

Conference Program

7th A3PS Conference

Eco-Mobility 2012

Strategies, Roadmaps and R&D Programs
*including projects of industry, research and public authorities
 for the market introduction of
 Alternative Propulsion Systems and Fuels*

11th and 12th December 2012
 Tech Gate Vienna

Austrian Agency for Alternative Propulsion Systems

1st Conference Day

Welcome Address	10:00	
		Andreas Dorda – A3PS
Keynote Session	10:15 – 12:45	Chair: Andreas Dorda – A3PS
		Evelinde Grassegger – bmvit – Austria Austrian R&D funding instruments for a sustainable mobility system
		Franz X. Söldner – European Commission DG MOVE – Belgium European Alternative Fuels Strategy
		David Beeton – Urban Foresight – UK Policies and Practices to Advance Electric Vehicle Ecosystems: A UK and Global Perspective
		Kisang Lee – Hyundai – South Korea The Technological Status of Green Cars in Hyundai-Kia Motor Company
		Andreas Dorda – A3PS A3PS Strategy for Clean Vehicles
Lunch	12:45 – 14:00	
1st Session	14:00 – 15:40	Chair: Harald Plöckinger – KTM
		Frank Beste – AVL E-Mobility Flagship VECEPT
		Helmut Eichlseder / Peter Grabner – IVT Graz University of Technology Potential of CNG-Diesel Dual-Fuel Internal Combustion Engines for Mobile Applications
		Thomas Korn – Alset Advantages of bi-fuel ICE
		Werner Tober – IFA Vienna University of Technology Comparison of battery electric vehicles regarding their energy- and greenhouse gas emissions in real operation
		Hannes Lacher – AIT (Austrian Institute of Technology) SmartBatt – An Intelligent Battery System Combined with Light Metal Construction
Coffee Break	15:40 – 16:20	
2nd Session	16:20 – 17:40	Chair: Wolfgang Kriegler – Magna Steyr
		Ewald Wahlmüller – Fronius E-LOG-Biofleet: Fuel Cell Systems for Intralogistics
		Franz Leichtfried – Biovest Consulting High-volume versus high-pressure PEM electrolysis for hydrogen mobility and energy storage
		Gerfried Jungmeier – Joanneum Research Transportation Biofuels are Reality – Current Status and Future Challenges in Austria
		Daniel Huber / Georg Wagner – Spirit Design – Innovation and Brand GmbH Thinking the Future: Mobility 3.0 for a smaller footprint

End of 1st Conference Day 17:40

2nd Conference Day

Keynote Session	9:00 – 11:00	Chair: Andreas Dorda – A3PS
	Jean-Luc di Paola-Galloni – VALEO & ERTRAC Vice Chairman – France The Role of Automotive Supply Companies for the Development of Alternative Mobility Systems	
	Lars-Göran Rosengren – VOLVO & ERTRAC Steering Group – Sweden ERTRAC Heavy Duty Truck Road Map	
	Ken Rose – CONCAWE – Belgium Meeting Europe's Demand for Transport and Fuels	
	Jens Borken-Kleefeld – IIASA – Austria Impact of future vehicles on the air quality in Europe	
Coffee Break	11:00 – 11:30	
Panel Discussion	11:30 – 12:15	Moderation: Andreas Dorda – A3PS
	Participants: David Beeton – Urban Foresight – UK Jens Borken-Kleefeld – IIASA – Austria Jean-Luc di Paola-Galloni – VALEO & ERTRAC Vice Chairman – France Ken Rose – CONCAWE – Belgium Lars-Göran Rosengren – VOLVO & ERTRAC Steering Group – Sweden Franz X. Söldner – European Commission DG MOVE – Belgium	
Lunch	12:15 – 13:30	
1st Session	13:30 – 14:50	Chair: Christine Tissot – AIT
	Wolfgang Kriegler – Magna Steyr Requirements and Challenges of Energy Storage Systems for Green Vehicles	
	Peter Lucier – BRP Powertrain In-Use Performance Testing of Butanol - Extended Fuel in Recreational Marine Engines	
	Gert Holler – EMT Graz University of Technology Flying-Wheels in Automotive Applications	
	Manfred Schrödl / Florian Demmelmayr – ESEA Vienna University of Technology Comparison of synchronous Machines with Neodymium and Ferrite Magnets for Electrical Traction Systems	
Coffee Break	14:50 – 15:10	
2nd Session	15:10 – 16:30	Chair: Ewald Wahlmüller – Fronius
	Viktor Hacker – ICVT Graz University of Technology Biogas as a Possible Feedstock for Decentralised Hydrogen Production	
	Manfred Wörgetter / Andrea Sonnleitner – bioenergy2020+ Algaebased Transport Fuels	
	Dina Bacovsky – AMF Secretary Advanced Motor Fuels	
	Manfred Klell – HyCentA Regenerative Produced Hydrogen: Potential & Perspectives	

End of Conference 16:30



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