

# DI2.4: PROMISE Dissemination Report

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ABSTRACT:	This deliverable describes the PROMISE dissemination activities of the project period PM18 to PM24 including the planned activities.

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# 1 Introduction

In this report PROMISE related dissemination activities are listed which are either performed or planned during the project period PM 13 to PM 24.

# 2 Publications and presentations

## 2.1 Industrial Journals

Author	Title	Forum
Thoben, KD.	Die erweiterte Nutzung von Produktinformationen	RFID im Blick, Special
Hans, C.		Bremen Edition
Hribernik, K.		
Schnatmeyer, M.		

# 2.2 Research reports

Author	Title	Forum
Zangiacomi, A.	Virtual Research Lab for a Knowledge Community in	NoE VRL-KciP
	Production	

# 2.3 Journal papers and conference proceedings

Author	Title	Forum
Meo, F. Panarese, D.	Product Lifecycle Management and Information Tracking using Smart Embedded Systems applied to machine tools	2 <sup>nd</sup> I*PROMS Virtual International Conference on Intelligent Production Machines and Systems 3-14 July 2006
Kiritsis, D. Rolstadås, A.	Ubiquitous PLM using Product Embedded Information Devices	Advanced Manufacturing. An ICT and Systems perspective, under publication by the IMS- NoE.
Jun, HB. Kiritsis, D. Xirouchakis, P.	Closed-loop PLM	Advanced Manufacturing. An ICT and Systems perspective, under publication by the IMS- NoE.
Myklebust, O. Kiritsis, D. Lamvik, T.	Sustainable Products and Processes	Advanced Manufacturing. An ICT and Systems perspective, under publication by the IMS- NoE.
Jun, HB. Ruibal, M. Kiritsis, D. Xirouchakis, P.	Streamlining asset maintenance throughout analysis of its usage data	APMS 2006, September 2006, Wroclaw, Poland.
Främling, K. Kärkkäinen, M. Ala-Risku, T. Holmström, J.	Design Patterns for Managing Product Lifecycle Information	Communications of the ACM
Jun, HB. Kiritsis, D. Gambera, M. Xirouchakis, P.	Predictive maintenance algorithm for automotive engine oil	Computers and Industrial Engineering
Jun, HB. Kiritsis, D. Xirouchakis, P.	Research issues on closed-loop PLM	Computers in Industry
Hui Cao Folan, P. Zheng Lu Mascolo, J. Frantone, N. Browne, J.	Design of an End-of-Life Decision Support System using Product Embedded Information Device Technology	ICE 2006 conference, 26- 28 June
Cassina, J. Tomasella, M.	Development of a the semantic object model for a PDKM system	ICE 2006 conference, 26- 28 June

Author	Title	Forum
Matta, A.		
Taisch, M.		
Marquard, M.		
Metin, A.	Transformation of product field data into knowledge	
Bufardi, A. Folan, P	Transformation of product field data into knowledge	INCOM 2006
Kiritsis, D.		
Xirouchakis, P.		
Jun, HB.	System architecture for closed-loop PLM	INCOM 2006
Shine, JH.		
Kiritsis, D.		
Xirouchakis, P.		
Främling, K.	Enriching Product Knowledge During the Product	INCOM 2006
Rabe, L.	Lifecycle	
Främling, K.	Global Unique Product Identifiers – Requirements and	INCOM 2006
Brusey, J.	Solutions to Product Lifecycle Management	
Harrison, M.		
Anke, J.	Early data processing in smart item environments using	INCOM 2006
Neugebauer, M.	mobile services	
Nunes, K.	Using Transponder Technology for Waste Minimization in	INCOM 2006
Schnatmeyer, M.	the Automotive Industry	
Thoben, KD. Valle, R.		
Sorlini, M.	Designing a Decision Support System for Trucks	INCOM 2006
Zangiacomi, A.	Predictive Maintenance	
Fornasiero, R.		
Jun, HB.	A Framework for closed-loop PLM	Information systems
Shine, JH.		frontiers
Kiritsis, D.		
Xirouchakis, P.		
Matta, A.	Adaptive production systems to react to product changes	Int. J. of Production
Tomasella, M.		Research
Jun, HB.	A predictive algorithm for estimating the quality of	International Journal of
Lo Conte, F.	automotive engine oil	Industrial Engineering
Kiritsis, D. Xirouchakis, P.		
Jun, HB.	RFID applications in PLM	International Journal of
Shine, JH.		Production Economics
Kim, YS.		
Kiritsis, D.		
Xirouchakis, P.		
Thoben, KD.	Die erweiterte Nutzung von Produktinformationen	RFID im Blick, Special
Hans, C.		Bremen Edition
Hribernik, K.		
Schnatmeyer, M.		
D. Kiritsis, D.	Engineering asset management using product embedded	WCEAM 2006, 11-14 July
Jun, HB.	information device (PEID): PROMISE approach with	2006, Gold Coast,
Bufardi, A.	application to telecom assets	Australia.
Pli, D.		
Anastasiou, M Xirouchakis, P		
Hans, C.	Decision support systems in plastic recycling plants	WCEAM 2006, 11-14 July
Schnatmeyer, M		2006, Gold Coast,
Thoben, KD.		Australia.
Sbarski, I.		
Bishop, J.		th
Anke, J.	A Service-Oriented Middleware for Integration and	4 <sup>th</sup> MiNEMA Workshop, 2-
Müller, J.	Management of Heterogeneous Smart Items	3 July 2006, Sintra,
Spieß, P.,	Environments	Portugal.

