



**EUROPEAN COMMISSION  
DG RESEARCH**



**SIXTH FRAMEWORK PROGRAMME  
Sustainable Surface Transport**

**Sustainable Pavements for European New Member States**



**FINAL PLAN FOR USING AND DISSEMINATING  
THE KNOWLEDGE**

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## TABLE OF CONTENTS

<b>1</b>	<b>Exploitable knowledge and its Use</b>	<b>3</b>
1.1	Overview table	3
<b>2</b>	<b>Dissemination of knowledge</b>	<b>4</b>
2.1	Objectives	4
2.2	Approach	4
2.3	Web presence	5
2.4	Overview table - Presentations/papers at conferences and events	5

### TABLES

Table 1	Overview table of SPENS deliverables.....	3
Table 2	Year 1 Presentations/papers at conferences and events.....	5
Table 3	Year 2 Presentations/papers at conferences and event.....	6
Table 4	Year 3 Presentations/papers at conferences and event - planned.....	7

### PICTURES

Picture 1	SPENS web site .....	5
Picture 2	European Cities of Science November 14-16, 2008 .....	9

# 1 Exploitable knowledge and its Use

## 1.1 Overview table

Table 1 presents an overview of deliverables per their type, their planned availability and responsibilities for their issuing. It is foreseen to produce only reports (no patents, demonstrator, others), IPR protection is not relevant. The target audience are road authorities, road infrastructure management, consultants and researches.

**Table 1 Overview table of SPENS deliverables**

Del. No.	Deliverable name	WP	Lead participant	Dissemination level	Due month	Delivered
D1	SPENS project website	6	FEHRL	PU	4	3
D2	Initial Project Roadmap	6	FEHRL	PP	4	4
D3	Inception report	1	ZAG	PP	6	8
D4	Brochure presenting the project	6	FEHRL	PP	6	9
D5	Year one progress report	1	ZAG	PP	13	13
D6	Mid-Term Assessment report	1	ZAG	PP	Left	out
D7	Year two progress report	1	ZAG	PP	25	25
D8	Laboratory and field implementation of high modulus asphalt concrete. Subtitle: Requirements for HMAC mix design and pavement design	4	IBDiM	PU	30	
D9	Long-term performance of reinforced pavements	3	VTI	PU	30	
D10	Practical mix design model for asphalt mixtures	3	FEHRL	PU	30	
D11	Guidelines of a complex methodology for non-destructive pavement measuring techniques	2	arsenal	PU	30	
D12	Recommendations for traffic equivalency factors	2	ZAG	PU	31	
D13	Guidelines on a systematic decision-making methodology for the pavement rehabilitation of low volume roads	2	DDC	PU	31	
D14	Final Plan for using and disseminating knowledge	1	ZAG	PU	32	32
D15	Recommendations for modified binder usage in pavements	4	VTI	PU	32	
D16	Guidelines for selection the most convenient upgrading systems based on results of heavy vehicle simulator	4	VTI	PU	32	
D17	Guidelines for the environmental assessment of various pavement types including recommendations to road authorities in New Member States	5	arsenal	PU	33	
D18	A methodology for testing and implementing selected recycled materials and industrial by-products in road construction	1	ZAG	PU	33	
D19	SPENS Final report	1	ZAG	PU	38	
D20	SPENS Final report - executive summary	1	ZAG	PU	36	
D21	SPENS Final reporting questionnaires	1	ZAG	PP	38	
D22	SPENS Final Activity report	1	ZAG	PP	38	
D23	SPENS Final Management report	1	ZAG	PP	38	

**Legend:**

**PU** = Public, **PP** = Restricted to other programme participants (including the Commission Services),

The SPENS project will produce twenty-one printed and/or electronic deliverables presenting results of the project. In general the deliverables will be divided into two parts: a practical main report stressing the main outcomes, and an annex with a more detailed description of the research work.

