



EPSO Biofuels Workshop

The Royal Society, Carlton House Terrace
London, UK

28-29 May 2008



European Plant
Science Organisation
www.eposweb.org

Programme

The purpose of the meeting is to bring together leading European and international scientists from academia and industry with research expertise in plant biomass crops, biomass decomposition and fermentation, and fuel production. Leading scientists will discuss the current state of the art and initiate the necessary multidisciplinary networks to tackle major bottlenecks in the sustainable and economically viable production of transport fuels from plant biomass.

EPSO will publish a white paper arising from the meeting. This aims to establish the scientific cohesion and funding potential necessary for European scientists to make important contributions to sustainable energy production.

Size of the meeting: maximum 40 attendees

Organisers: Mike Bevan (John Innes Centre, UK) and Rishi Bhalerao (Umea Plant Science Centre, Sweden)

WEDNESDAY 28 MAY 2008

0930

Welcome Coffee

1030

Welcome and Introduction

Mike Bevan, John Innes Centre
Rishi Bhalerao, Umea Plant Centre

1045

Biorefineries and Biofuels in FP7:
a European perspective

Alfredo Aguilar, European Commission, DG Research

1105

Multidisciplinary Approaches to
Bioenergy Research

Richard Templer, The Porter Alliance

1135

Availability and supply of biomass: A research
roadmap to meet the increasing demand

Calliope Panoutsou, Imperial College, Biofuels ETP

1155

Polysaccharide composition

Paul Dupree, Univ. Cambridge

1225

Sandwich lunch

1330

Biomass Crop Improvement

Angela Karp, Rothamsted Research

1400

Composition and Conversion

Nilay Shah, Imperial College

1430

Sustainability and biofuel production

Jeremy Woods, Imperial College

1500

Development of Second Generation
Biofuel Crop

Steve Long, Univ. Illinois, Champaign-Urbana

1530

Lignin Biosynthesis

Wout Boerjan, VIB Gent

1600 – 1700

Tea and Discussion

1900

Dinner

THURSDAY 29 MAY 2008

0900

Bioenergy crops
Poplar

Michele Morgante, Udine

0930

Miscanthus

Iain Donnison, Univ. Aberystwyth

1000

Wood development

Rishi Bhalerao, Umea Plant Sciences

1030

Cell wall dynamics

Gregory Mouille, INRA Versailles

1100

Coffee

1130

Making Cost Effective Cellulosic Biofuel:
Achieving High-Level Expression of Exo-
Glucanase Cellulases in Plants

Simon Warner, Syngenta

1200

Lipids and Oils

Ian Graham, CNAP, Univ. York

1230

Metabolic engineering

Merja Penttilä, VTT Biotechnology, Espoo

1300

Co-production

Peter Williams, ABN, Peterborough

1330

Lunch

1430

Roundtable

1600

Tea and depart