Author	Title	Forum
Weiss F Chaves, L.		
Edler, A Schnatmeyer, M	Kontinuierlich in internationalen Netzwerken aktiv sein und erfolgreich EU Projekte einwerben	Informationsveranstaltung zum 7. Rahmenprogramm (RP) der Europäischen Union 3. Mai 2006, Universität Bremen, 2006.

#### 2.4 Poster

Author	Title	Forum
N.N.	Product lifecycle Management and Information tracking using Smart Embedded systems	Opening session at the RFID Innovation centre Norway.
N.N	Product lifecycle Management and Information tracking using Smart Embedded systems	PROMISE Kick-off- Meeting, Tourino
Bufardi, A. Folan, P Kiritsis, D. Xirouchakis, P.	Transformation of product field data into knowledge	INCOM 2006
Nunes, K. Schnatmeyer, M. Thoben, KD. Valle, R.	Using Transponder Technology for Waste Minimization in the Automotive Industry	INCOM 2006
Främling, K., Holmström, J.	How to create evolving information models by a layered information architecture.	Proceedings of The Modern Information Technology in the Innovation Processes of the Industrial Enterprises (MITIP'2006), 11-12 September 2006, Budapest, Hungary. pp.173-178.

#### 2.5 Presentations

Author	Title	Forum
Kiritsis, D.	The PROMISE approach to engineering asset management	2 <sup>nd</sup> RFID Academic Convocation, RFID Journal LIVE! 2006, Las Vegas, May 1, 2006
Schnatmeyer, M.	Embedded Systems in Reverse Logistics	Workshop on Engineering Asset Management Enabled by Product Embedded Information devices. WCEAM conference 2006, Gold Coast, Australia.
Kiritsis, D.	The PROMISE concept, business model and applicability to engineering asset management	Workshop on Engineering Asset Management Enabled by Product Embedded Information devices. WCEAM conference 2006, Gold Coast, Australia.
Frey, M.	DfX Knowledge transformation & management for railway assets	Workshop on Engineering Asset Management Enabled by Product Embedded Information devices. WCEAM conference 2006, Gold Coast, Australia.
Kiritsis, D.	What if your product could tell what to do with itself next? (presentation + CRF-SAP video)	RFID Journal LIVE! Europe 2006, Amsterdam, October 27, 2006.

#### 2.6 Publications foreseen for publication

#### 2.6.1 Book editions

Author	Title	Forum
Kiritsis D.	Ubiquitous PLM using Product Embedded	Advanced Manufacturing. An ICT
Rolstadås A.	Information Devices	and Systems perspective, under
		publication by the IMS-NoE.
Jun HB.	Closed-loop PLM	Advanced Manufacturing. An ICT
Kiritsis D.		and Systems perspective, under
Xirouchakis P.		publication by the IMS-NoE.
Myklebust O.	Sustainable Products and Processes	Advanced Manufacturing. An ICT
Kiritsis D.		and Systems perspective, under
Lamvik T.		publication by the IMS-NoE.

A PROMISE book edition is planned before the PROMISE project end. This book shall include contribtions from all IMS regions.

## **3 PROMISE** sessions, workshops, national information days

#### 3.1 Conference Sessions and workshops

Different events were successful planned and organised from the PROMISE consortium:

- INCOM 2006 (<u>http://www.emse.fr/incom2006/</u>): A PROMISE session was held on the conference in St. Etienne, France. The presented papers are listed in section 2.3 and 2.4.
- WCEAM 2006 (http://www.wceam.com/): This was the first World Conference on Engineering Asset Management and has taken place on July 2006 in Australia. D. Kiritsis is member of the International Steering Board of this conference. Asset Management appears to be a promising domain of application of PROMISE technologies. Beside paper presentations from EPFL and a joint paper between the IMS regions Europe and Australia (BIBA, IRIS), PROMISE had a regular IMS workshop in conjunction with that event for higher international visibility. In parallel one technical session has been organised with technical & scientific presentations from all participating IMS regions.
- EPC / RFID workshop: PROMISE had a joint workshop with LogDynamicsLab on EPC and RFID topics in the product life cycle in Bremen, Germany.

