
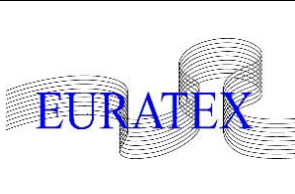


Expressions of Interest

Targeting

**ICT-2009-3.9 Microsystems and Smart
Miniaturised Systems (e.g. SFIT)**


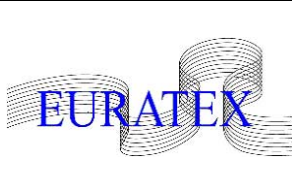
4 September 2009

	<p>European Technology Platform for the Future of Textiles and Clothing</p> <p>Textile Project Proposal Information Exchange System (TEPPIES)</p>	
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Expression of Interest for Preparation of a Project Proposal

TEPPIES call n° 01-2009


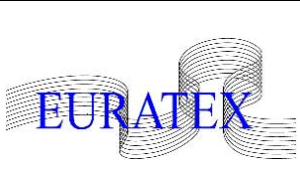
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EC	FP7-NMP-2010	30/07/2009	03/11 or 08/12/2009		
EC	FP7-ICT-2009	30/07/2009	26/10/2009		
Proposer Identification					
Prime proposer organisation	Gent University, Department of Textiles				
Key industry partners	Brunet Lion, Sofileta, Ohmatex, Schappe Techniques, Grado Zero, Luxilon, ST&D				
Key research partners	UGent, KULeuven, CSEM, TNO				
Proposal Information					
Project acronym (optional)	T-BEST				
Full project working title	Thermal Body protection and regulation by Smart Textiles				
EC workprogramme topic	ICT-2009-3.9 Microsystems and Smart Miniaturised Systems (e.g. SFIT)				
<i>Non-confidential abstract (max. 100 words):</i>					
<p>The overall objective of the project is to realize a smart suit that provides optimal comfort at all times in various aspects (e.g. thermal, weight, comfort) by developing and integrating technologies and functional systems for <u>active thermoregulation</u> in thermal professional protective clothing and allowing higher protection levels enhanced with sufficient thermal comfort. The ICT solutions to be integrated include real-time risk monitoring systems for early detection of hazardous situations, micro-electronic components (sensors, actuators) and soft computing and augmented reality techniques for training and for decision-supporting systems.</p>					
Partner Search (optional)					
Search n°	Partner type	Industry/Research/Other <i>(delete the unnecessary)</i>			
<i>Short description of profile (competences required, geographic origin etc., max 100 words):</i>					
The consortium is complete					
Contact for this Expression of Interest					
Title	Mr/Ms/Prof/Dr	First name	Lieva	Name	Van Langenhove
Organisation name	Gent University, Department of Textiles				
E-mail address	Lieva.vanlangenhove@ugent.be	Direct phone number	003209264 5419		

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Expression of Interest for Preparation of a Project Proposal

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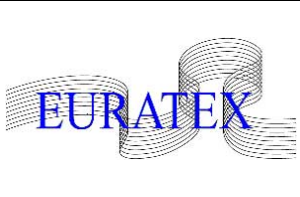
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EC	FP7-NMP-2010	30/07/2009	03/11 or 08/12/2009
EC	FP7-ICT-2009	30/07/2009	26/10/2009
Proposer Identification			
Prime proposer organisation	DITF Denkendorf – Centre for Management Research (DITF-MR)		
Key industry partners	Innovation community for Smart Fabrics or SFIT solutions		
Key research partners	Applied research institutes		
Proposal Information			
Project acronym (optional)			
Full project working title	Multi-stage Innovation Management Approaches for Smart Fabrics and SFIT Solutions Development Communities		
EC workprogramme topic	ICT-2009-3.9 Microsystems and smart miniaturised systems		
<p>DITF-MR plans to extend its knowledge and experience in collaborative innovation processes (e.g. from EC projects AVALON, WEBTEXPert) especially in the field of configuration assessment for <i>disruptive multi-stage innovations</i> (DMI) with special regard to a development process speed-up, added value and sustainable manufacturability.</p> <p>Therefore, DITF-MR will provide both DMI management methods and tools for an innovation community and carry out an accompanying moderation of the disruptive innovation process. This will help the innovation community to optimise the product's added value with optimum sustainable manufacturability whilst reducing communications and tests to the really necessary minimum.</p>			
Partner Search (optional)			
Search n°		Partner type	
<p><i>An innovation community (industry, research institutes, etc.) that wants to develop smart fabrics or an SFIT solution.</i></p>			
Contact for this Expression of Interest			
Title	Mr	First name	Tobias
Name	Maschler		
Organisation name	DITF Denkendorf – Centre for Management Research		
E-mail address	Tobias.Maschler@DITF-Denkendorf.de	Direct phone number	+49 711 9340-431

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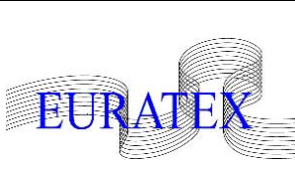
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EC	FP7-NMP-2010	30/07/2009	03/11 or 08/12/2009
EC	FP7-ICT-2009	30/07/2009	26/10/2009
Proposer Identification			
Prime proposer organisation	University of Frankfurt/M – Prof. Viktor Krozer		
Key industry partners	Ohmatex ApS		
Key research partners	ITV Denkdorf, Keele University / School of Medicine		
Proposal Information			
Project acronym (optional)			
Full project working title	Smart Fabric / garment for Non-invasive Microwave imaging of biomedical parameters		
EC workprogramme topic	ICT-2009-3.9 < Microsystems and Smart Miniaturised Systems >		
<i>Non-confidential abstract (max. 100 words):</i>			
<p>The objective of this proposal is to develop a truly smart fabric with embedded and seamlessly integrated, sensing, communication and processing functionalities. The strategic goal is to demonstrate non-invasive microwave imaging of a range of bio-medical parameters using a garment confectioned from the developed multi-layer or 3D textile structure with embedded DC wiring, feedlines and antenna elements, and where a number of miniaturised single chip radars are directly integrated with textile antennas in a wearable system.</p>			
Partner Search (optional)			
Search n°		Partner type	Industry/Research/Other (<i>delete the unnecessary</i>)
<i>Short description of profile (competences required, geographic origin etc., max 100 words):</i>			
Industrial fabric manufacturer with own European manufacturing facilities			
This partner should be able to manufacture technically complex conductive textile structures and will be involved in practical experimentation with interconnection technologies and processes during confection of garments from these fabrics. Ideally, the partner should have a demonstrable potential for exploitation of the developed technology in a commercial product. Geographic origin: All EU, but not German or Danish.			
Contact for this Expression of Interest			
Title	Mr	First name	Christian
		Name	Dalsgaard
Organisation name	Ohmatex ApS		
E-mail address	chd@ohmatex.dk	Direct phone number	+45 40966951

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Expression of Interest for Preparation of a Project Proposal

TEPPIES pre-call n° 01-2009

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EC	FP7-NMP-2010	30/07/2009	08/12/2009
EC	FP7-ICT-2009	31/07/2009	03/11/2009
Proposer Identification			
Prime proposer organisation	AITEX		
Key industry partners	Knitting /Spain		
Key research partners	Neuroscience & Telemedicine/ Spain		
Proposal Information			
Project acronym (optional)			
Full project working title	Wearable Integrated Multi Functional Monitoring System		
EC workprogramme topic	ICT-2009-3.9: Microsystems and smart miniaturised systems		
<p>This Project aims to develop all necessary technology to integrate into the textile industry a wide range of sensors that are capable of measuring vital signs and certain other physiological parameters that will form an integrated monitoring system that will permit an exhaustive control of users. The materials will have to be perfectly embedded together into the fibre and/or fabric for obtaining a multi functional low powered smart fabric for sensing and communicating by RF and RFID with the processing control centre for personal care with high manufacturing quality and feasibility. The project will be executed having in mind user-friendliness, comfort and ergonomics as the SFIT will be in contact with the user's skin.</p>			
Partner Search (optional)			
Search n°		Partner type	Industry/Research/Other (<i>delete the unnecessary</i>)
Textile companies, Textile Research Centre/University, Microsystems and microsensors company, Hospital experienced in telemedicine, telecommunications company/research centre/university, Software developing company/Research centre/University, Energy supply developing company.			
Contact for this Expression of Interest			
Title	Mr/Ms/Prof/Dr	First name	López
Name	Rosa		
Organisation name	AITEX		
E-mail address	rlopez@aitex.es	Direct phone number	+34965542200


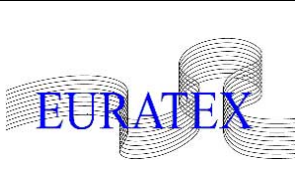
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EC	FP7-ICT-2009	30/07/2009	26/10/2009
Proposer Identification			
Prime proposer organisation	CETEMMSA		
Key industry partners	End user / Germany		
Key research partners	CENTEXBEL, INASMET		
Proposal Information			
Project acronym (optional)	WASH'eT!		
Full project working title	WASHable electronic Textile		
EC workprogramme topic	ICT-2009-3.9 Smart Fabrics and Interactive Textile		
<i>Non-confidential abstract (max. 100 words):</i>			
<p>WASH'eT! is designed to address one of the major problems that nowadays impair to bring smart textiles on the market: they often lack of washability. Indeed, tremendous endeavours have been done to bring new functionalities to textiles via electronic integration (sensors, lighting elements, energy harvesting, communication...), but the problem of resistance to folding, wear and washing impair their large launch on the market. This is especially the case for the printed electronic devices (sensors, flexible light panels...) directly printed on textile. WASH'eT! will develop new methods to produce wash resistant e-textile demonstrators including sensors, and ICT solutions.</p> <p>EUREKA project is a possible follow up of the project for the industrialization of the technologies and prototypes developed.</p>			
Partner Search (optional)			
Search n°	1	Partner type: Industrial End User	Industry / Research / Other
<i>Short description of profile (competences required, geographic origin etc., max 100 words):</i>			
<p>Entity willing to coordinate administratively (only) the project. Recall: EC funding is 100% for this task</p> <p>Technical coordination will be carried out by Cetemmsa.</p> <p>Previous coordination experience preferred, if not required</p> <p>Geographic area: EU</p>			


