



Ambasciata d'Italia
Oakhill, Djurgården, 115 21 Stockholm

Workshop

Technologies for Sustainable Mobility

Aim: Presentation and demonstration of ground and naval vehicles with low environmental impact both on a scientific and a technological base.

Target: Government (general and local), ministerial technicians, specialized press, universities and researchers seeking cooperation, public and private operators.

Thursday 3 April,

Tekniska Museet, Stockholm

09:00-12:30

Welcome by HE Ambassador of Italy Anna Della Croce

Welcome by representatives of the Swedish Government

Introduction by the Scientific Attaché, Piero Mazzinghi

SCIENTIFIC TALKS:

1. Environmental policy

- **Massimo Gaiani**, Diplomatic Counsellor, Ministry of European Affairs, and Coordinator of CIACE Secretary Office, Rome
"The proposed European Regulation of CO₂ emissions of light vehicles"

- **Lars Ekecrantz**, Ministry of Environment
"Environmental impact of vehicular traffic in Sweden and the role of bio-fuels"

2. Transport and bio-fuel

- **Prof. Sergio Ulgiati**, University Parthenope of Naples
"The environmental sustainability of Bio-fuels"
- **Ing. Michele Gambino**, CNR, Institute for Motors, Naples
"The potentiality of gaseous bio-fuels in maximizing energy balance and minimizing air pollution"

COFFEE BREAK

- **Prof. Alberto Battistelli**, CNR-IBAF, Porano (Terni)
"Sustainability and research in production of wood and cellulose biomass"

3. Naval eco-friendly transport

- **Prof. Dario Boote**, University of Genoa
"Environmental compatibility of naval transports"
- **Prof. Jakob Kутtenkeuler**, KTH, Stockholm
"Environmental impact of Naval Transport in Sweden"

12:30

LUNCH

14:00-17:30

TECHNOLOGICAL TALKS:

4. Propulsion and optimization

- **Professor Hans-Erik Ångström**, KTH, Stockholm
"Technologies for efficiency improvement in current vehicles: downsizing, combustion optimization, mass reduction"
- **Prof. Cesare Pianese**, University of Salerno
"Toward ZEV: serial hybrid, parallel hybrid, hydrogen and fuel cells"

5. Sustainable light vehicles

- **Prof. Vittore Cossalter**, University of Padua
"Future trends in motorcycle technology for urban mobility and safety: the role of 3 wheeled vehicles"
- **Prof. Petter Krus**, University of Linköping
"Sustainable light vehicles for sports and utility"

6. Round Table

Friday 4 April	Italian Institute of Culture in Sweden
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09:00-12:00

COMPANY PRESENTATIONS

- **Dr. Federica Ruzzi**: Fiat Auto – Product Manager
Environment
"Multi-fuel vehicles in production and prototypes under development"
- **Ing. Luca Carmignani**: Piaggio - Powertrain Innovation
Manager
"The new hybrid scooter generation"
- **Ing. Marco Pavoncelli**: Cantieri Rodriquez
"Rapid ferry-boat with low environmental impact"
- **FAAM Group**:
"Electric, methane and hydrogen powered light vehicles"
- **Giordano Gozzi**: Idro meccanica srl
"Vehicle biogas refuelling stations"

12:10

EXHIBITION OF SUSTAINABLE VEHICLES

13:00

Buffet-Lunch at the Residence of HE Ambassador Della Croce