

## BMEPB Training Program

# Vehicle Emission Control

November 22-December 2, 2015, Italy



### Course Agenda

#### Theme: Vehicle Emissions, Pollution and Monitoring

Lecture: EU Policy and Recent Law and Standards for Vehicle Emission Control – Part I (M. Strincone, Italian Ministry for the Environment Land and Sea)

Lecture: EU Policy and Recent Law and Standards for Vehicle Emission Control – Part II (R. Spinetti, Italian Ministry for the Environment Land and Sea)

Lecture: Italian Policies for Vehicle Emission Control and for Sustainable Mobility (M. Strincone and R. Spinetti, Italian Ministry for the Environment Land and Sea)

#### Theme: EU Recent Law and Standards for Vehicle Emission Control

Lecture: Vehicle Emissions & Urban Air Pollution – Part I (F. Petracchini, CNR – National Research Council )

Lecture: Vehicle Emissions & Urban Air Pollution – Part II (F. Petracchini, CNR – National Research Council)

#### Theme: Urban Sustainable Mobility

Lecture: Mobility Management - Sustainable Mobility for a Sustainable Urban Development – Part I (M. Infanti, iMpronta)

Lecture: Mobility Management - Sustainable Mobility for a Sustainable Urban Development – Part II (M. Infanti, iMpronta)

Lecture: Emission Inventories at the Regional and National Scale: Lombardia Region and Italian Emission Inventory (S. Caserini, Polytechnic University of Milan)

#### Theme: Vehicle Emission Control in Practice

Lecture: Air Pollution Control and Communication to the Public: the Veneto Region Case Study (L. Zagolin, ARPAV)

Lecture: Methodology and Emission Factors to Calculate Emissions from Road Transport (L. Susanetti, ARPAV)

Site visit: ARPAV, Monitoring Systems (E. Tarabotti, ARPAV)

**Theme: Air Emission Monitoring & Practice**

Lecture: Air Emission Monitoring and Policies, the ISPRA Role (R. De Lauretis, ISPRA)

Lecture: Vehicle Emission Monitoring and Air Quality (R. De Lauretis, ISPRA)

Lecture: Emission Control: the Case Study of Cruises in Venice (A. Gambaro, Ca' Foscari University of Venice)



**Theme: Venice and Environmental Protection**

Site Visit: the Venice Lagoon: Focus on Environmental Issues (F. Zennaro, TEN Center)

**Theme: Traffic Emission Control and Mobility**

Lecture: Air Pollution and Sustainable Mobility: the Milan Case Study (M. Bedogni, Mobility and Environment Agency of Milan)

Lecture: Black Carbon Monitoring in Urban Air: Milan Case Study (S. Moroni, AMAT)

Site visit: the AMAT Control Room

**Theme: Vehicle Emissions Control**

Lecture: Vehicle Emissions Control - Fuels and Engines (S. Casadei, Innovhub - SSI)

Lecture: Vehicle Emissions Control: Focus on Diesel (S. Casadei, Innovhub - SSI)

Site visit: the Automotive Emission Laboratory (LEA)