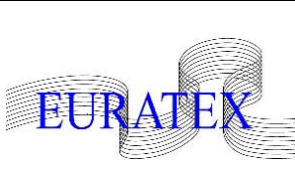
Search n°	2	Partner type: Industrial End User	Industry		
<p><i>Short description of profile (competences required, geographic origin etc., max 100 words):</i></p> <p>End user developing wearable communicating tools, or not wearable ones but willing to develop a market for their clients with his communication technology.</p> <p>Low power solutions preferred</p> <p>Geographic area: EU, preferably not Spain</p>					
Search n°	3	Partner type: Ink provider	Industry		
<p><i>Short description of profile (competences required, geographic origin etc., max 100 words):</i></p> <p>Industrial technical ink provider (not distributor) willing to develop its market with specific inks dedicated to very flexible substrate. Formulation skills required, electronic background valuable</p> <p>Geographic area: EU, preferably not Spain</p>					
Contact for this Expression of Interest					
Title	Dr	First name	Nicolas	Name	RENAUD
Organisation name	CETEMMSA				
E-mail address	nrenaud@cetemmsa.com		Direct number	phone	+34 93 741 91 00

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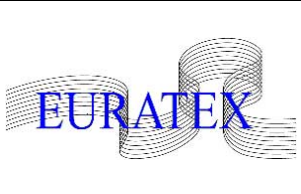
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EC	FP7-NMP-2010	30/07/2009	03/11 or 08/12/2009
EC	FP7-ICT-2009	30/07/2009	26/10/2009
Proposer Identification			
Prime proposer organisation	VTT Technical Research Centre of Finland		
Key industry partners			
Key research partners			
Proposal Information			
Project acronym (optional)			
Full project working title	TEXTILE ELECTRONIC COMPONENT		
EC workprogramme topic	ICT-2009-3.9: Microsystems and Smart Miniaturised Systems 5) Smart fabrics and Interactive Textiles (SFIT)		
<p><i>Non-confidential abstract (max. 100 words):</i> Printed intelligence is a new technology driven innovation at the cross sections of the paper and electronics industries: manufacture electronic components utilizing roll-to-roll production techniques (printed electronics), printing of new functionalities into high volume low cost packaging and printed media applications (printed functionality). Printing enable cost effective and high speed mass production. The aim of this project is to study printed intelligence and electronics from functional inks on different textile material structures such as nonwoven, woven and knitted fibre based systems, their combinations, coated/laminated with nanolayers and nanoparticles.</p>			
Partner Search (optional)			
Search n°		Partner type	Industry/Research/Other <i>(delete the unnecessary)</i>
Short description of profile <i>(competences required, geographic origin etc., max 100 words):</i>			
Contact for this Expression of Interest			
Title	Ms	First name	Salme
Name	Nurmi		
Organisation name	VTT		
E-mail address	salme.nurmi@vtt.fi	Direct phone number	+35840 560 6603

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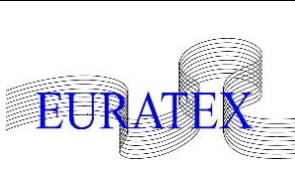
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TEPPIES	01-2009	18/06/2009	04/09/2009
EC	FP7-ICT-2009	30/07/2009	26/10/2009
Proposer Identification			
Prime proposer organisation	ENSAIT		
Key industry partners	Dufлот Industrie (FRANCE)		
Key research partners	University of Maribor, Faculty of Mechanical Engineering, Slovenia,		
Proposal Information			
Project acronym (optional)	WINTEX		
Full project working title	Woven INtelligent TEXtiles		
EC workprogramme topic	ICT-2009-3.9 Microsystems and Smart miniaturised systems		
<p><i>Non-confidential abstract (max. 100 words):</i> The first steps of wintex are to develop and implement the optical chemical sensors, into clothing or personal equipment, such as backpack, protective mask, etc., in order to produce an intelligent textile for a mobile sensor device, which will be able to detect parameters such as ammonia and oxygen . Optical chemical sensors are advantageous over conventional analytical methods, because they are immune to electromagnetic interference, small and compact in size, sensitive, able to be multiplexed, they allow remote sensing and may be embedded into textile structures. We will investigate the possibilities of integrated sensor/sensor system to be removable, so that the intelligent textile would be easy to maintain. In the second phase, we will study the possibilities how to integrate into textiles a sensor/sensor system without the possibility to be removed, while keeping in mind to assure an appropriate maintenance of such intelligent material. The main innovation of WINTEX is to achieve a real breakthrough in the fields of smart textiles, including optical sensors.</p>			
Partner Search (optional)			
Search n°		Partner type	Industry/Research/Other <i>(delete the unnecessary)</i>
<p><i>Short description of profile (competences required, geographic origin etc., max 100 words):</i> Industrial partners interested to use the new generation of captor for building applications</p>			
Contact for this Expression of Interest			
Title	Dr	First name	Vladan
Name	Koncar		
Organisation name	ENSAIT		
E-mail address	Vladan.koncar@ensait.fr	Direct phone number	00 33 3 20 25 64 64

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EC	FP7-ICT-2009	30/07/2009	26/10/2009		
Proposer Identification					
Prime proposer organisation	D'Appolonia S.p.A.				
Key industry partners	TAC-Schneider, Smartex, Imprima Construction				
Key research partners	EUCENTRE, STFI, UNI-Cagliari, UNI-PISA, UNI-LINZ				
Proposal Information					
Project acronym (optional)	WALL-EE				
Full project working title	Seismic WALLpaper integrating micro-Electronics for Earthquake Protection of Masonry Buildings				
EC workprogramme topic	ICT-2009-3.9 Microsystems and Smart Miniaturised Systems				
<p><i>Non-confidential abstract (max. 100 words):</i> Motivated by the L'Aquila and like earthquakes and made possible by technological advances in smart miniaturised systems, WALL-EE develops smart reinforcing textiles systems in a "seismic wallpaper" concept that interact with building management systems to improve safety, building performance, first responder actions, and engineer assessment before, during, and after extreme load events. To accomplish this, Microsystems are engineered into textile structures and the Information, Communication, and Technology networks and systems are developed that allow these textiles to interact with the structure in an active manner.</p>					
Partner Search (optional)					
Search n°	1	Partner type	Industry		
<p><i>Non-Italian industrial partner</i> with competencies in micro-electronics and/or micro-sensors. Rugged, embeddable, low-power, high performance systems are desired. Wireless capabilities and systems are preferable. Experience in the employment and use of such systems is desired.</p>					
Search n°	2	Partner type	Industry		
<p><i>Non-Italian industrial partner</i> with competencies in energy solutions for MEMS. Energy harvesting, energy storage, and smart energy usage techniques (e.g. sleep mode and triggers) are desired. Long lasting embedded sensors must be developed. Batteries will not be able to be replaced in this system.</p>					
Contact for this Expression of Interest					
Title	Dr	First name	Thomas	Name	Messervey
Organisation name	D'Appolonia S.p.A.				
E-mail address	Thomas.messervey@dappolonia.it		Direct phone number	39 010 3628148 Ext. 2129	

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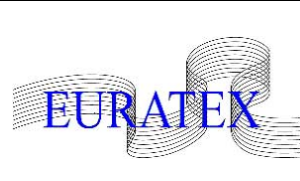
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EC	FP7-ICT-2009	30/07/2009	26/10/2009
Proposer Identification			
Prime proposer organisation	UNIVERSIDADE DO MINHO		
Key industry partners	Spinning and knitting producers		
Key research partners	Universidade do Minho		
Proposal Information			
Project acronym (optional)			
Full project working title	Morphing Structures- Development of smart memory fabrics		
EC workprogramme topic	ICT-2009-3.9: Microsystems and smart miniaturized systems		
<p><i>Non-confidential abstract (max. 100 words):</i></p> <p>The development of products with increasing levels of functionality will be the key to 21st century competitive advantage. Smart materials will demonstrate a critical role in this development. 'Smart' materials usually form part of a 'functional system' that has the ability to sense external stimuli (pressure, temperature, light) and, if active or interactive, respond to these stimuli through an adaptive or a controllable response.</p> <p>Despite the recognition of SMMs importance in smart product development and of textile substrates as potential flexible smart platforms, only a few products are commercially available.</p> <p>Project strategic objectives are two-fold: design, develop and produce in industrial textile machinery smart memory fabrics with the required behaviour - morphing structures- and design and develop SMP fibre/filaments with tailored properties.</p>			
Partner Search (optional)			
Search n°		Partner type	Industry/Research/Other (<i>delete the unnecessary</i>)
<p><i>Short description of profile (competences required, geographic origin etc., max 100 words):</i></p> <p>Polymer science and technology research institutions; SMM producers.</p>			
Contact for this Expression of Interest			
Title	Prof	First name	Ana Name Rocha
Organisation name	Universidade do Minho		
E-mail address	amrocha@det.uminho.pt	Direct phone n°	+351253510280/290

