



Research Activities and Technology Transfer Experiences at the Pole for Sustainable Mobility - POMOS - of 'Sapienza' University of Rome, Italy.

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Lecture – 45 min

Place and Date:

Sala de conferencias del Departamento de Ingeniería Eléctrica y de Computadoras, Universidad Nacional del Sur –CONICET, Av. Alem 1253 - Bahía Blanca, ARGENTINA
November 9, 2010, 15.00 hr

Objective:

The main objective of the lecture will be to present the Research Activities and the Experiences in Technology Transfer achieved at the Pole for Sustainable Mobility (POMOS).

POMOS is a regional pole acting as a connection point for the interaction of different subjects in the region of Lazio in Italy (Academia, industries, regions, Municipalities, Public administration), which constitute a network of subject interested in the sector of sustainable mobility.

The main aim of POMOS is to transfer knowledge from the academia to the industries, stimulating the small and medium enterprises involved in the innovative sector of Ultra Low Emission Vehicles (ULEV) and Zero Emission Vehicles (ZEV) to cooperate among them.

In this way POMOS intends to give an answer to the demand of technological research and innovation and the shifting of this knowledge to the local industries and institutions, the development of prototypes and the commercialization of the final product.

At present POMOS has a network of more than 160 contacts among institutions, associations, enterprises, foundations etc. and has already stipulated an agreement with about 70 of them. Among them there are 50 small or medium enterprises operating in key sectors as electronic, electromechanic and information and communication technologies, which have seen in POMOS the opportunity to being supported in their industrial activities.

The Research and Development activities, mainly focused on hybrid and electric propulsion, advanced storage systems, intelligent management platforms, groundbreaking materials and info-mobility, already yielded the realization of various ULEV and ZEV prototypes, in collaboration with some partner companies.

In the sphere of the activities in favor of the SMEs for the regional, national and European public funding requests, POMOS is coordinating a series of R&D Projects of Industrial Innovation on the topics of energy efficiency and sustainable mobility, with a partnership constituted by Universities, Research centers, companies and national associations.

Contents:

Introduction

Premises to the "Pole for Sustainable Mobility", some numbers about POMOS

General objectives and goals at POMOS

Technological Transfer and Main Research Lines and Activities

Developed prototypes and main projects and results

Funding request activities and cooperation projects

Common Research Lines and Activities with UNS

Conclusions and discussion