

# THE PLAYERS AND RESOURCES OF URBAN INFRASTRUCTURES :

## Association of Territorial Engineers of France (A.I.T.F.) and its viewpoint on technical governance

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Seminarium  
Komitetu C 4.3  
AIPCR/PIARC

### Nawierzchnie miejskie

Kraków  
21-22 IX 2005

PIARC  
Committee C 4.3  
Seminar  
**Urban  
pavements**  
Cracow  
Poland

AIPCR  
Comité C 4.3  
Séminaire  
**Chaussées  
urbaines**  
Cracovie  
Pologne

Семинар  
Комитета С 4.3  
АІРСR/PIARC  
**Городские  
дорожные  
покрытия**  
Краков  
Польша



## A.I.T.F. Working groups

- architecture and buildings
- [travel - signing](#)
- water and drainage
- [management](#)
- topography
- [roadways - public spaces - engineering structures](#)
- energy
- [telecommunications](#)
- [risk management](#)
- environment
- [urban acoustic environment](#)
- town planning
- [urban cleanliness - waste management](#)
- green areas
- [public lighting](#)
- [information systems](#)

## ▶ **Decentralisation**

- 22 regions
- 96 departments
- 36,000 communes

## ▶ **Intercommunal cooperation**

the three forms of public establishments for intercommunal cooperation (E.P.C.I.) :

- the urban community (more than 500,000 inhabitants)
- the agglomeration community (more than 50,000 inhabitants)
- the commune community

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## **The road infrastructures**

▶ **18,800 km of national roads and motorways**



▶ **380,000 km of departmental roads**



▶ **600,000 km of communal and**

# Foremost customers of France's road industry



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## Local and regional authorities

# Foremost customers of France's road industry

### Répartition des marchés par type de clientèle





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## A system of urban infrastructures based on partnerships

L.C.P.C.  
L.R.O.P.  
C.E.R.T.U  
C.E.T.E

UNIVERSITES  
ECOLIS

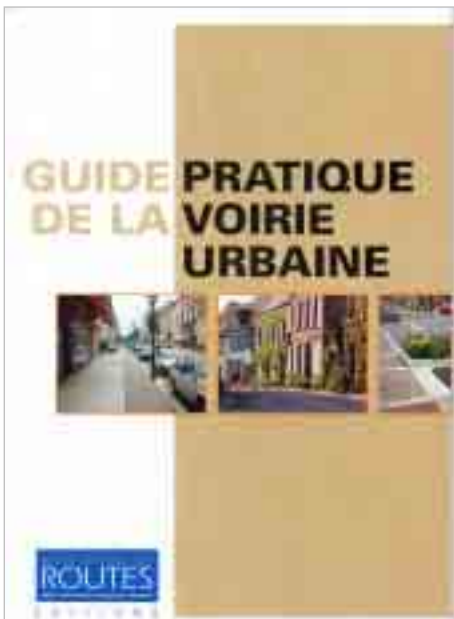
A.M.F.  
A.M.G.V.F.  
A.D.F.

ORGANISMES PROFESSIONNELS  
F.N.T.P. - U.S.I.R.F. - CIM BETON.  
F.I.B.

A.D.S.T. - A.I.T.F.  
CLUB ECHANGE  
VILLE DE PARIS



## Some public space production support tools co-produced by the A.I.T.F.



*Natural stones in urban roadways: quarrying, production and use*





Journées d'information et d'échanges

Journée d'information et d'échanges

**LES TECHNIQUES ALLÉGÉES DE GENIE CIVIL EN INFRASTRUCTURES URBAINES : RESEAU - VOIES - TRANSPORTS COLLECTIFS**



Le 17 mai 2005

Invitation

Invitation

**Les revêtements bitumineux à "Basse calorie"**



Le 22 novembre 2005

« Low-calorie »  
 bituminous surfacings

Journée d'information

**Recyclage et valorisation des matériaux en milieu urbain**



Le 13 novembre 2005

Recycling and valorization  
 of materials in urban  
 environment

Reduced civil engineering  
 techniques in urban  
 infrastructures



## OUVERTURE INTERNATIONALE

International Conference / Conférence internationale  
**Urban Engineering - Ingénierie Urbaine**  
 Lille 2005



Innovative Technologies for infrastructures and housing  
**Technologies innovantes pour les infrastructures et l'habitat**

12-13 October 2005 / 12-13 octobre 2005  
 Lille - Espace Nouveau Béart, France

Organized by / Organisée par :  
 Université d'Artois  
 Université des Sciences et Technologies de Lille  
 Université de Valenciennes

Under the sponsorship of / Avec le patronage de :  
 Comité Régional Nord-Pas de Calais  
 Association des Ingénieurs Techniciens de France (AITF)  
 Association Scientifique et Technique pour l'Étude et l'Environnement (ASTEE)



*Internet site of the national research project INDUIT*



## **The Urban Civil Engineering Network (R.G.C.U.) - Research plan**

The 5 priority elements for organisation and communication :

- 📁 - manage spaces, resources and heritage
- 📄 - review design processes
- 📄 - review construction, maintenance and rehabilitation processes
- 📄 - insert civil engineering in the knowledge economy
- 🗣️ - urge, express and satisfy the needs and expectations of players



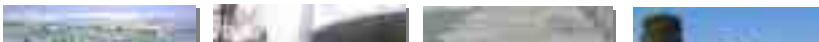
## THE STREET OF THE FUTURE

*Social evolutions – Technological innovations*



LONG-TERM VISION

SHORT-TERM ACTION









*Pacification of adjacent streets*

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## **For a new impulse to scientific and technical networks**

- ▶ **Provide a body of guidelines accessible to general engineering practitioners of towns**
- ▶ **Establish an approach to urban infrastructures complexity**
- ▶ **Favour allowance for social factors**
- ▶ **Develop processes and techniques matching the urban context**



## Towards a French-Belgian metropolis, a new jobsite