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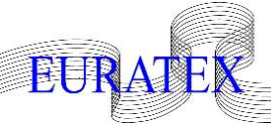
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EC	FP7-ICT-2009	31/07/2009	03/11/2009		
Proposer Identification					
Prime proposer organisation	The Research – Development National Institute for Textile and Leather, Bucharest, Romania				
Key industry partners	Finishing / Manufacturing SME's / EU				
Key research partners	Textile research centers / EU				
Proposal Information					
Project acronym (optional)	PATTEX				
Full project working title	Design of new multifunctional textile patterns with large scale applications				
EC workprogramme topic	ICT-2009.3.9: Microsystems and Smart Miniaturised Systems - Smart Fabrics and Interactive Textiles (SFIT) or NMP.2010-2 Supply chain approaches for small series industrial production				
<p><i>Non-confidential abstract (max. 100 words):</i></p> <p>The increased demand for sophisticated textile products, incorporating multifunctional properties such as waterproofing, fire-resistance, antistatic, surface modifications along with antibacterial finishes, self-cleaning (Lotus effect), and confort for high risk working conditions, has created the premises for joint research from multidisciplinary fields in order to fulfill those expectations.</p> <p>A new generation of high technology multifunctional textile materials and products continues to rise as new contrasting performances must coexist and cohabit, such as for instance water resistance and air permeability, strong resistance and softness. Some of these properties were developed mainly for protective clothing but nowadays they are more and more present in usual clothing.</p> <p>Within this project, the application of several novel techniques such as plasma coatings and antibacterial finishing with sustained application in producing industry will be developed. By applying that new permanent functionalization of the products, a new range of high-value textile materials can be obtained.</p>					
Partner Search (optional)					
Search n°		Partner type	Research		
<p><i>Short description of profile (competences required, geographic origin etc., max 100 words):</i></p> <p>We would very much appreciate the collaboration of partners from both research and industry sector:</p> <p><u>Research</u> European Textile Research Institutes and Universities with expertise in the field of multifunctionalization of textile products.</p> <p><u>Industry</u> SME's with an interest to transform traditional textile industry towards new high-added value products.</p>					
Contact for this Expression of Interest					
Title	Dr.Eng.	First name	Emilia	Name	Visileanu
Organisation name	The Research – Development National Institute for Textile and Leather, Bucharest, Romania				
E-mail address	certex@ns.certex.ro	Direct phone number	004 021 340 49 28		

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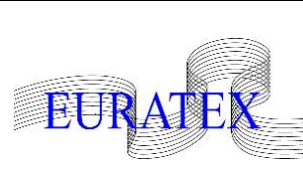
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EC	FP7-ICT-2009	31/07/2009	03/11/2009		
Proposer Identification					
Prime proposer organisation	The Research-Development National Institute for Textile and Leather				
Key industry partners	Romania SMEs-Textiles				
Key research partners	The Research-Development National Institute for Electrical Engineer, Bucharest University of Medicine and Pharmacy, Bucharest				
Proposal Information					
Project acronym (optional)					
Full project working title	Interactive systems of bio-physiological and bio-mechanical signal monitoring				
EC workprogramme topic	ICT.2009.3.9 Microsystems and Smart Miniaturised Systems				
<i>Non-confidential abstract (max. 100 words):</i>					
<p>The overall objective of the project is designing and implementing an interactive garment with non-invasive micro-engineered elements, meant for monitoring biological signals (including the mechanical once) – physiological signals (such as cardiac frequency, temperature, position / posture etc.), which will be used for differentiating the non-problematic states from the problematic / pathological once, which can affect the proper functioning of the body, prevention and / or assistance for health care, in order to increase the quality of life and social integration abilities, based on converging technologies.</p> <p>Specific objectives:</p> <ul style="list-style-type: none"> -modular textile structures, seamless, with or without electronic functions; -new micro sensors -equivalent microelectronic schemes -optimized algorithm for the evaluation/ differentiation of physiological states from pathological ones, based on which decisions can be made, behavioural and / or organizational / medical decisions, appropriate for the detected modifications 					
Partner Search (optional)					
Search n°	Partner type	Industry/Research/Other (<i>delete the unnecessary</i>)			
<i>Short description of profile (competences required, geographic origin etc., max 100 words):</i>					
<ul style="list-style-type: none"> -European research unit with textile and sensor processing expertise; -European SME with textile and sensor processing expertise; -European units for technological transfer and consultancy 					
Contact for this Expression of Interest					
Title	Mr/Ms/Prof/Dr	First name	Eftalea	Name	Carpus
Organisation name	The National Research-Development Institute for Textile and Leather				
E-mail address	certex@ns.certex.ro	Direct phone number	0040213404928		

	<p>European Technology Platform for the Future of Textiles and Clothing</p> <p>Textile Project Proposal Information Exchange System (TEPPIES)</p>	
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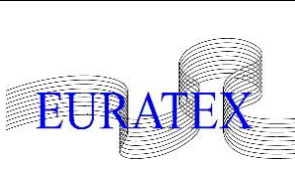
Expression of Interest for Preparation of a Project Proposal

Call Identification			
	Call n°	Opening Date	Closing Date
TEPPIES	V	30.07.2009	04.09.2009
EC	FP7-ICT-2009-5	30.07.2009	26.10.2009
Proposer Identification			
Prime proposer organisation	The Research Development National Institute for Textile and Leather		
Key industry partners			
Key research partners			
Proposal Information			
Project acronym (optional)			
Full project working title	Smart Textile Product based on the Concept "All-in-one"		
EC workprogramme topic	ICT.2009. 3.9 Microsystems and Smart Miniaturised Systems		
<i>Non-confidential abstract (max. 200 words):</i>			
<p>The project aims to design and develop a new generation of smart textile products, integrating a versatile and multifunctional miniaturized electronic device, based on the concept "all – in – one". It is envisaged in the project that the innovative product will assure an optimal combination of a multitude of functionalities such as: sensing to different environmental conditions (radiations, biochemical species, electromagnetic and acoustic waves, temperatures, pressure etc.), analyzing of the voice and images, monitoring, information processing and communication as a selective response function or as a combination of two or more signals. The assurance of a proper combination of the aesthetics properties and functionalities of the smart textile product incorporating such device is also a target of the project taking into consideration that these characteristics are essential for a wearable product. The particularity of this product consists in the complexity of the software encapsulated into the miniaturised devices, able to get a response in real time to the induced external conditions. The accomplishing of such products (having a great added value) will assure an optimal price –functionality ratio, as a consequence of its intrinsic properties, mainly because the software is based upon the same principles, techniques and methodologies of optimisation, the differences being represented by the interpretation processes. The developed products are destined to be used by the workers in the radiography laboratories, nuclear physics, militaries, patients in the hospitals etc.</p>			
Partner Search (optional)			
Search n°		Partner type	Industry/Research/Other (<i>delete the unnecessary</i>)
<i>Short description of profile (competences required, geographic origin etc., max 100 words):</i>			
Research Institutes with expertise in the field of designing smart textiles Electronic Companies able to provide or develop sensors Information Communication Technology for specialized soft development			
Contact for this Expression of Interest			
Title	Mr/Ms/Prof/Dr	First name	Mr. Stan
		Name	Mihai
Organisation name	The Research Development National Institute for Textile and Leather		
E-mail address	certex@ns.certex.ro	Direct phone number	0040213404928

	<p>European Technology Platform for the Future of Textiles and Clothing</p> <p>Textile Project Proposal Information Exchange System (TEPPIES)</p>	
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Expression of Interest for Preparation of a Project Proposal

Call Identification			
	Call n°	Opening Date	Closing Date
TEPPIES	01-2009	18/06/2009	04/09/2009
EC	FP7-NMP-2010	30/07/2009	03/11 or 08/12/2009
EC	FP7-ICT-2009	30/07/2009	26/10/2009
Proposer Identification			
Prime proposer organisation	"Gheorghe Asachi" Technical University of Iasi, Romania		
Key industry partners	"Angela International" – (shoe company) Romania		
Key research partners	Universities, Research Institutes, Industry partners		
Proposal Information			
Project acronym (optional)	FIPPTex (Functional Intelligent Personalized Products - Textiles)		
Full project working title	Advanced Materials and Products Designed for Persons with Special Need		
EC workprogramme topic	ICT-2009-3.9 Microsystems and Smart Miniaturised Systems or NMP-2009-3.4-1 Manufacturing systems for 3D-shaped, multilayered products based on flexible materials		
<i>Non-confidential abstract (max. 100 words):</i>			
<p>The FIPPTex project is a complex one which aims to improve the life quality of the persons with locomotor disabilities through the promotion of an inter/transdisciplinary integrative concept of projection/design, which should conduct to the development of intelligent textile products (advanced materials and of highly functional textile products) oriented to the necessities of this disadvantaged category of people. The integration of these textile products in the sensorial system of the neuroprosthesis has also potential in the ambulatory system, with positive consequences on the cut back of the costs involved in the healthcare department when treating the persons with disabilities.</p> <p>The main objective will be the realization of a complex research inters/transdisciplinary activity, which should lead to the creation of new materials (knitted structures and more) for persons with physical disabilities (locomotor). These advanced textile systems will be designed and created in order to contribute to the growth of life quality of the disadvantaged persons.</p> <p>The advanced materials and products will be approached integratively and systematically in order to warrant for their high functionality. The functional textile products (intelligent too) will be developed according to:</p> <ul style="list-style-type: none"> • the requirements of the design process and of the concept „design for all”, on all aesthetic aspects; • the functions imposed by these atypical bodies; • the demands required by the life environment and by the activities specific to people with disabilities. 			
Partner Search (optional)			
Search n°		Partner type	Industry/Research/Other (<i>delete the unnecessary</i>)
<i>Short description of profile (competences required, geographic origin etc., max 100 words):</i>			
Contact for this Expression of Interest			
Title	Ms/Prof/Dr	First name	Antonela
		Name	CURTEZA
Organisation name	"Gheorghe Asachi" Technical University of Iasi, Romania		
E-mail address	acurteza@yahoo.com	Direct phone number	+0745537286

