

SECOND GENERATION ETHANOL – A POSSIBLE REALITY

Tortona, AL – ITALY – 5th February 2008

Centro Mater Dei - Via Sparpaglione Don Domenico, 15

9.30 Registration and welcome coffee

10.00 Greetings:

Mercedes Bresso - *President of The Piemonte Region*

Paolo Filippi - *President of the Province of Alessandria*

Francesco Marguati - *Mayor of Tortona*

Giancarlo Cerutti - *President Il Sole 24 ORE*

MORNING SESSION : Strategy for Cellulosic Ethanol

Chair of the session:

Luigi Nicolais – *Italian Minister for Innovation and Technologies*

10.30 Cellulosic Ethanol: Road map for the industry
Guido Ghisolfi – *Vice President Gruppo M&G*

10.55 Future energy demand and opportunities for bioethanol. How to sustain the development of second generation Bioethanol
Corrado Clini – *Chair GBEP Global Bioenergy Partnership*

11.20 Enabling technologies. State of the art
John Ranieri - *Vice President and General Manager DuPont Bio-Based Materials*

11.45 Research and Development Challenges of Bioethanol from Cellulosic Biomass
Daniel I.C. Wang – *Professor Department of Chemical Engineering MIT- Massachusetts Institute of Technology*

12.10 The out look from an environmental point of view
Edoardo Zanchini – *National manager of urban areas and transport Legambiente*

12.35 Final remarks by the Minister **Luigi Nicolais**

13.00 Buffet Lunch

AFTERNOON SESSION : Research and technology development to enable second generation ethanol.

Chair of the session:

Andrea Bairati - *Research, University and Innovation Councillor for The Piemonte Region*

14.30 Research Cooperation between University and Industry to fuel innovation and enable industry growth

Guido Saracco – *Department Director of Materials Science and Engineering Chemistry, Politecnico di Torino*

14.45 Learning from photosynthesis how to make biofuels

James Barber – *Professor of Biochemistry, Imperial College of London*

15.00 Energy crops

Giuseppe Manara – *Vice President and Southern Operations Manager Pioneer*

15.15 Technology, a key to the success

Guido Zacchi – *Professore of Chemical Engineering, University of Lund*

15.30 Second generation ethanol. How to reach the goal. The PRO.E.SA project

Dario Giordano – *Global Director Corporate Research & Development M&G Group*

15.45 Question and answer session

16.00 Closing remarks by the Councillor **Andrea Bairati**