## 2 Dissemination of knowledge

### 2.1 Objectives

One of the objectives of the project is to produce practical reports which will stress the main points, as well as a detailed description of the research results. Guidelines or recommendations in the field of road assessment, construction using recycled materials, upgrading of pavements will be the final deliverables of the project.

SPENS is focusing on the needs of New Member States and Candidate Countries. This is being achieved also by clustering with other projects dedicated to the New Member States (the Coordination Action CERTAIN and STREP project ARCHES).

### 2.2 Approach

CERTAIN coordination action will be working on specific dissemination and implementation issues that will complement the regular exploitation activities of the SPENS such as knowledge sharing and dissemination of results at a pan-European level. It will also seek to integrate results and shape current and emerging practices of relevant national and international project (running and recently completed) using the extensive network of the FEHRL institutes and relevant partner organisations. The CERTAIN Coordination Action will develop an Internet-based platform and the tools for communication and dissemination (file managers, forums, searching tools, database of project members and end-users...). Of special importance for the end-users in NMS and CEEC will be its multi-lingual feature, which will allow users from these countries to benefit from the information published on its public part (results of the pro-jects, contact information of end-users, etc.).

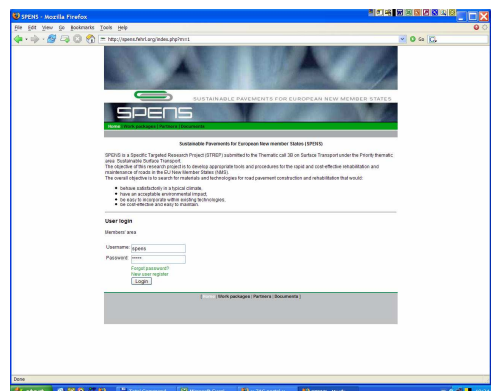
The executive summaries of the final report, as well as two other documents, will also be available in five languages (translation will be provided by the CERTAIN, which will allow much greater number of users to benefit from. This multi-lingual version will be disseminated to the widest audience, including the entire SERRP end-users group. CERTAIN will also offer technical backup for five national (regional - in mother languages of the organisers) and four international workshops, SPENS will provide the content for them, as appropriate.

The exploitation, dissemination and implementation activities of the SPENS project are the task of the WP6 led by FEHRL. Organisations like FEHRL have a lot of experience in co-ordination programmes and promoting the rapid exploitation of results, and also have a lot of experience in organizing conferences. The dissemination plan, which will be drafted in during Year two will refine the present dissemination plan. Various techniques will be used to disseminate the results:

1. Web presence
2. Presentations/papers at conferences and meetings
3. Publication of articles, reviews and press releases in relevant magazines, newsletters and web information services
4. Production, distribution/display at events of project brochure, poster and other relevant literature.

## 2.3 Web presence

Updates and information on the project activities is and will be available on the SPENS web site (<http://spens.fehrl.org>). The logo, brochure and other relevant information about the project are available in the public web area. The site also provides a password-protected area reserved to project partners allowing them to share files and information.



Picture 1 SPENS web site

## 2.4 Overview table - Presentations/papers at conferences and events

At the following events:

Press release (press/radio/TV), Media briefing. Conference, Exhibition, Publications, Project web-site, Posters, Flyers, Direct e-mailing, Film/video, SPENS research work performed within the SPENS project was presented:

Table 2 Year 1 Presentations/papers at conferences and events

Planned date	Type of event, Place (contributors)	Type of audience	Countries addressed	Size of audience	Partner responsible /involved
08 June 2006	Conference XIII. Danube-European Conference on Geotechnical Engineering, Ljubljana	Stakeholders, Researchers	EU	350	ZAG
October 2006 ongoing	SPENS web-site	General public	all	N/A (Web page visitors)	ZAG, FEHRL
25 October 2006	Conference Paper presented at the 8th Slovene congress on roads and traffic, Portorož, Slovenia	Stakeholders, Researchers	Slovenia	750	ZAG
October 2006 ongoing	Link at ZAG web site (home page) to SPENS web-site -	General public	EU	N/A (Web page visitors)	ZAG
May 2007	Brochure (20 copies distributed to the partners)	General public	EU	N/A	FEHRL, ZAG
May 2007 ongoing	poster on display at FEHRL office and ZAG entrance hall	General public	All	N/A	FEHRL, ZAG

