



Italy – Australia Bilateral Workshop on Biomass Conversion and Utilization

Thursday, December 8th, 2011, Italian Institute of Culture, Melbourne

An Italy–Australia Bilateral Workshop on the latest developments, related to the conversion and use of biomass for the production of fine chemicals, fuels and feed-stocks, will provide an opportunity for networking, information sharing and identifying potential areas for research and/or commercial collaborations.

Introduction and welcome

10.00 – 10.15: Prof Tony Patti, Monash University, Dr Marco Matacotta Cordella, Consul General for Italy and Prof Oscar Moze, Scientific Attaché, Embassy of Italy

Green Issues overview – Sustainability Challenges, New Processes - the Big Picture

10.15 – 10.45: **For a Bio - based Economy: Big Picture Overview**, Dr Mike O'Shea, Molecular and Health Technologies, Division of Materials Science and Engineering, Commonwealth Scientific and Industrial Research Organization

10.45 – 11.30: **Thermal Biomass Conversion, Thermal Bio-refinery**, Prof Ferruccio Trifirò, Department of Industrial Chemistry and Materials, University of Bologna

11.30 – 12.00: **Challenges and Opportunities in a Carbon Constrained World: An Australian Perspective**, Prof Thomas Maschmeyer, Laboratory of Advanced Catalysis for Sustainability, University of Sydney

12.00 – 12.30 pm: **Panel discussion**

Life Cycle Issues, Green Materials and Processes

13.30 – 14.15: **When "Green" is not enough**, Prof Sergio Ulgiati, Department of Environmental Sciences, "Parthenope" University of Naples

14.15 – 14.45: **Fine Chemicals and Surface Coatings from Biosources**, Prof Roy Jackson, Centre for Green Chemistry, Monash University

14.45 – 15.15: **Renewable Chemicals: Polymers**, Rosanna de Marco, Dow Chemical (Australia) Ltd

15.15 – 15.35 pm: **Panel discussion**

Industry and other participants open discussion - Future Challenges and Opportunities

15.50 – 16.30: **Session facilitator**, Prof. Milton Hearn, Director, Centre for Green Chemistry, School of Chemistry, Monash University

16.30 – 17.45: **Networking session**