



Österreichischer Verein für
Biomasse-Karbonisierung – ÖBIKA
- Austrian Biomass Carbonisation Society -

9th Austrian Biochar Day

Date: 1 October 2026 (conference) | 2 October 2026 (field trip)

Venue: TU Wien (Böcklsaal), Karlsplatz 13, 1040 Wien

Agenda – Oktober 1, 2026

9:00	Get together
09:30	Introduction
09:45 – 10:30	Industry development & Framework conditions
10:30 – 10:45	Poster Pitch
<i>10:45 – 11:15</i>	<i>Coffee break</i>
11:15 – 12:30	Latest Developments in Biochar Research
<i>12:30 – 13:15</i>	<i>Lunch</i>
13:15 – 14:45	“Meet the neighbours” – Podium discussion
<i>14:45 – 15:15</i>	<i>Coffee break</i>
15:15 – 16:00	Best practice – Demonstration & Implementation
16:00 – 16:15	Summary & Closing

Conference Program Details

Presentations held in German will be translated into English using live audio & AI (LiveVoice). To use this service, **you must bring your own headphones in combination with your own smartphone.**

Industry development & Framework conditions

Biochar – Update on International Standardization Activities

Josef Rathbauer, HBLFA Francisco Josephinum

Biochar and the EU Procurement Program: The Most Mature Method Without Market Access

Johannes Pulsfort, Vienna University of Economics and Business

Activities on Biochar within the Framework of IEA Bioenergy

Manuel Schwabl, Bioenergy and Sustainable Technologies GmbH (BEST)

Latest Developments in Biochar Research

BIOCHARm – Potential Analysis of the Use of Biochar in the Construction Sector as a Contribution to Achieving Climate Neutrality

Stefan Affenberger, Graz University of Technology (TUG)

Enhancing Agricultural Carbon Sinks:

The Role of Biochar in Cost-effective Climate Mitigation and Carbon Farming

Stefan Frank, International Institute for Applied Systems Analysis (IIASA)

The Potential of Biochar in the EU Integrated Iron and Steel Making Industry

Jim Allanson, Luleå University of Technology (LTU) / Intern. Institute for Applied Systems Analysis (IIASA),

Hydrothermal carbonization as a pretreatment technology for upgrading wet biogenic feedstocks for thermochemical conversion

Theresa Brunauer, BOKU University – IVET

TestB4Invest – Systematic assessment of pyrolysis potential

Michael Fahrngruber, Bioenergy and Sustainable Technologies GmbH (BEST)

“Meet the neighbours” – Country Updates & Panel Discussion (will be held in English)

Tanja Merglez/Nina Meglic (SI), Vilém Řiháček, Biouhřirna (CZ), Julia Winter (Charnet, CH), Benedikt Zimmermann (German Biochar, D), ÖBIKA / IG Holzkraft(AT), Requested: Tomaso Bertoli (ICHAR, IT)

Best practice – Demonstration & Implementation

Development of a New Biogas Additive Based on a Biochar-Mineral Complex

Gerald Dunst, Sonnenerde GmbH

Pyro4Uppcycle – Regional Business Model for Upcycling Agricultural Residues via Pyrolysis in Upper Austria

Wolfgang Wührer, Wührer Holz GmbH

Posters

Char2Crete - klimafitter Beton durch funktionalisierte Biokohle – *Johannes Zeilinger, Ecoplus*

Long-term efficiency of metal immobilization by soil amendments in a metal contaminated area in Austria – *Flora Brumen, Universität für Bodenkultur*

The potential use of sewage sludge biochar in green roof substrates for P recovery and carbon sequestration – *Ferdinand Hartmann, Universität für Bodenkultur*

Design and Feasibility Assessment of an Autonomous Circular Farm Integrating Food Production, Livestock, Water Management, Renewable Energy, and Waste Valorization through Pyrolysis: A Five-Year Mediterranean Case Study for One Person – *Abdelhalim Latrach, University of Monastir*

Der digitale Kompass+ für die Ressourcenwende – *Thomas Timmel, Biobase*

Field trip – Oktober 2, 2026

Tour of the Experimental Garden and Sponge City Projects with Biochar.

DI Thomas Roth, HBLFA for Horticulture and Austrian Federal Gardens

The tour will take place from 9:00 to 10:30 AM. Meeting point: 8:45 am, Grünbergstraße 24, 1130 Wien

This year's Biochar Day features only one excursion destination. As this site is located in Vienna and easily accessible by public transport, no shuttle service will be provided.