IT technologies for roads management

Public

Decision makers having to deal in their country with the management of the roads and to utilize or create the specifications for the data-processing tools.

Objectives:

This 10 days cycle approaches the whole of the problems related to the installation of an information system for the management of the roads. It refers in particular to:
- release the principal concepts of the computerization of the road activities,
- to deal with the technical aspects and the contribution of new technologies,
- to propose a pragmatic path to help the manager to formalize his needs and to conceive a viable information system.

At the end of the seminar, the partcipants are going to be able to:
- know the characteristics and conditions of use of the various tools will know,
- to specify their needs according to their specific context.

Paris	**From November 25th to December 6th 2013**	Inscriptions: Tel.: +331 4251 6111 Fax: +331 4251 6131	**Session n°34015**	5 460 € + VAT Lunches included

Coordination : Mr. Joël PALFART / *CETE Méditerranée*
Mr. Pierre CORROENNE / *CETE Normandie Centre*
Organisation : Mrs. Virginie PAC / *Metratech*

Monday November 25th	**Friday November 29th**	**Thursday December 5th**
Identification and representation of a road network	Management of road maintenance	Construction of road data bases
Method of identification of the road networks in France Construction and update of a reference frame of localization Modes of localizations of the data roads.	Illustration with GIRR, software of the French technical network Analyze strategies of maintenance, illustration with HDM	Types and composition of the road objects Choice of the modes of localization Impact of the evolution of the reference frame Example of design of a data base
	Mr. LEPERT	Mr. PALFART CETE the Mediterranean
Mr. CORROENE	**Monday December 2nd**	
Tuesday November 26th	Exploitation of the road data	Structure of a SIR Mr. PALFART
Collection of the road data	Management of the road data base (creation of the catalogue of data...) Production of charts, diagrams and road diagrams Work practise with the softwares ROUTEN, CARTEN and WAKE	**Friday December 6th**
Principles of the collection of information on the roads Methods and apparatuses used		Organization of the data exchanges
		Administration of the data in time Aggregation of data Re-use of old data Rules of data exchange
Mr. LEPERT	Mr. CORROENE	
Wednesday November 27th	**Tuesday October 3rd**	Mr. PALFART
Road data collection and processing	Presentation of HDM IV	
Constitution and management of a data base on the automatic collection		
M. LEPERT	Mr. BROSSEAUD	
	Wednesday October 4th	
Thursday November 28th	Computerized management of the structures (bridges)	
Management of road maintenance	Evaluation of the structures Choice of a policy of maintenance and programming of work Illustration with software IQOA	
Methods for the evaluation and assistance to the programming of the maintenance work		
Mr. LEPERT	Mr. SUDRET	