

**DIRECT
MAT**



**DIRECT-MAT Final Workshop
Brussels, 18 October 2011**

Dismantling and RECYcling Techniques for road MATerials - sharing knowledge and practices

Project introduction

Yannick Descantes

IFSTTAR (project coordinator)



The project has received funding from the European Community's Seventh Framework Programme (FP7/2007-2013) under grant agreement n°218656



- Coordination and Support Action
- EC call: **FP7- SST- 2007- RTD-1 (first call)**

Sustainable Surface Transport

SST.2007.1.2.2

End of life strategies for vehicles/vessels and infrastructures

SST.2007.1.2.1

The greening of transport-specific industrial processes

Why this project?



- European commitment into Environment-friendly and sustainable development
- Nowadays practices: recycle road and road-related wastes (tyres, ...) as new road materials
- Different practice between European countries
- National experience almost never benefits to other European countries and especially not to new member states

What for?



- **Objectives:** share national knowledge and practice regarding dismantling and recycling of road and road-related materials back into roads
- **Benefits:** standardization, European integration of road materials research, practitioners, stakeholders

How?



- **Form:** Web database
- **Duration:** 3 years (2009-2011)
- **Partnership:** 15 European countries
Many countries → a wide access to national data
20 partners, many FEHRL laboratories
2 SMEs
- **EC Budget:** 1,2 million Euros

With whom?



FEHRL

CEDEX

ZAG



yannick.descantes@ifsttar.fr (FR)
chantal.de-la-roche@ifsttar.fr (FR)
cyrille.chazallon@insa-strasbourg.fr (FR)
l.debock@brrc.be (BE)
ft@vd.dk (DK)

gaspar.laszlo@kti.hu (HU)
ciaran.mcnally@ucd.ie (IE)
stevep@fehrl.org
p.broere@brbs.nl (NL)
Steigenberger@voezfi.at (AT)
josef.stryk@cdv.cz (CZ)
francisco.sinis@cedex.es (ES)
karmen.fifer@zag.si (SI)
smiljanic1952@gmail.com (SR)
kmirski@ibdim.edu.pl (PL)
**+ many other contributors
from these organizations**



BRBS

VÖZfi



INSA
STRASBOURG

recipav



Which strategy?



WP 1 Management and coordination,
leader **IFSTTAR** (France)

WP 2 Unbound materials,
leader **DRI** (Denmark)

Product

A European Web database with best
practice guides, literature syntheses
and case studies

WP 4 Asphalt materials,
leader **TUBS** (Germany)

WP 3 Hydraulically bound
materials,
leader **KTI** (Hungary)