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Expression of Interest for Preparation of a Project Proposal

Call Identification			
	Call n°	Opening Date	Closing Date
TEPPIES	01-2009	18/06/2009	04/09/2009
EC	FP7-NMP-2010	30/07/2009	03/11 or 08/12/2009
EC	FP7-ICT-2009	30/07/2009	26/10/2009

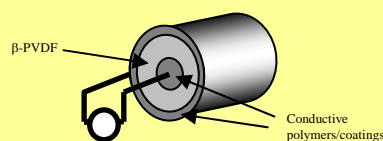
Proposer Identification	
Prime proposer organisation	Swerea IVF
Key industry partners	FOV Fabrics (SME)
Key research partners	

Proposal Information	
Project acronym (optional)	Piezoelectric textile fibers for power sourcing, sensing and actuating and their integration in smart textiles
Full project working title	
EC workprogramme topic	ICT-2009-3.9 Microsystems and Smart Miniaturized Systems (c5: Smart Fabrics and Interactive Textiles)

Non-confidential abstract (max. 100 words):

Poly(vinylidene fluoride) (PVDF) is a polymorphic polymer which, when made to crystallize in its polar form, yields piezo- and piezoelectric properties. In recent years, PVDF has found its way towards intelligent textile applications. Researchers have attempted to create e.g. sensors for cardio respiratory monitoring during sleep to be placed under the bed sheets or integrated into a belt, a wearable sensor to be placed on the fingertips for reading Braille and energy-harvesting devices inside a shoe. In all these examples, sensors were constructed by adding a commercially available PVDF film to a textile material.

The present proposal is a first step to investigate the possibilities of creating an electroactive fibre or yarn for true integration into textile materials. Our hypothesis is that this can be done by means of melt spun co-axial multi-component fibers combining PVDF with conductive polymers and/or coatings, see Figure below. Piezoelectric cables are commercially available (sensors) so the principle seems proven.





The core competence of Swerea is melt spinning of multi-component functional fibers.

Partner Search (optional)

Search	1,2,3.....	Partner type	Industry/Research/Other
<p><i>We are looking for skilled partners interested in: melt processable conductive polymers/nanocomposites and/or conductive coatings, melt spinning of bi-, tri- or multi component fibers and/or filaments, filament coating (all kind of conductive coatings), micro electronics for energy harvesting, accumulation and processor interfacing, producers of P(VDF-TrFE) co-polymers, measurement of piezoelectric properties, simulation/calculation of possible power generation based on material properties of ingoing components, battery development, interfacing fibers/yarns with electronics etc. etc.....</i></p>			

We are also looking for a partner interested in taking on the roll as co-ordinator.

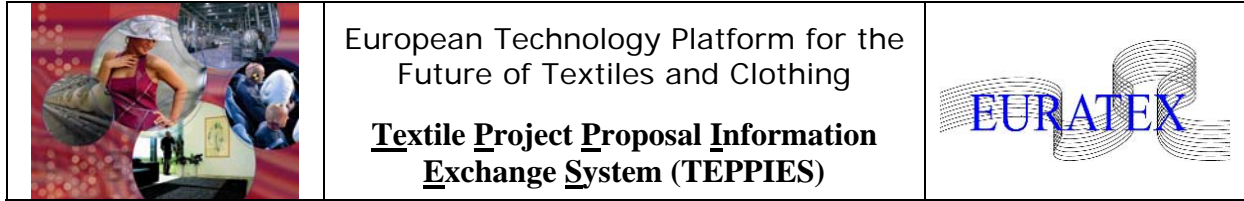
Contact for this Expression of Interest					
Title	Dr	First name	Bengt	Name	Hagström
Organisation name	Swerea IVF				
E-mail address	bengt.hagstrom@swerea.se	Direct phone n°	+46-31-7066362		

	<p>European Technology Platform for the Future of Textiles and Clothing</p> <p><u>Textile Project Proposal Information Exchange System (TEPPIES)</u></p>	
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Expression of Interest for Preparation of a Project Proposal

TEPPIES call n° 01-2009

Call Identification			
	Call n°	Opening Date	Closing Date
TEPPIES	01-2009	18/06/2009	04/09/2009
EC	FP7-NMP-2010	30/07/2009	03/11 or 08/12/2009
EC	FP7-ICT-2009	30/07/2009	26/10/2009
Proposer Identification			
Prime proposer organisation	University of Maribor		
Key industry partners	Textile industries from Europe		
Key research partners	University of Maribor + other institutes (Textile Research Institute, Lodz Poland Małgorzata Matusiak Ph.D.) and textile SMEs		
Proposal Information			
Project acronym (optional)			
Full project working title	Smart materials -Textile materials treated with micro/nano capsules for cosmetotextile applications		
EC workprogramme topic	ICT-2009.3.9: Microsystems and Smart Miniaturised Systems, FP7-ICT-2009-5		
<p><i>Non-confidential abstract (max. 100 words):</i> In the frame of the project we are going to develop the new generation of the innovative textiles - fabrics and clothing (underwear), which will aid the anticellulite treatment and improvement in skin texture. We are going to elaborate the advanced fabrics assuring, firstly, the permanent massage of the parts of women's body afflicted with cellulite and secondly, we are going to elaborate textile materials which will contain and release according to the skin conditions, the chemical substances which stimulate circulation of blood, melt fat, and remove fluid and toxins out of the body.</p>			
Partner Search (optional)			
Search n°		Partner type	Industry/Research/Other (<i>delete the unnecessary</i>)
<p><i>Short description of profile (competences required, geographic origin etc., max 100 words):</i></p>			
Contact for this Expression of Interest			
Title	Mr/Ms/Prof/Dr	First name	Bojana
		Name	Voncina
Organisation name	Textile Department, University of Maribor		
E-mail address	Bojana.voncina@uni-mb.si	Direct phone number	003862 2207911


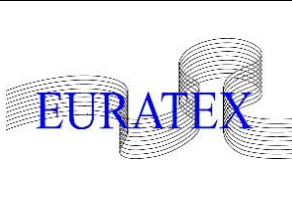


Expressions of Interest

Targeting


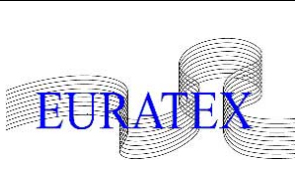
**NMP.2010.3.4-1 Manufacturing systems for
3D-shaped, multilayered products based on
flexible materials**

4 September 2009

	<p>European Technology Platform for the Future of Textiles and Clothing</p> <p>Textile Project Proposal Information Exchange System (TEPPIES)</p>	
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Expression of Interest for Preparation of a Project Proposal



Call Identification			
	Call n°	Opening Date	Closing Date
TEPPIES	01-2009	18/06/2009	04/09/2009
EC	FP7-NMP-2010	30/07/2009	08/12/2009
EC	FP7-ICT-2009	31/07/2009	03/11/2009
Proposer Identification			
Prime proposer organisation	Austrian Institute of Technology GmbH (AIT)		
Key industry partners	Centro Recherche Fiat S.C.p.A (CRF), Van de Wiele (VDW), Parabeam b.v. (PARABEAM), Saertex GmbH & Co. KG (SAERTEX), Teupen Ltd (TEUPEN), Renault Technology Romania (RENAULT), AUDI Germany (AUDI-DE), SINTESI SCPA, SCM Group S.p.A. (SCM), CNH		
Key research partners	Ghent University / CMSE, Technische Universität Dresden(TU-D), University of Manchester (UM), Inegi (INEGI)		
Proposal Information			
Project acronym (optional)	3D-LIGHT-TRANS		
Full project working title	Large scale manufacturing technology for high-performance lightweight 3D multi functional composites		
EC workprogramme topic	NMP-FP7-2010-3.4-1 Manufacturing systems for 3D-shaped, multilayered products based on flexible materials		
<p>In this project proposal a fabrication system for lightweight constructions with a 3D multi-material-design is being pursued in an attempt to obtain greater material and energy efficiency for future mobility applications and mechanical engineering. The research proposed will only target radical advances in new lightweight high performance composite materials (avoiding purely incremental improvements) and will be based on understanding the relationship between composition, processing, microstructure and properties, in particular using advanced engineering and modelling tools. Cost effective processing technologies will be given special attention (improved exploitation of materials by reducing waste, automated handling, fibre placement techniques, preference to infusion processes, heated tooling, processing of complex shapes with integrated function in one step).</p> <p>The present project aims to develop lightweight multi-material composite components and vehicle subsystems enabling:</p> <ul style="list-style-type: none"> • A weight decrease of individual components of greater than 50% compared to the present state of the art of the multi-material component • Resulting in a total weight decrease of the subsystem where such components are employed by minimum 20% • Resulting in projected fuel savings of 10% for the vehicle under consideration • Resulting in noise level reduction of at least 5db for subsystems where a noise reduction is required • A production cost projection for the subsystems equivalent to the present state of the art subsystem <p>The focus of the Project will be on automotive and other areas, which require cost-effective and environmental friendly manufacturing technologies for mass production.</p> <p>Several main application areas are devised, pointed out by the end-users for car production (Audi, Renault), and machinery in general (Sintesi, SCM).</p>			
Partner Search (optional)			
Search n°		Partner type	Industry
<i>Automotive End-users, Producers of manufacturing machinery, Raw materials producers: textiles, fibres, resin</i>			
Contact for this Expression of Interest			
Title	Dr.	First name	Erich
		Name	Kny
Organisation name	AIT Austrian Institute of Technology		
E-mail address	Erich.kny@ait.ac.at	Direct phone number	+00436646207678