**Table 3 Year 2 Presentations/papers at conferences and event**

Date	Type of event, Place (contributors)	Type of audience	Countries addressed	Size of audience (issues)	Partner responsible /involved
October 2007	Press release 'Gradbenik' October issue – short presentation (by Mojca Ravnikar Turk and Aleš Žnidarič),	General public; Civil Engineers	Slovenia	N/A	ZAG
issue 258, December 2007	Press release 'The Parliament Magazine', (by Mojca Ravnikar Turk and Aleš Žnidarič),	General public	EU	N/A	ZAG
10 October 2007	Presentation on the ERA-NET Project Workshop, Ljubljana (by Turk)	Researchers, Road authorities	EU	15	ZAG
15-16 November 2007	Presentation NR2C and CERTAIN workshop, Brussels (Turk)	Researchers, Road authorities	EU	90	arsenal, KTI, ZAG
22-23 November 2007	Presentation INQUEST workshop, Brno SPENS - noise issues (Haider)	Researchers, Road authorities	Czech Republic, Slovakia, EU	25	CDV, arsenal research
29-30 November 2007	Presentation Colloquium on asphalts and bitumens, Kranjska gora (Tušar, Turk)	Researchers, Road authorities	Slovenia	200	DDC, ZAG
13-17 January 2008	Presentation TRB committee meeting (Žnidarič)	Researchers, Road authorities	USA	10000	ZAG
21-24 April 2008	Several Presentations TRA 2008, Ljubljana (Tušar, Mladenovič, Pap, Celko, Turk, Haider)	Researchers, Road authorities	all	800	All SPENS partners
25 April 2008	Technical visit TRA 2008, Ljubljana – visit to test field in Dragučova (ALT) (Tušar, Wiman, Turk)	Researchers, Road authorities	all	20	ZAG, VTI
May 2008 - ongoing	Video - presentations TRA 2008, Ljubljana, Slovenia (Tušar, Mladenovič, Pap, Celko, Turk, Haider)	Researchers, Road authorities	all	20	ZAG, VTI
July 2008	HVSIA (HVS International Alliance), UC at Davis	Researchers, Road authorities	USA		VTI, Leif G. Wiman
2008-2009	<a href="http://svf.uniza.sk/kcs/vedaavyskum.html">http://svf.uniza.sk/kcs/vedaavyskum.html</a>	Experts, students	Slovakia, Czech Republic	N/A (Web page visitors)	TUZA

D.14 Final Plan for using and disseminating knowledge

Table below lists the planned future dissemination activities in Year 3 of the SPENS project.

