carbon credits and the new European legislation</p> <p>Massimo Centemero - General Director of Consorzio Italiano Compostatori (C.I.C.) <i>The new organic fertilizers in Italy according to the new European directives (15')</i></p>
10.20	<p>Climate change compost</p> <p>Alessandro Pozzi - ICHAR President <i>New biochar perspectives according to the new climate change regulations and policies (15')</i></p> <p>Nicolas Greggio - University of Bologna <i>What is the CBMIX®? Preparation and characterization of this new amendament (15')</i></p>
10.50	<p>Coffee Break (10')</p>
11.00	<p>Scientific and final report data</p> <p>Alessandro Buscaroli - University of Bologna <i>Effects on soil after 2 years application of the new circular fertilizer (15')</i></p> <p>Giovanni Nigro - R.I.NOVA <i>The scientific evidence about the biochar positive effects used directly in vineyard (15')</i></p> <p>Miguel Angel Sanchez-Monedero Consejo Superior de Investigaciones Científicas (CSIC) <i>The CBMIX® effect on fast growing crops (15')</i></p> <p>Michalakakis Christoforou - Cyprus University of Technology (CUT) <i>Report and results about phytosanitary treatments (15')</i></p> <p>Maarten Vandecruys - Urban Crops Solutions <i>Results about the adoption of the CBMIX® in the indoor vertical agriculture (15')</i></p>
12.15	<p>Conclusion</p> <p>Giovanni Ferrucci - Sales Manager of Enomondo srl <i>Compost, market opportunities and further development (15')</i></p>
12.30	<p>Final Q&A</p>