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Expression of Interest for Preparation of a Project Proposal

TEPPIES call n° 01-2009

Call Identification			
	Call n°	Opening Date	Closing Date
TEPPIES	01-2009	18/06/2009	04/09/2009
EC	FP7-NMP-2010	30/07/2009	03/11 or 08/12/2009
EC	FP7-ICT-2009	30/07/2009	26/10/2009
Proposer Identification			
Prime proposer organisation	Euratex		
Key industry partners	Specialised technology providers for soft material handling and joining, robotics and factory automation, industrial end users		
Key research partners	D'Appolonia (IT), DIMEC – University of Genova (IT)		
Proposal Information			
Project acronym (optional)			
Full project working title	Next technology generation for European cost-competitive manufacturing of 3D-shaped multilayered products from flexible materials		
EC workprogramme topic	NMP-FP7-2010-3.4-1 Manufacturing systems for 3D-shaped, multilayered products based on flexible materials		
<i>Non-confidential abstract (max. 100 words):</i>			
<p>The project seeks to overcome the remaining technological obstacles for large-scale industrial application of automated manufacturing technologies for clothing and other 3-dimensional multilayered products made of textiles or textile-based flexible materials. Capitalising on research work in fields such as soft-material handling, 3D moulding and automated 3D joining techniques carried out over the last 4 years in the LEAPFROG project, the project will focus on up-scaling, industrial engineering and system integration in close collaboration with key end users. It will also investigate some experimental concepts for further simplification, increased speed and reliability and decreased energy consumption for a future technology generation.</p>			
Partner Search (optional)			
Search n°		Partner type	Industry/Research/Other <i>(delete the unnecessary)</i>
<i>Short description of profile (competences required, geographic origin etc., max 100 words):</i>			
Contact for this Expression of Interest			
Title	Mr	First name	Lutz
		Name	Walter
Organisation name	Euratex		
E-mail address	lutz.walter@euratex.org	Direct phone number	+32-2-2854885

	<p>European Technology Platform for the Future of Textiles and Clothing</p> <p>Textile Project Proposal Information Exchange System (TEPPIES)</p>	
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Expression of Interest for Preparation of a Project Proposal

TEPPIES call n° 01-2009

Call Identification			
	Call n°	Opening Date	Closing Date
TEPPIES	01-2009	18/06/2009	04/09/2009
EC	FP7-NMP-2010	30/07/2009	03/11 or 08/12/2009
EC	FP7-ICT-2009	30/07/2009	26/10/2009
Proposer Identification			
Prime proposer organisation	Faserinstitut Bremen e.V. (Fibre)		
Key industry partners			
Key research partners			
Proposal Information			
Project acronym (optional)			
Full project working title	Continuous produced 3D-shaped textile reinforced structures		
EC workprogramme topic	NMP-2010-3.4-1: Manufacturing systems for 3D-shaped, multilayered products based on flexible materials		
<i>Non-confidential abstract (max. 100 words):</i>			
Development of complete process chain for a continuous production of textile reinforced plastics for 3D-shaped structures with internal stiffeners. Based on a combination of the pultrusion and braiding technology and the use of mandrels. Several fibres in tailored textiles like fabrics or braids will be applied to provide a high degree of component design flexibility for a quick reaction on market demands. This high productive panel manufacturing process leads to an economical and competitive way to use reinforced plastics in new fields to increase efficiency of cars, aircrafts, trains or machines as well as architectural structures.			
Partner Search (optional)			
Search n°	1	Partner type	Industry
<i>Short description of profile (competences required, geographic origin etc., max 100 words):</i>			
- Chemical industry to provide fast curing resin systems (competences in thermoplastic and thermoset resin needed)			
Partner Search (optional)			
Search n°	2	Partner type	Industry
<i>Short description of profile (competences required, geographic origin etc., max 100 words):</i>			
- Pultrusion technology manufacturer (competences in engineering of adequate toolings and equipment)			
Partner Search (optional)			
Search n°	3	Partner type	Industry
<i>Short description of profile (competences required, geographic origin etc., max 100 words):</i>			
- Braiding technology manufacturer (competences in engineering of adequate toolings and equipment)			

Partner Search (optional)			
Search n°	4	Partner type	Industry
<i>Short description of profile (competences required, geographic origin etc., max 100 words):</i>			
- Automation technology manufacturer (competences in engineering of adequate toolings and equipment)			

Partner Search (optional)			
Search n°	5	Partner type	Industry
<i>Short description of profile (competences required, geographic origin etc., max 100 words):</i>			
- Textile Industry (competences in performing and handling technologies)			

Partner Search (optional)			
Search n°	6	Partner type	Industry
<i>Short description of profile (competences required, geographic origin etc., max 100 words):</i>			
- Industry acting in mobility sector (cars, aircrafts, trains)			

Partner Search (optional)			
Search n°	7		
<i>Short description of profile (competences required, geographic origin etc., max 100 words):</i>			
- Industry acting in architectural sector (supplier of structures for bridges and other buildings)			


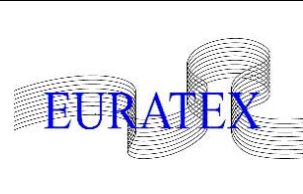
Partner Search (optional)			
Search n°	8	Partner type	Research
<i>Short description of profile (competences required, geographic origin etc., max 100 words):</i>			
- Textile Institute with scientific background in behavior and simulation of textiles during draping and after			

Partner Search (optional)			
Search n°	9	Partner type	Research
<i>Short description of profile (competences required, geographic origin etc., max 100 words):</i>			
- Institute with scientific background in behavior and simulation of resin flow and curing			

Partner Search (optional)			
Search n°	10	Partner type	Research
<i>Short description of profile (competences required, geographic origin etc., max 100 words):</i>			
- Institute with scientific background in dimensioning and simulation (FEM) of reinforced plastics			

Partner Search (optional)			
Search n°	11	Partner type	Research
<i>Short description of profile (competences required, geographic origin etc., max 100 words):</i>			
- Institute with scientific background in simulation of whole process chain for detailed industrialization studies			



Contact for this Expression of Interest					
Title	Mr	First name	Thomas	Name	Schmidt
Organisation name	Faserinstitut Bremen e.V. (Fibre)				
E-mail address	schmidt@faserinstitut.de		Direct phone no.	+49 421 218 9589	

	<p>European Technology Platform for the Future of Textiles and Clothing</p> <p>Textile Project Proposal Information Exchange System (TEPPIES)</p>	
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Expression of Interest for Preparation of a Project Proposal

TEPPIES call n° 01-2009


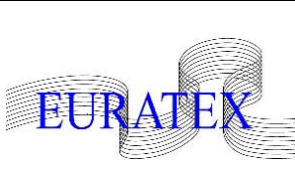
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	Call n°	Opening Date	Closing Date
TEPPIES	01-2009	18/06/2009	04/09/2009
EC	FP7-NMP-2010	30/07/2009	03/11 or 08/12/2009
EC	FP7-ICT-2009	30/07/2009	26/10/2009
Proposer Identification			
Prime proposer organisation	VTT Technical Research Centre of Finland		
Key industry partners	Industrial partner with thermoforming process		
Key research partners	Industrial partners manufacturing textile material structures		
Proposal Information			
Project acronym (optional)			
Full project working title	3D-SHAPED FACE FILTER		
EC workprogramme topic	NMP.2010.3.4-1 Manufacturing systems for 3D-shaped, multilayered products based on flexible materials		
<p><i>Non-confidential abstract (max. 100 words):</i></p> <p>The over-emphasis on wearing face masks is giving people a false sense of safety. Typical globally used surgical mask type face mask only helps to stop droplets from being spread by the person wearing it. It wets soon and protects only a short time.</p> <p>The aim of this project is to develop multifunctional reusable and disposable face masks for various surgical and civil purposes by processing flexible textile material structures direct into final end-product shape. Research will focus to material properties and to filtering properties of nonwoven structures (spunbond, meltblown, needle-punch, thermo-bund, spray-bond, stich-bond, spunlaced, combinations, coated/laminated), woven and knitted structures. These structures will be basic layers to be coated with nanolayers (nano-fibres and nano-particles). Project promotes to prototype and develop face filters with more protective properties with antimicrobial and better filtering and comfort properties (filtration efficiency, pressure drop, filter life and holding capacity).</p>			
Partner Search (optional)			
Search n°		Partner type	Industry/Research/Other <i>(delete the unnecessary)</i>
<p><i>Short description of profile (competences required, geographic origin etc., max 100 words)</i></p> <p>Search 1-5: Industry / Manufacturer of nonwoven fabric (spunbond, meltblown, needle-punch, thermo-bund, spray-bond, stich-bond, spunlaced, combinations, coated/laminated)</p> <p>Search 6-7: Research / Textile filters, textile structures</p> <p>Search 8-9: Research / Filtering properties</p> <p>Search 10-12: Industry / 3D-shape processing</p>			
Contact for this Expression of Interest			
Title	Ms	First name	Salme Name Nurmi
Organisation name	VTT		

