

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.

Paris	2009 June 8th – 19th	Registrations : Tél : 33(0)1 44 58 27 28 Fax : 33(0)1 44 58 28 30	in french 49027	5 200 € + VAT included lunches
	2009 November 16th - 27th		english 49030	

Co-ordination: Mr Pierre JOUBERT / LCPC-DAI

Organisation: Mrs Séverine BEAUNIER / 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

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Training evaluation

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