**Table 4 Year 3 Presentations/papers at conferences and event - planned**

Planned/ actual dates	Type of event, Place (contributors)	Type of audience	Countries addressed	Size of audience (issues)	Partner responsible /involved
9 September 2008	CDV workshop Technologies and management systems in transport infrastructure Tisnov SPENS presentation (Matula)	Researchers, others	Czech Republic	20	CDV Stryk
10 September 2008	CERAIN national workshop during Hungarian National Road Conference, Budapest SPENS presentation (Gáspár),	Stakeholders	Hungary		CERTAIN, KTI Gáspár
20-22 October 2008	SPENS poster SURF 2008, Portorož	Researchers, Road authorities	EU	200	FEHRL, Žnidarič
25 November 2008	CERTAIN national workshop, at CDV, Brno SPENS presentations (Stryk, Chobola, Licbinsky),	Researchers, Road authorities	Czech Republic, Slovakia	27	CDV Stryk
22-24 October 2008	Publication 9th Slovene Congress on Roads and Traffic, Portorož, Slovenia (Tušar, Žnidarič, Turk, Pavšič, Mladenovič, Kokot...)	Road authorities, Researchers	Slovenia	750	ZAG Turk
14 – 16 November, 2008	Exhibition European Cities of Science, Paris, France - exhibition SPENS poster (Turk, Soban)	Researchers, others	France, EU	42600	FEHRL Adesiyun
28 November, 2008	Presentations SIMBA Wokshop, Moscow (László Gáspár, Ales Znidaric)	Researchers	Russia	20	KTI, Gáspár
11 – 15 January 2009	Exhibition TRB2009 Washington SPENS poster (Nina Gartner, Isabelle Lucchini)	policy makers, administrators, practitioners, researchers, representatives of government, industry	USA + the rest of the world	10 000	FEHRL
26 January 2009	Exhibition ERTRAC Conference SPENS poster (FEHRL staff)	stakeholders	EU	200	FEHRL
17 March 2009	Presentation at R@D project meeting	Ministry of transport, Road authorities	Czech Republic	15	CDV Stryk
6-7 May 2009	Several presentations Slovenian national workshop Bled, Slovenia (SPENS, ARCHES, CERTAIN)	Road authorities, researchers, contractors	Sloevnia, Croatia, Serbia		ZAG Žnidarič, Turk
7 May 2009	International workshop Environmental impact assessment of roads in EU New Member States Bled – SPENS WP5	Road authorities, researchers, contractors	Sloevnia, Croatia, Serbia		arsenal, Manfred Haider

## D.14 Final Plan for using and disseminating knowledge

Planned/ actual dates	Type of event, Place (contributors)	Type of audience	Countries addressed	Size of audience (issues)	Partner responsible /involved
7 – 8 May 2009	Exhibition, Research Connection 2009, Prague, Czech Republic	Scientists, industrialists, researchers	EU		FEHRL (Nicolette Groot, Valerie Henry)
27-30 May 2009	Publication RILEM conference; Rhodes, Greece	Researchers, producers, others	all		ZAG (Tušar)
May 2009	SPENS national workshop during 15 <sup>th</sup> International Fair of Road Construction Industry AUTOSTRADA POLSKA	Road authorities, Researchers	Poland		IBDiM (Bańkowski)
21 May 2009	SPENS Presentations (CERTAIN event) Ukraine national workshop Kiev (Turk, Gáspár, Stryk, Adewole)	Road authorities, Researchers	Ukraine		ZAG Žnidarič
5 June 2009	SPENS Presentations (CERTAIN event) Estonian national workshop Tallin (Turk, Gáspár, Stryk, Adewole)	Road authorities, Researchers	Estonia		TECER (Marek Truu)
July 2009	SPENS Newsletter Turk, Gáspár, Said, Tušar, Haider	all	EU		FEHRL (Valerie Henry)
27-28 August 2009	Presentations SPENS and ARCHES joint Final seminar in Ljubljana 1,5 day event – 2 parallel sessions	Road authorities, researchers, contractors	EU		All SPENS partners
December 2009	Report for Slovak Road Administration (Final report of scientific analysis: Implementation of the EU project to the Slovak Pavement Management System)	Experts	Slovakia		TUZA
November 2009	Coloquium on asphalts and bitumens, Kranjska gora (Henigman, Tušar, Turk)	Researchers, Road authorities	Slovenia		DDC, ZAG
07-10 June 2010	Several Presentations TRA 2010, Brussels, Belgium (Pap, Celko, Haider, Tušar, Bańkowski, Mladenović, Turk, Said)	Researchers, Road authorities	all		All SPENS partners



The SPENS poster was presented at several occasions.



**Picture 2 European Cities of Science November 14-16, 2008**

The SPENS brochures are available at all partner's institutes.