E-mail address	Salme.nurmi@vtt.fi	Direct phone number	+358 40 560 6603
	European Technology Platform for the Future of Textiles and Clothing <u>Textile Project Proposal Information Exchange System (TEPPIES)</u>		

Expression of Interest for Preparation of a Project Proposal

TEPPIES call n° 01-2009



Call Identification			
	Call n°	Opening Date	Closing Date
TEPPIES	01-2009	18/06/2009	04/09/2009
EC	FP7-NMP-2010	30/07/2009	08/12/2009
EC	FP7-ICT-2009	30/07/2009	26/10/2009
Proposer Identification			
Prime proposer organisation	Noéton Policy in Innovation BV		
Key industry partners	Available upon request		
Key research partners	Available upon request		
Proposal Information			
Project acronym (optional)	Aeneas		
Full project working title	Advanced and novel applications for comfort related solutions		
EC workprogramme topic	NMP-2010-3.4-1 Manufacturing systems for 3D-shaped, multilayered products based on flexible materials		
The objective of the project is to deliver to shoe manufacturers a validated conceptual framework and design tool for selecting, modifying and engineering materials for footwear used on new surfaces, e.g. as used on artificial grass. This should be based on the development of a holistic model taking into account shock and friction, heat and moisture and damage and bacterial flora on the skin. Responses to these combined challenges may be in the selection of (often hybrid) materials, the localized application of comfort finishes (e.g. controlled releases compounds based on herbal extracts) and the overall engineering of footwear.			
Partner Search (optional)			
Search n°1		Partner type	Industry
Searching for industrial partners, machine manufacturers.			
Submitters are willing to merge with complementary proposal.			
Contact for this Expression of Interest			
Title	Ms	First name	Gintare
		Name	Leonaviciute
Organisation name	Noéton Policy in Innovation BV		
E-mail address	leonaviciute@noeton.nl	Direct phone number	+31610885768

	<p>European Technology Platform for the Future of Textiles and Clothing</p> <p><u>Textile Project Proposal Information Exchange System (TEPPIES)</u></p>	
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Expression of Interest for Preparation of a Project Proposal

TEPPIES call n° 01-2009


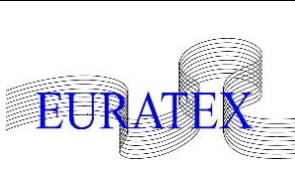
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	Call n°	Opening Date	Closing Date
TEPPIES	01-2009	18/06/2009	04/09/2009
EC	FP7-NMP-2010	30/07/2009	03/11 or 08/12/2009
EC	FP7-ICT-2009	30/07/2009	26/10/2009
Proposer Identification			
Prime proposer organisation	Noéton Policy in Innovation BV		
Key industry partners	TenCate		
Key research partners	Reden BV		
Proposal Information			
Project acronym (optional)	DIGISTAR		
Full project working title	Mainstreaming, digital finishing of flexible materials		
EC workprogramme topic	NMP-2010-3.4-1 Manufacturing systems for 3D-shaped, multilayered products based on flexible materials		
<p>The project aims at digital functionalisation of flat materials. The key concept of the project is the development of industrial continuous processes and manufacturing platforms enabling functionalisation of materials at atmospheric conditions. This will be achieved through a dedicated and localized disposition of minimal quantities of advanced compounds. These compounds are based on a modelized understanding of fundamental physical and chemical parameters involved in the interaction of compounds, disposition methods and substrates. The Digistar project builds up upon the results of the Digitex project (FP6).</p>			
Partner Search (optional)			
Search n°	1	Partner type	Industry/Research
Searching for industrial partners and research organisations within the field described above, also to carry out management tasks.			
Submitters are willing to merge with complementary proposal.			
Contact for this Expression of Interest			
Title	Ms	First name	Gintare
Name	Leonaviciute		
Organisation name	Noéton Policy in Innovation BV		
E-mail address	leonaviciute@noeton.nl	Direct phone number	+31610885678

	<p>European Technology Platform for the Future of Textiles and Clothing</p> <p>Textile Project Proposal Information Exchange System (TEPPIES)</p>	
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Expression of Interest for Preparation of a Project Proposal



TEPPIES call n° 01-2009

Call Identification			
	Call n°	Opening Date	Closing Date
TEPPIES	01-2009	18/06/2009	04/09/2009
EC	FP7-NMP-2010	30/07/2009	03/11 or 08/12/2009
EC	FP7-ICT-2009	30/07/2009	26/10/2009
Proposer Identification			
Prime proposer organisation	Institute of Natural Fibres and Medicinal Plants		
Key industry partners			
Key research partners			
Proposal Information			
Project acronym (optional)			
Full project working title	3D band-aid materials based on cellulosic fibers		
EC workprogramme topic	NMP-FP7-2010-3.4-1 Manufacturing systems for ...		
<i>Non-confidential abstract (max. 100 words):</i>			
<p>The natural cellulosic fibres (flax, hemp, etc.) and man-made (synthesized from, e.g. bamboo) show antibacterial properties, causing no allergenic reaction and a specific synergy with a skin. The innovative system of 100% natural 3-D wound dressing, aided by natural substances improving healing process, will be an effective alternative to traditional one. A special structure of knitting fabric ensuring breathability of treated skin and optimal placement of wound dressing will be developed. The manufacturing system of the 3-D wound dressing will adapt the structure and the composition of active healing substances for particular type of wound.</p>			
Partner Search (optional)			
Search n°		Partner type	Industry/Research/Other <i>(delete the unnecessary)</i>
<i>Short description of profile (competences required, geographic origin etc., max 100 words):</i>			
SME – 3D – knitted fabric producer			
Research centres related to medicine (wound healing)			
Contact for this Expression of Interest			
Title	Dr	First name	Malgorzata
Name	Zimniewska		
Organisation name	Institute of Natural Fibres and Medicinal Plants		
E-mail address	gosiaz@inf.poznan.pl	Direct phone number	+48618455859

	<p>European Technology Platform for the Future of Textiles and Clothing</p> <p>Textile Project Proposal Information Exchange System (TEPPIES)</p>	
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Expression of Interest for Preparation of a Project Proposal


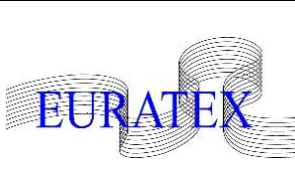
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	Call n°	Opening Date	Closing Date		
TEPPIES	01-2009	18/06/2009	04/09/2009		
EC	FP7-NMP-2010	30/07/2009	08/12/2009		
EC	FP7-ICT-2009	31/07/2009	03/11/2009		
Proposer Identification					
Prime proposer organisation	The Research-Development National Institute for Textile and Leather (INCDTP) Bucharest				
Key industry partners	Two Romanian SME				
Key research partners	Sächsisches Textilforschungsinstitut e.V. (STFI)				
Proposal Information					
Project acronym (optional)	3D-AGRO-COVER				
Full project working title	3D-SHAPED AND FLAT TEXTILE MATERIALS FOR MULCHING/ GRASSLAND RECONSTRUCTION AND 3D-SHAPED MANUFACTURED COVERING MADE OF THESE NEW MATERIALS				
EC workprogramme topic	NMP.2010.3.4-1 Manufacturing systems for 3D-shaped, multilayered products based on flexible materials				
<p><i>Non-confidential abstract (max. 100 words):</i> INCDTP accumulated experience in the designing, accomplishing and experimenting, under real utilization conditions, of the functional woven/ knitted agro-textiles for different applications as plant protection (against excessive heat, wind, hail, rain, insects, birds), mulching, greenhouse shading, climbing plant supporting, The project objectives are:</p> <ul style="list-style-type: none"> • The new 3D-shaped and flat textile structures for mulching/ grassland reconstruction designing, accomplishing and complex testing; the 3D-shaped textile fabric will have an increased contact surface with the soil, will better retain the soil particles, so that will be more functional than an flat ones, for mulching, grassland reconstruction, soil stabilization; • The 3D-shaped manufactured covering designing, accomplishing (from the new single/multilayered textile materials), and experimenting, under real utilization conditions, in agriculture; the irrigation water, energy and man-power amounts will decrease at the mulched crops; also, the grass plants will have enough soil and will grow better in the windy areas; • The establishing of the specific application conditions (crop type, small farms, gardening, etc). • The project original results patenting and communicating. 					
Partner Search (optional)					
Search n°	Partner type	Industry/Research/Other			
<p><i>Short description of profile (competences required, geographic origin etc., max 100 words):</i></p> <ul style="list-style-type: none"> • European research and academic units from textiles and agriculture field; • European SME from the mentioned fields; • European consultancy and technological transfer units. 					
Contact for this Expression of Interest					
Title	Mr/Ms/Prof/Dr	First name	MARIA	Name	DAN
Organisation name	The Research-Development National Institute for Textile and Leather (INCDTP) Bucharest				
E-mail address	certex@ns.certex.ro; dan_maria2005@yahoo.com	Direct phone number	0040213404928		

	<p>European Technology Platform for the Future of Textiles and Clothing</p> <p><u>Textile Project Proposal Information Exchange System (TEPPIES)</u></p>	
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Expression of Interest for Preparation of a Project Proposal


