



Terra Preta Project

Combined application of biochar and microbial inoculant for deteriorated soils

supported by

Green Industry Innovation Program – EEA Grants and Norway Grants

Opening workshop

Introduction of the *Terra Preta* Consortium: research activities

Date: 1st September 2014

Venue: Budapest University of Technology and Economics,
CH Building, 2nd Floor, Room 205

Address: 1111 Budapest, Szent Gellért square 4.

9.30–10.00 Arrival and registration

10.00–11.15 Introduction of the *Terra Preta* Consortium members

Workshop opening: Introduction of the Terra Preta Project

Katalin Gruiz: Environmental biotechnologies at BME and the activities of the Environmental Microbiology and Biotechnology Research Group

Daniel Rasse: Research at BIOFORSK and biochar activities in Norway

Anna Szkladányi: Introduction of BIOFIL

Nikolett Uzinger: Environmental research at MTA ATK TAKI

Questions and answers

11.15–11.30 Coffee break

11.30–12.45 Scientific experiences and results I.

Eszter Tóth: Modelling the water retention capacity and soil CO₂ emission/sequestration of different soil type

Csilla Farkas: Investigation of soil structure and modelling the water and heat cycle of soil

Mónika Molnár: Soil remediation and integrated technology monitoring

Viktória Feigl: Improvement of degraded soil by waste

Questions and answers

12.45–14.00 Lunch break

14.00–15.45 Scientific experiences and results II.

József Kutasi: Application of microbial soil inoculation in agriculture

Ildikó Puspán, József Kutasi: Attachment of bacteria on solid carriers

Rita Kovács, József Kutasi: The BIOFIL TVR strain collection

Márk Rékási: Experimental sites of the MTA ATK TAKI and research experiences

Emese Vaszita: The SOILUTIL waste database

Alice Budai: Which biochar to use?

Questions and answers

15.45-16.00 Closing the session, concluding remarks

Project partners

BIOFIL Microbiological, Biotechnological and Biochemical Ltd.

BME Budapest University of Technology and Economics, Department of Applied Biotechnology and Food Science

MTA Hungarian Academy of Sciences, Institute for Soil Sciences and Agricultural Chemistry, Centre for Agricultural Research (ATK TAKI)

Donor partner

BIOFORSK Norwegian Institute for Agricultural and Environmental Research

