



UK M6 Test Site

EURAMP

EUROPEAN RAMP METERING PROJECT

Ramp metering is considered to be one of the most direct and effective control measures towards an optimal, orderly and safe utilization of our motorways.

EURAMP focuses on ramp metering control measures on European motorways aiming at improving safety and increasing efficiency of the traffic flow.

Project Acronym: **EURAMP**
Project Reference: **IST-2002-507645**
Contract Type: **Specific Targeted Research Project (STREP)**
Start date: **01/03/2004**
Duration: **36 months**
End date: **28/02/2007**
Project Cost: **3.10 Mio €**
Project Funding: **2.20 Mio €**

More Information:

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Objectives

EURAMP's main objective is to advance, promote and harmonise ramp metering control measures on European motorways, aiming at improving safety and increasing efficiency of the traffic flow. This objective is pursued within **EURAMP** via a number of multifaceted actions and sub-objectives:

- Advancement of methodological issues, with particular focus on traffic flow safety.
- Consolidation, harmonisation and advancement of ramp metering practice in Europe.
- Demonstration of new developments on European sites and paving the way for a new generation of extended (network-wide) ramp metering installations.
- Co-operation of ramp metering with signal control and further heterogeneous control measures for maximum synergy in terms of traffic flow efficiency and safety.

Project Test Sites

There are five test sites in **EURAMP**:

- A6 motorway, south of Paris (Ile-de-France);
- A28 Uithof, A2 Breukelen West and A2 Maarssen West, in Utrecht (Netherlands);
- A94 in Munich (Germany);
- M6 motorway, Birmingham (UK);
- Ayalon Highway, Tel Aviv (Israel)

Additionally, simulation testing will be performed at two virtual sites, in Paris/Ile de France and Munich.

Workpackage List

EURAMP consists of seven workpackages:

- WP1: Project Management
- WP2: User Requirements
- WP3: Strategy Development
- WP4: System Implementation
- WP5: Demonstration
- WP6: Evaluation
- WP7: Dissemination and Exploitation

A helpdesk providing advice and support to ramp metering sites will be operated continuously during the project's lifetime.

A variety of dissemination and exploitation activities, including a 'Handbook of Ramp Metering', will ensure the lasting character of **EURAMP** efforts in establishing safe and efficient traffic conditions on European motorways.



Uithof A28 Test Site

Participants:

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TECHNICAL UNIVERSITY OF CRETE	GREECE
NAPIER UNIVERSITY	UNITED KINGDOM
INSTITUT NATIONAL DE RECHERCHE SUR LES TRANSPORTS ET LEUR SECURITE	FRANCE
PHOENIX ISI INGENIERIE DES SYSTEMES D'INFORMATIONS	FRANCE
DIRECTION REGIONALE DE L'EQUIPEMENT D'ILE - DE - FRANCE	FRANCE
BAYERISCHE MOTORENWERKE AKTIENGESELLSCHAFT	GERMANY
TRANSVER GMBH	GERMANY
AUTOBAHNDIREKTION SUEDBAYERN	GERMANY
MINISTERIE VAN VERKEER EN WATERSTAAT (RWS-AVV)	NETHERLANDS
MINISTERIE VAN VERKEER EN WATERSTAAT (RWS-DUT)	NETHERLANDS
MINISTERIE VAN VERKEER EN WATERSTAAT (RWS-DON)	NETHERLANDS
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SOUTHAMPTON CITY COUNCIL	UNITED KINGDOM
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