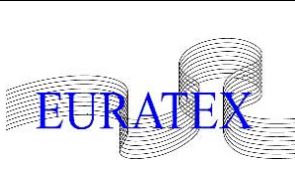
TEPPIES pre-call n° 01-2009

Call Identification			
	Call n°	Opening Date	Closing Date
TEPPIES	01-2009	18/06/2009	04/09/2009
EC	FP7-NMP-2010	30/07/2009	08/12/2009
EC	FP7-ICT-2009	31/07/2009	03/11/2009
Proposer Identification			
Prime proposer organisation			
Key industry partners			
Key research partners	The Research Development National Institute for Textile and Leather		
Proposal Information			
Project acronym (optional)			
Full project working title	Integrated systems of protective composites		
EC workprogramme topic	NMP.2010.3.4-1 Manufacturing systems for 3D-shaped, multilayered products based on flexible materials		
<i>Non-confidential abstract (max. 100 words):</i>			
<p>The project intended to develop an integrated system of protective composites incorporating novel technologies and materials through a rational build/test/design/optimize approach to provide: individual reactive/ protective fabric as components and integrated protective layered systems.</p> <p>The project will use reactive chemicals attached to the fabrics for detoxification of chemical contaminants, membranes to allow cooling through sweat evaporation along with chemical protection, new adsorbents to replace carbon in protective fabrics, and smart materials that sense and adapt fabric properties in the presence of an agent threat.</p> <p>The research includes developments of adaptable manufacturing systems for the accomplishing of integrated systems of protective composites</p>			
Partner Search (optional)			
Search n°		Partner type	Industry/Research/Other <i>(delete the unnecessary)</i>
<i>Short description of profile (competences required, geographic origin etc., max 100 words):</i>			
<p>Research Institutes with expertise in the field of designing and accomplishing of textile or/and PPE. Producer or research centers for special polymers (reactive membranes, reactive adsorbants, etc) Producer with expertise in machine tools, machine automation and processing of flexible composite textile</p>			
Contact for this Expression of Interest			
Title	Ms	First name	Toma
Name	Doina		
Organisation name	The Research Development National Institute for Textile and Leather		
E-mail address	certex@ns.certex.ro	Direct phone number	0040213404928

	<p>European Technology Platform for the Future of Textiles and Clothing</p> <p>Textile Project Proposal Information Exchange System (TEPPIES)</p>	
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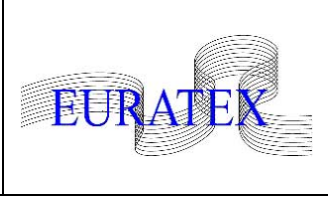
Expression of Interest for Preparation of a Project Proposal

Call Identification					
	Call n°	Opening Date	Closing Date		
TEPPIES	01-2009	18/06/2009	04/09/2009		
EC	FP7-NMP-2010	30/07/2009	08/12/2009		
EC	FP7-ICT-2009	31/07/2009	03/11/2009		
Proposer Identification					
Prime proposer organisation	The National Research&Development Institute for Textile and Leather - INCDTP				
Key industry partners	NEuropa Group - Zaragoza, Spain Grado Zero Espace SRL – Italy Aero Sekur S.p.A - Italy Producers of textile structures and aero structures				
Key research partners	INCAS National Institute for Aerospace Research "Elie Carafoli", Romania UPB Polytechnic University of Bucharest, Romania				
Proposal Information					
Project acronym (optional)	TxAS				
Full project working title	Advanced Textile for Aerostructures				
EC work programme topic	NMP-FP7-2010-3.4-1 Manufacturing systems for 3D shaped, multilayered products based on flexible materials - LA				
<i>Non-confidential abstract (max. 100 words):</i>					
<p>The project will develop advanced textile structures with high-strength, light-weight and high performances for a new generation of light-weight aero structures, for civil and military applications. The research is focused on different aspects of textile materials structures and is aimed at understanding the mechanic, elastic and aerodynamic phenomena and their behavior in different environment and exploitation conditions. The project develops the computational methods to characterize, predict and simulate these phenomena. New algorithms are being developed and applied for develop a computational analysis and virtual simulation of textile and aero structures.</p> <p>The innovation of the project will be the algorithms and the devote software modules for analyze the elastic and aerodynamic behavior of the textile structures.</p> <p>New concepts for design and highly adaptable manufacturing systems will be develop in order to increase the trust in products performances and for rapid customised and personalised products.</p>					
Partner Search (optional)					
Search n°1		Partner type	Research		
<i>Short description of profile (competences required, geographic origin etc., max 100 words):</i>					
Research partners with expertise in the field of fibers, polymeric, textiles, ICT and aerodynamic.					
Partner Search (optional)					
Search n° 2		Partner type	Industry/ Other		
SMEs- Manufactures of textile structures, coated surfaces and aero structures.					
Contact for this Expression of Interest					
Title	Ms	First name	Claudia	Name	Niculescu
Organisation name	The National Research-Development Institute for Textile and Leather				
E-mail address	certex@ns.certex.ro	Direct phone number	++4021 3404928		

	<p>European Technology Platform for the Future of Textiles and Clothing</p> <p>Textile Project Proposal Information Exchange System (TEPPIES)</p>	
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Expression of Interest for Preparation of a Project Proposal

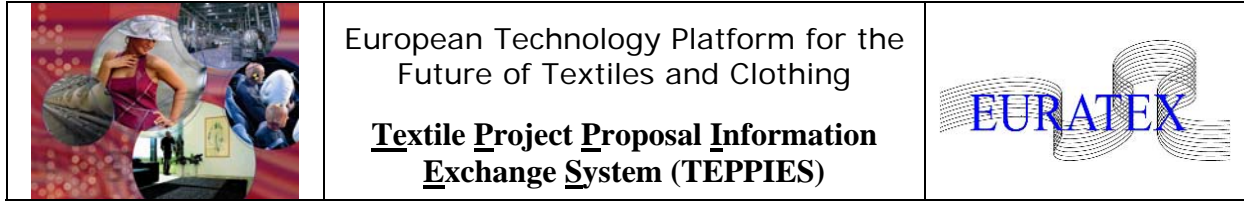
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EC	FP7-NMP-2010	30/07/2009	08/12/2009		
EC	FP7-ICT-2009	31/07/2009	03/11/2009		
Proposer Identification					
Prime proposer organisation	The Research-Development National Institute for Textile and Leather (INCDTP) Bucharest				
Key industry partners	Two Romanian SME				
Key research partners	National Institute for Wood (INL) Bucharest				
Proposal Information					
Project acronym (optional)	3D-WOOD-COMPOSITE				
Full project working title	WOOD COMPOSITE REINFORCED WITH 3D-SHAPED AND/OR FLAT MULTILAYERED TEXTILE MATERIALS AND FUNCTIONAL FLAT/ 3D-SHAPED WOOD PRODUCTS MADE OF THESE NEW MATERIALS				
EC workprogramme topic	NMP.2010.3.4-1 Manufacturing systems for 3D-shaped, multilayered products based on flexible materials				
<p><i>Non-confidential abstract (max. 100 words):</i> INCDTP accumulated experience in the designing, accomplishing and testing of the functional woven reinforcements for laminated wood boards and MDF type boards. The project objectives are:</p> <ul style="list-style-type: none"> • The durable new 3D-shaped and flat textile structures, for wood board reinforcing, designing, accomplishing and complex testing; the 3D-shaped textile fabric will have an increased functional contact surface for the reinforcing of the wood fibre and polymer mixture, in the MDF-type boards; the new flat textile fabric will be used as single/multilayered reinforcements of the wood laminated boards. • The laminated wood boards and MDF type composite boards designing, accomplishing (from the new single/multilayered textile materials), complex testing and forming, as functional flat/ 3D-shaped wood products (indoor/outdoor furniture pieces, outdoor constructions, etc); • The new wood products experimenting, under real utilization conditions; • The project original results patenting and communicating. 					
Partner Search (optional)					
Search n°		Partner type	Industry/Research/Other (delete the unnecessary)		
<p><i>Short description of profile (competences required, geographic origin etc., max 100 words):</i></p> <ul style="list-style-type: none"> • European research and academic units from textiles and wood processing fields; • European SME from the mentioned fields; • European consultancy and technological transfer units. 					
Contact for this Expression of Interest					
Title	Mr/Ms/Prof/Dr	First name	MARIA	Name	DAN
Organisation name	The Research-Development National Institute for Textile and Leather (INCDTP) Bucharest				
E-mail address	certex@ns.certex.ro; dan_maria2005@yahoo.com		Direct phone number	0040213404928	

	<p>European Technology Platform for the Future of Textiles and Clothing</p> <p><u>Textile Project Proposal Information Exchange System (TEPPIES)</u></p>	
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Expression of Interest for Preparation of a Project Proposal

TEPPIES call n° 01-2009

Call Identification			
	Call n°	Opening Date	Closing Date
TEPPIES	01-2009	18/06/2009	04/09/2009
EC	FP7-NMP-2010	30/07/2009	03/11 or 08/12/2009
EC	FP7-ICT-2009	30/07/2009	26/10/2009
Proposer Identification			
Prime proposer organisation	NWtexnet		
Key industry partners	Lancashire Textile Manufacturers Association		
Key research partners	North West Aerospace Alliance, University of Manchester		
Proposal Information			
Project acronym (optional)			
Full project working title	Design, Manufacture and Modelling of Composites from Shaped 3D Solid Textiles		
EC workprogramme topic	NMP.2010.3.4-1 Manufacturing systems for 3D-shaped, multilayered products based on flexible materials		
<p><i>Non-confidential abstract (max. 100 words):</i></p> <p>This project will redefine the state of the art in terms of the design, manufacture and modelling of composites from 3D solid textile architectures with complex geometries. The overall aim of the project is to establish a design and manufacturing platform for composites made from 3D solid textile fabrics with complex and variable cross-sectional shapes, enabling textile composite components to be tailored to meet specified property requirements. It will also build capability in the textile supply chain by involving technical textile weavers in the design and manufacture of the 3D fabrics.</p>			
Partner Search (optional)			
Search n°		Partner type	Industry/Research/Other <i>(delete the unnecessary)</i>
<p><i>Short description of profile (competences required, geographic origin etc., max 100 words):</i></p>			
Contact for this Expression of Interest			
Title	Mr	First name	Steve
Organisation name	NWtexnet		
E-mail address	steve.kay@nwtexnet.co.uk	Direct number	phone +44 795 833 8969


