



Agriculture and
Agri-Food Canada

Agriculture et
Agroalimentaire Canada

International
SCIENTIFIC COOPERATION



ABIP - BIPA

Canada-European Union Workshop on Biorefineries: “Biofuels & Bioproducts”

February 18-19, 2008
Montreal, Quebec

Food,
Agriculture and Fisheries,
and Biotechnology
Knowledge Based Bio-Economy (KBBE)



Community research

Canada

Delta Hotel - Downtown
777, rue University
Montreal, Quebec

February 18, 2008

08:30-09:00 Registration

09:00-09:20 Welcome address and introduction

Room
Verrière AB Dr. Yvon Martel
Chief Scientist, International, AAFC

Dr. Line Matthiessen-Guyader
Head of Unit, Horizontal aspects and
Coordination
Research Directorate-General
European Commission

09:20-10:00 Overview of the programme

Presentation of the AAFC-ABIP Programme
Dr. Gordon Neish
Director General
Bio-Products and Processes

FP-7 EU Theme 2 – Biotechnologies
Dr. Alfredo Aguilar-Romanillos
Head of Unit – Biotechnologies
Research Directorate-General
European Commission

10:00-10:30 Coffee break

Room
Verrière AB

10:30-12:30 Twinning Research Opportunities

Chair: Dr. Christiane Deslauriers
Science Director, AAFC
Bio-Products & Bioprocesses

Co-Chair: Dr. Piero Venturi
Biotechnologies, Agriculture and Food
Research Directorate-General
European Commission

MODULE 1

Every presentation should take 15 minutes
+5 minutes for questions. We will alternate EU
and CANADA speakers.

EUROPE

Future Crops for Food, Feed, Fiber and Fuel
Dr. Efi Alexopoulos
Centre for Renewable Energy Sources,
GREECE

**Industrial Crops Producing Added Value Oils
for Novel Chemicals**
Prof. Sten Stymne
Sveriges Länbruksuniversitet, SWEDEN

CANADA

**Canola Biodiesel: Sustainable Cropping
System Platforms for Biodiesel Feedstock
Quantity and Quality**
Dr. Neil Harker, AAFC
Lacombe, Alberta

**The BioPotato Network: A Canadian Network
for Potato-Based Bioproducts**
Dr. Helen Tai, AAFC
Fredericton, New-Brunswick

**Agricultural Biorefinery Innovation Network
for Green Energy Fuels and Chemicals (ABIN)**
Dr. Jamal Chaouki
École Polytechnique de Montréal, Quebec

12:30-13:30 Working lunch
Room
Verrière AB

13:30-15:30 Presentations continue

MODULE 2

EUROPE

**Mobilizing the Enzymatic Potential of
Hydrocarbonoclastic Bacteria and the
Oleaginous Yeast Yarrowia Lipolytica to
Create Powerful Cellular Production Platform
for Lipid-Derived Industrial Materials**
Dr. Julia Sabirova
Ghent University, BELGIUM

Improving Plant Cell Walls for Use as a Renewable Industrial Feedstock
Prof. Simon McQueen-Mason
University of York, UNITED KINGDOM

EU-based Production and Exploitation of Alternative Rubber and Latex Sources
Dr. Jan van Beilen
Swiss Federal Institute of Technology,
SWITZERLAND

Targetted Discovery of Novel Cellulose
Prof. Lisa Viikari
University of Helsinki, FINLAND

CANADA

The Cellulosic Biofuel Network
Dr. Serge Laberge, AAFC
Québec, Quebec

Transcript Profiling for Biomass Improvement (TPBI)
Dr. Peter McCourt
University of Toronto, Ontario

15:00-15:30 **Coffee break**
Room
Verrière AB

15:30-18:00 **Presentations continue**

MODULE 3

EUROPE

Enhancing Poplar Traits for Energy Applications
Prof. Gail Taylor
University of Southampton, UNITED KINGDOM

Forest Resources Sustainability through Bio-Based Composite Development
Profs. Andrea Lazzeri and Luca Marconcini
University of Pisa, ITALY

Effective Redesign of Oxidative Enzymes for Green Chemistry
Dr. Marco Fraaije
University of Groningen, THE NETHERLANDS

Integrated European Network for Biomass and Waste Reutilisation for Bioproducts
Dr. Steinar Beck
University of Akureyri, ICELAND

CANADA

Industrial Oilseed Network (IOSN)
Mr. Alain Tremblay, Oleotek
Thedford Mines, Quebec

Triticale Canadian Triticale Biorefinery Initiative (CTBI)
Dr. François Eudes, AAFC
Lethbridge, Alberta

The Natural Fibres of the Green Economy Network (NAFGEN)
Mr. Les Rankin
Flax Canada 2015 Inc.
Winnipeg, Manitoba

Pulse Research Network (PURENET)
Mr. Gordon Bacon
Pulse Canada
Winnipeg, Manitoba

Questions and answers

Wrap-up of the day

18:00-19:30 **Business Group Reception**
Room
Terrasse

February 19, 2008

09:00 **Welcome from the Canadians and European Union Administrators**

Room
Verrière AB

9:15-10:00 **Outlines of previous day**

10:00-12:00 **Bilateral meetings between Canadians and Europeans Project Leaders**

Chair: Dr. Piero Venturi
Biotechnologies, Agriculture and Food
Research Directorate-General
European Commission

Co-Chair: Dr. Christiane Deslauriers
Science Director, AAFC
Bio-Products & Bioprocesses

Objective: Identify twinning opportunities: topic, participants, organization, expected outcomes

Module 1
Module 2
Module 3

12:00-12:30 **Summary of the discussions and report to the Administrators (form to be filled)**

12:30-13:30 **Working lunch**
Room
Verrière AB

13:30-16:30 **Plenary Session**
Room
Verrière AB

Chair: Dr. Christiane Deslauriers (Canada)

Co-Chair: Dr. Alfredo Aguilar-Romanillos (Europe)

Presentation by Project Leaders of possible twinning

Module 1
Module 2
Module 3

Workplans for collaborations, questions and comments

15:00 **Coffee served during session**
Room
Verrière AB

16:00 **Wrap-up and next steps**
Dr. Gordon Neish and Dr. Alfredo Aguilar-Romanillos

16:30 **Closure of workshop**
Dr. Yvon Martel and Dr. Alfredo Aguilar-Romanillos

END OF WORKSHOP