#### **3.2** Trade fairs and innovation centres

- EURO ID 2006: BIBA has presented PROMISE at this trade fair in Cologne, Germany (16 to 18 of May) on a LogDynamics stand. PROMISE is cooperation with LogDynamics Lab as an external project.
- A RFID Innovation centre has been established in Norway (see <u>http://www.rfidjournal.com/article/articleview/2268/1/1/</u>). PROMISE has been presented there and had a poster at the opening session.
- RFID Journal LIVE! Europe 2006, 27 October 2006, Amsterdam.

#### 3.3 Planned PROMISE sessions and workshops

Academic dissemination will continue. There are already two planned sessions at two important international events:

- International Conference on Product Lifecycle Management, PLM-07 in Milano, Italy (http://www.promise.no/aktivitet.php?id=164&time=174)
- Second World Congress on Engineering Asset Management and the Fourth International Conference on Condition Monitoring, WCEAM CM 2007 in Harrogate, United Kingdom (http://www.promise.no/aktivitet.php?id=163&time=173)

### 4 **PROMISE** websites

Based on different focuses of the project dissemination activities the PROMISE consortium currently operates two websites.

The PROMISE project started with the website <u>www.promise.no</u> which was originally set up as a common platform to support beside others project dissemination in a broad sense. With an increase of content and pages over the time the concept of this site matured with respect to the demands of the consortium and in particularly the academic audience. Consequently the focus of this site was narrowing down. To also cover the interests of industrial audience the website <u>www.promise-plm.com</u> was set up.

Among other things the promise.no website provides an overview on the project publications (deliverables, paper, presentations, etc) and events (see also Figure 1) related to the project such as conferences, information days etc.

Product lifecycle management and information tracking using	smart embedded systems - Microsoft Internet Explorer			
Datei Bearbeiten Ansicht Eavoriten Extras ?				· · · · · · · · · · · · · · · · · · ·
	PROduct lifecycle Manageme tracking using Smart Embedo xh francwok Programme		ation	
Menu	> Important events, Nov 2006		Calendar 😵	
U Home What is PRO		ep Oct Nov Dec Sea	rch	
Participants     consortium	Activities	Place	Start End	
Available rep     Important ev		Tahiti, French Polynesia	29.10.2006 01.11.2006	
Contact PRO	(DOA)	Montpellier, France	30.10.2006 01.11.2006	
PROMISE site	of Semantics (ODBASE 2006)	Montpellier, France	31.10.2006 02.11.2006	
PROMISE PLM - commercial site PROMISE Train	COOPERATIVE INFORMATION SYSTEMS (CoopIS 2006)	Montpellier, France	01.11.2006 03.11.2006	
Center (Beta)	International Symposium on Grid computing, high-performAnce and Distributed Applications (GADA'06)	Montpellier, France	02.11.2006 03.11.2006	
Search	ACM 15th Conference on Information and Knowledge Management, CIKM 2005	Arlington, VA 22202 USA	06.11.2006 11.11.2006	
Important eve	Going Green – CARE INNOVATION 2006 From WEEE/RoHS Implementation to Future Sustainable Electronics	Vienna, Austria	13.11.2006 16.11.2006	
Going Green CARE INNOVATION	PARALLEL AND DISTRIBUTED	Dallas, Texas, USA	13.11.2006 15.11.2006	
2006 From WEEE/RoHS Implementati	Smart Label Summit Europe	Amsterdam, Netherlands	15.11.2006 16.11.2006	
Future Sustai Electronics 13.11.2006	Collaborative Computing: Networking, Applications and Worksharing	Doubletree Hotel Atlanta-Buckhead, Atlanta, Georgia, USA	17.11.2006 20.11.2006	
IASTED International	IST 2006 - Strategies for Leadership Advancing Business and Management in Knowledge-based Society MIC' 06 -	Helsinki, Finland Portorož, Slovenia	21.11.2006 23.11.2006 23.11.2006 25.11.2006	
Conference or PARALLEL AN DISTRIBUTED	Management International Conference	Cancun-Playa Del	26.11.2006 01.12.2006	
COMPUTING		Carmen, México	26.11.2006 01.12.2006	
SYSTEMS 13.11.2006 Smart Label	Multimedia and ICTs in Education (m- ICTE2006)	Seville,Spain	29.11.2006 02.12.2006	
Summit Europ 15.11.2006	A Back to top			
The 2nd International Conference on Collaborative Computing: Networking, Applications a	< Back Printer-friendly version			
Worksharing				