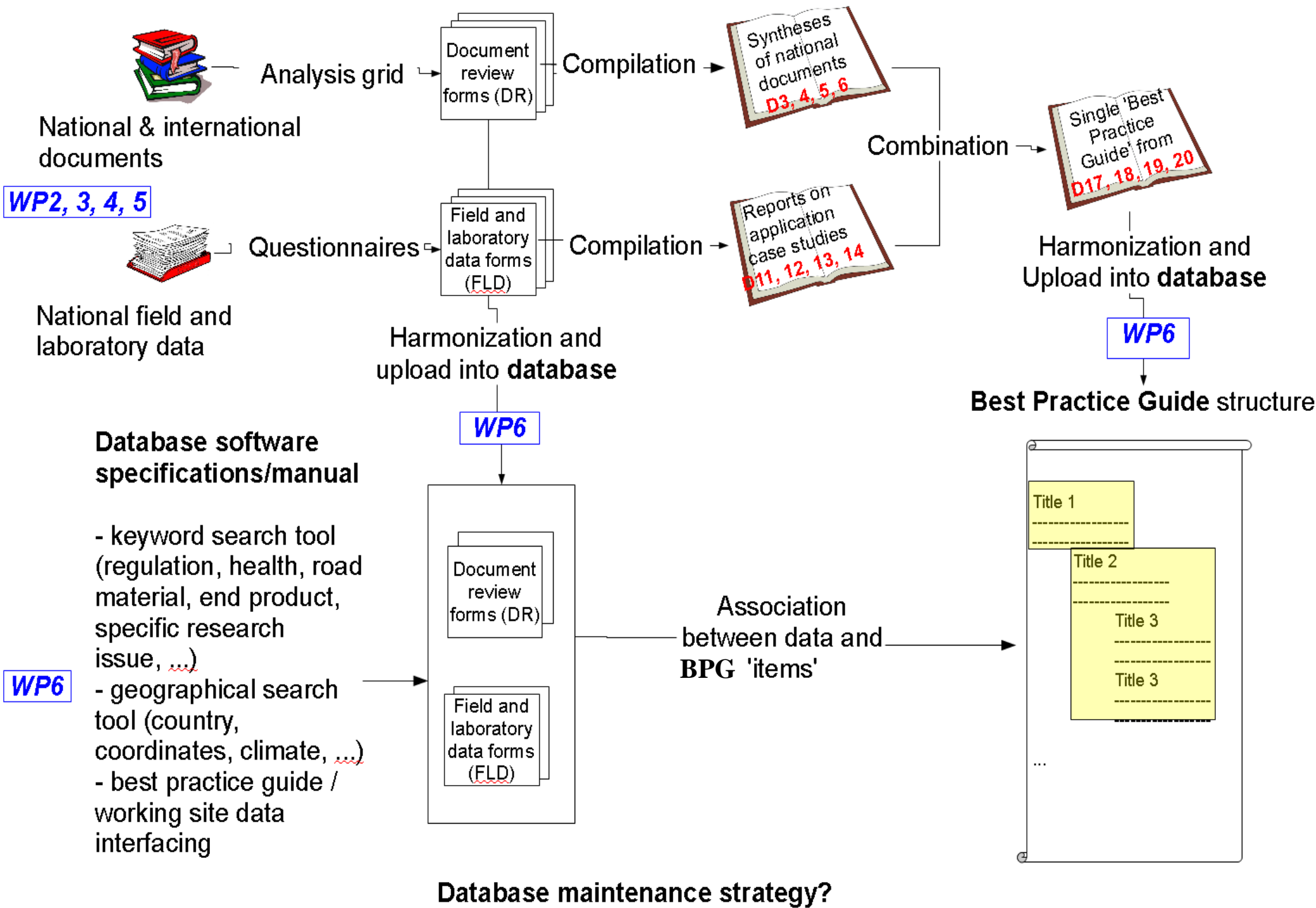


WP 5 Other materials not
commonly reused in roads,
leader **BRRC** (Belgium)

<http://direct-mat.fehrl.org>

WP 6 Web database design
and documents upload,
leader **IFSTTAR** (France)

WP 7 Dissemination,
networking and coordination
of knowledge sharing,
leader **SGI** (Sweden)



Why this workshop?

- To demonstrate the database (1 presentation)
- To highlight the content of the best practice guides (4 presentations)
- To identify knowledge gaps and prioritise common research objectives (1 presentation)
- To have a technical discussion with you about
 - The content of best practice guides
 - The European integration of road infrastructure research
- To have a strategic discussion with you about the database maintenance

What do we expect from you today?



- This morning: to listen to the presentation of our achievements
- This afternoon: to give us your opinion about
 - The technical content of our best practice guides
 - Possible improvements of the database user interface
 - The relevance and comprehensiveness of identified knowledge gaps and research issues
 - Priorities to elaborate a European integrated road infrastructure research framework
 - The maintenance of the database (how?)

How can you help in the next 3 months?



- Share your expertise with us to improve our best practice guides:
 - fill the [questionnaire](#)
 - give your opinion on our best practice guides (mail to maria.arm@swedgeo.se)
 - Provide us with additional case studies / additional data on existing case studies
 - Help us maintain this European database
 - Make this database yours and spread the information about its existence
-

THANK YOU FOR YOUR ATTENTION!!!



Website: <http://direct-mat.fehrl.org/>

Contact: direct-mat@ifsttar.fr

Database: <http://www.direct-mat.eu>

Home

DIRECT-MAT

Dismantling and RECYcling Techniques for road MATerials – sharing knowledge and practices

DIRECT-MAT is a Coordination and Support Action under the EC 7th Framework programme "Sustainable Surface Transport". The project runs through 2009–2011 and aims to facilitate the sharing of national experiences on dismantling and recycling of road materials into new roads at the European level. This will be achieved through the building of a European Web database and the drafting of Best Practice guides.

The project addresses the dismantling and recycling or safe disposal of unbound, hydraulically bound and asphalt road materials. It also addresses other materials related to road use but not commonly recycled in road construction. These include tyre shreds, sediment from ditches, industrial by-products and reinforcement materials.

The intention is that the project results shall support the daily work of practitioners, researchers and standardisation bodies. In this way DIRECT-MAT will actively contribute to reducing the waste disposal associated with roads.

If you would like to provide the DIRECT-MAT partners with your point of view, please take a few minutes to answer this questionnaire (English, French, Czech, Portuguese, Danish, German, Swedish)."

Project coordinator
Yannick Descantes, (LCPC)
Route de Bouaye BP 4129
44341 Bouguenais Cedex
France
Fax: +33 2 40 84 59 93
E-mail: [direct-mat\(at\)lpc.fr](mailto:direct-mat(at)lpc.fr)



DIRECT-MAT NEWS



Hyperlinks to access the online questionnaire in various languages

