

# The HDM-4 Model

## The Highway Development and Management System

### *International course*

#### Public

Road engineers who have an experience of road maintenance and basic economic,  
Economists or planners who have a good knowledge on road maintenance problems,  
The participants must know how to use Windows equipped computers.

#### Objectives

This course is aiming at qualifying the specialists teams who are in charge of implementing the model.  
At the end of the course, the trainees will know the theoretical basis of the HDM-4 model and will be able to use it:

- to define an optimal strategy for road maintenance,
- to establish roadwork programming,
- to compare various solutions for road project.

<b>Paris</b>	<b>2007 May 28<sup>th</sup> – June 8<sup>th</sup></b>	Registrations : Tél : 33(0)1 44 58 27 28 Fax : 33(0)1 44 58 28 30	<b>in french 47031</b>	4 900 €+ VAT included lunches
	<b>2007 November 12<sup>th</sup> - 23<sup>th</sup></b>		<b>english 47030</b>	

Co-ordination: Mr Pierre JOUBERT / LCPC-DAI  
Project Manager: Mr Emmanuel CARRIER / Ponts Formation Edition

#### Week 1

HDM and road management  
Model presentation  
Exercise 1, strategy analysis  
    Maintenance strategies  
    Vehicle operating costs  
    Economic analysis  
    Paved road deterioration  
Exercise 2, Calibration  
Evaluation of acquired knowledge,  
discussion

Mr JOUBERT  
Delegation to International  
Affairs, LCPC

#### Week 2

Exercise 3, Project analysis  
    Unpaved road deterioration  
    Works effects  
Exercise 4, Project analysis, new section  
    Traffic and Traffic congestion  
Exercise 5, Programme analysis  
    Optimisation  
Exercise 6, HDM data management  
Customising HDM-4.  
HDM-4 development – Role of PIARC

Mr JOUBERT

Training evaluation

*The fees do not include travelling, diners  
and accommodation  
They only include the pedagogical  
documents, coffee-breaks and lunches*