Figure 1: www.promise.no / important events

http://promise.no - Product life	ecycle management and informatic	n tracking using smart emb	edded - Microsoft Internet Explorer		0 0				
tei Bearbeiten Ansicht [									
	IME	PROduct life	cycle Management and Informat	tion 70					
			g Smart Embedded systems						
	6	clucking usin	g omare Embedded Systems	000					
	Suth F	Sixth Framework Programme							
	Menu	PRESENTATIONS AND REPORTS							
	Home	This list contains PRO							
	What is PROMISE?	are interested in a p section 3). PROMISE							
	Participants and consortium		section 3). PROMISE reports are currently not available for public distribution. Contact PROMISE if you have specific <u>questions related to available reports</u> .						
	Available reports	The contents of this							
	Important events	<ul> <li>Fact sheet</li> </ul>	. Fort-shart						
	Contact PROMISE	<ul> <li>Industrial Jou</li> </ul>	Fact sneet     Industrial Journals						
			Research reports     Journal papers and conference proceedings						
	PROMISE sites	<ul> <li>Poster</li> </ul>							
	PROMISE PLM - the	<ul> <li>Presentations</li> <li>Author e-mail</li> </ul>							
	commercial site	<ul> <li>Addition enhance</li> </ul>	duui 135						
	PROMISE Training Center (Beta)	Fact sheet and gen							
		-							
	Search	<ul> <li><u>2-pages fact s</u></li> <li>General prese</li> </ul>	heet of PROMISE (PDF) (updated 22, Apr 2005) ntation of PROMISE and IMS connection (.pps) (update	d 2 Eab 2005)					
	find	Oeneral prese	neadon of PROPISE and IPIS connection (1995) (update	u z. reo 2003)					
		Industrial Journals	Inductivial Tournals						
	Important events								
		Author Thoben, KD.	Title Die erweiterte Nutzung von Produktinformationen	Forum RFID im Blick, Special					
	Going Green - CARE	Hans, C.		Bremen Edition					
	INNOVATION 2006 From	Hribernik, K. Schnatmeyer, M.							
	WEEE/RoHS	Robertl, M.	Smarter Products	RFID Journal. January /					
	Implementation to Future Sustainable			February 2006, page 16 – 23					
	Electronics 13.11.2006	Boer, C. R.	Un nuovo approccio alla manutenzione	RMO – Rivista di					
	IASTED	Fornasiero, R.		Meccanica Oggi.					
	International			February 2006, page 86 - 90					
	Conference on PARALLEL AND								
	DISTRIBUTED COMPUTING AND	Research reports	Research reports						
	SYSTEMS	Author	Title	Forum					
	13.11.2006	Zangiacomi, A.	Virtual Research Lab for a Knowledge Community in	NoE VRL-KciP					
	Smart Label Summit Europe		Production						
	15.11.2006		Journal papers and conference proceedings						
	The 2nd	Journal papers and							
	International Conference on	Author	Title	Forum					
	Collaborative Computing:	Erbe, H. Morel, G.	Infotronic Technologies for E-Maintenance Regarding the Cost Aspects	16th IFAC World					
	Networking.	Lee, J.	Source Preparate	Congress, July 4-8, 2005, Prague, Czech Republic					
	Applications and Worksharing	lung, B.							
	17.11.0000	Léger, J.B.		I I I					

Figure 2: Figure 1: www.promise.no / publications

The www.promise-plm.com website concentrates mainly on the dissemination of the exploitation related aspects of the project results. Consequently the focused group of users is different from the group of users mentioned for the www.promise.no site. Among others the practical aspects of the implementation of PROMISE within the project but also without the project are presented (see also Figure 3).

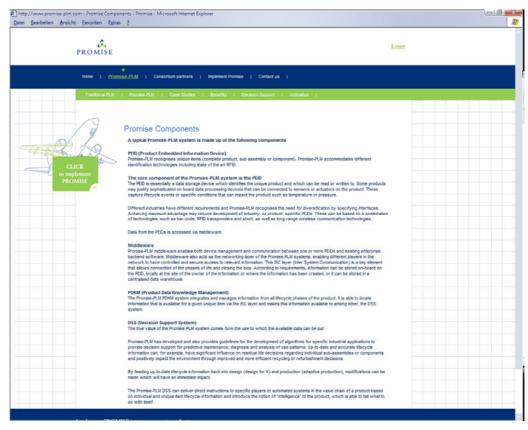


Figure 3: www.promise-plm / components of the PROMISE system