- All Actions
- Biomedicine and Molecular Biosciences (BMBS)
- Chemistry and Molecular Sciences and Technologies (CMST)
- Earth System Science and Environmental Management (ESSEM)
- Food and Agriculture (FA)
  - Actions
- Forests, their Products and Services (FPS)
- Individuals, Societies, Cultures and Health (ISCH)
- Information and Communication Technologies (ICT)
- Materials, Physics and Nanosciences (MPNS)
- Transport and Urban Development (TUD)
- Trans-Domain Proposals
- COST Action Networking Tools

FA COST Action TD1107

Biochar as option for sustainable resource management

Descriptions are provided by the Actions directly via e-COST.

This Action connects scattered European Biochar research to enable quick implementation of intelligent material flow management systems, to maintain or improve soil quality while efficiently sequestering carbon in the long-term. Innovative Biochar strategies can help the EU mitigating greenhouse gases, while industries and farmers benefit from new markets, opportunities and use of improved soils, e.g. for biofuel production without endangering food supply. However, a risk assessment is necessary to protect food web and human health. Current Biochar research is often fragmented, unnecessarily repeated, and new scientific evidence is not connected or implemented, due to the lack of interaction and knowledge exchange. Therefore, this Action aims at coordinating European Biochar research, bringing together researchers, stakeholders and potential users from EU and candidate countries. This will be accomplished by annual Biochar Workshops, Short-Term Missions among EU young, senior and female researchers, Training Schools, and an internet platform to monitor and streamline Biochar R&D. Four working groups will focus on (i) Biochar production and characterisation, (ii) land use implementation, (iii) economic analysis including life cycle assessment and (iv) environmental impact assessment. The Action will thus strengthen EUâ€,€„€s leadership in the increasing competition with non-European Biochar actors.

Food and Agriculture COST Action TD1107

- Description
- Parties
- Management Committee

General Information*

Chair of the Action:
Prof Bruno GLASER (DE)

Vice Chair of the Action:
Dr Ellen GRABER (IL)

Science officer of the Action:
Dr Federica ORTELLI

Administrative officer of the Action:
Ms Anja VAN DER SNICKT

Downloads*

Action Fact Sheet
Download AFS as .RTF

Memorandum of Understanding
Download MoU as PDF

Annual Progress Conference Report
Download Annual Progress Conference Report as PDF

Progress Report
Download Progress Report as PDF

Poster
Download Poster as PDF

Websites*

Action website:
http://cost.european-biochar.org/

Domain website:
http://www.cost.eu/fa

* content provided by e-COST.
Data is synchronised once per night.