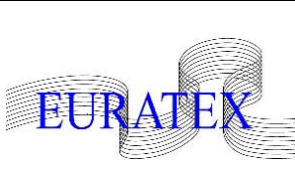


Expressions of Interest

Targeting

**FoF.NMP.2010-2 Supply chain approaches
for small series industrial production**


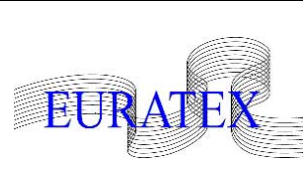
4 September 2009

	<p>European Technology Platform for the Future of Textiles and Clothing</p> <p>Textile Project Proposal Information Exchange System (TEPPIES)</p>	
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Expression of Interest for Preparation of a Project Proposal

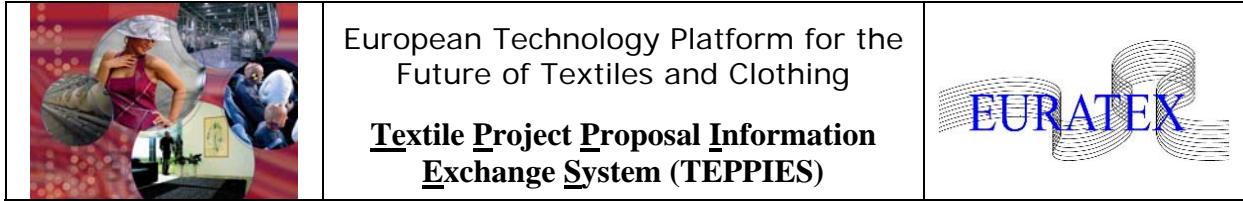
TEPPIES call n° 01-2009

Call Identification			
	Call n°	Opening Date	Closing Date
TEPPIES	01-2009	18/06/2009	04/09/2009
EC	FP7-NMP-2010	30/07/2009	03/11 or 08/12/2009
EC	FP7-ICT-2009	30/07/2009	26/10/2009
Proposer Identification			
Prime proposer organisation	VTT Technical Research Centre of Finland		
Key industry partners			
Key research partners			
Proposal Information			
Project acronym (optional)			
Full project working title	BACKYARD TEXTILE FACTORY		
EC workprogramme topic	FoF.NMP.2010-2 Supply chain approaches for small series industrial production		
<p><i>Non-confidential abstract (max. 100 words):</i></p> <p>The general aim of this project is to handle minor material flows (waste) of textile industries, their maximal exploitation by recycling and re-use in small scale and short manufacturing process on fibre-based textile structures for new end-products and end-use, observing the whole product life-cycle focusing to modelling new business activities of textiles. Case-studies focus to analyze the possibility to use waste materials for recycling and new end-products in the frame of back-yard factory observing the total economy and sustainable development and use.</p>			
Partner Search (optional)			
Search n°		Partner type	Industry/Research/Other <i>(delete the unnecessary)</i>
<p><i>Short description of profile (competences required, geographic origin etc., max 100 words):</i></p> <p>Search: Industry / Factories of textile and clothing industry (spinning textile fibres, weaving of textile yarns, finishing of textiles, knitted fabrics, nonwovens and articles made from nonwovens, coated/laminated fabrics, carpets, manufacture of wearing apparel and dressing.</p> <p>Research: Business modelling</p>			
Contact for this Expression of Interest			
Title	Ms	First name	Salme
		Name	Nurmi
Organisation name	VTT		
E-mail address	Salme.nurmi@vtt.fi	Direct phone number	+358 40 560 6603

	<p>European Technology Platform for the Future of Textiles and Clothing</p> <p><u>Textile Project Proposal Information Exchange System (TEPPIES)</u></p>	
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Expression of Interest for Preparation of a Project Proposal

Call Identification			
	Call n°	Opening Date	Closing Date
TEPPIES	01-2009	18/06/2009	04/09/2009
EC	FP7-NMP-2010	30/07/2009	08/12/2009
EC	FP7-ICT-2009	31/07/2009	03/11/2009
Proposer Identification			
Prime proposer organisation	The National Research&Development Institute for Textile and Leather - INCDTP		
Key industry partners	Pera Spain part of Pera Group, Spain NUMA Engineering Services Ltd., Ireland Computational Fluids and Structures Engineering (CFSE), Switzerland Technologies for Communication and Information (TTI), Spain IBK Ingenieurburo, Germany		
Key research partners	CIMNE International Centre for Numerical Methods in Engineering, Spain INCAS National Institute for Aerospace Research "Elie Carafoli", Romania UPB Polytechnic University of Bucharest, Romania		
Proposal Information			
Project acronym (optional)	PARASOFT		
Full project working title	Network embedded, parallel processing system for parachute design		
EC workprogramme topic	PPP1-NMP-2010-2		
<p>Design of a software/hardware chain system that can provide: a comprehensive digital model prior of manufacturing; provide a virtual testing bed for the concept parachute; shortens the time between concept and effective prototype manufacture by the use of computer assisted machinery.</p> <p>Topics to be taken into consideration:</p> <ul style="list-style-type: none"> - Turbulent flow prediction, vortices formation and influence on drag characteristics, searching means for increase the drag and/or lift for better performance; - Inflation stages progression, geometrical modeling of the inflation stages especially for ram-air chutes, searching means for pre flight simulation of new design concepts; - Opening shock and snatch force progression during deployment, reefing systems influence and effectiveness, searching means for reducing these forces. - Software and hardware for controlling the production cycle, CAD/CAM processing and manufacture. 			
Partner Search (optional)			
Search n°		Partner type	Industry/Research/Other (<i>delete the unnecessary</i>)
<p>The project needs research or academic partners and/or interested industry partners, which have expertise in this field to carry out these tasks in form of a targeted research proposal.</p> <p>The project raises a series of engineering problems that can be solved only if the work is strictly between highly specialized partners in these main areas: Aeronautics, Software Engineering and Computational Machinery.</p> <p>Also we seek EU partners from other countries other then Spain or Romania since we have interested partners from these countries.</p>			
Contact for this Expression of Interest			
Title	Mr	First name	Adrian Salistean
Organisation name	The National Research-Development Institute for Textile and Leather		
E-mail address	certex@ns.certex.ro	Direct phone number	++4021 3404928


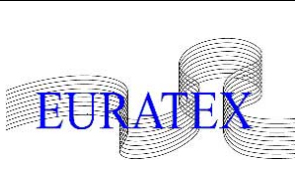


Expressions of Interest

Targeting

Various FP7 2009 call topics


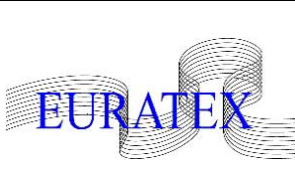
4 September 2009

	<p>European Technology Platform for the Future of Textiles and Clothing</p> <p>Textile Project Proposal Information Exchange System (TEPPIES)</p>	
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Expression of Interest for Preparation of a Project Proposal

TEPPIES call n° 01-2009


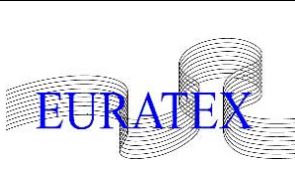
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	Call n°	Opening Date	Closing Date
TEPPIES	01-2009	18/06/2009	04/09/2009
EC	FP7-ICT-2009	30/07/2009	26/10/2009
Proposer Identification			
Prime proposer organisation	IFTH		
Key industry partners	UK motion capture suite manufacturer		
Key research partners			
Proposal Information			
Project acronym (optional)	Apsara		
Full project working title	Motion learning suite		
EC workprogramme topic	ICT-2009-4.2 Technology Enhanced Learning		
<p><i>Non-confidential abstract (max. 100 words):</i></p> <p>Truly wearable instrumented garments, capable of recording body kinematic maps and guide the body position with no discomfort for the subject and negligible artefacts caused by sensor-body mechanical mismatch, are crucial for several fields of application.</p> <p>In most application of motion capture suite the bottleneck is given by devices too cumbersome and invasive for the subject as well as too expensive.</p> <p>The aim of the project is to develop a suite including low cost comfortable motion capture sensors and vibrating actuators for correction of the subject's position.</p> <p>The system should be extremely inexpensive, with hardware cost on the order of tens of hundred Euros, as opposed to tens of thousands of Euros for most of conventional camera-based or gyroscope systems for motion capture.</p> <p>Applications are advances special effect for movies, injure rehabilitation, serious games, tele-operation and sport training (gymnastic, tai chi..).</p> <p>The aim is to capture, record and guide the movement of the body for learning gesture, traditional expertise (a knack) etc...</p> <p>One of the main breakthroughs is the development of a low-cost reliable electrogoniometer wire easy to integrate to clothes.</p>			
Partner Search (optional)			
Search n°	1	Partner type	Research
R&D centre expert in motion capture, sensors, body motion software...			
Search n°		Partner type	Research
R&D centre expert in smart textile and motion capture			
Search n°		Partner type	Industry
Industrial expert in learning software for development of commercial application demonstrators			
Contact for this Expression of Interest			
Title	Dr	First name	Philippe
Name	Guermonprez		
Organisation name	IFTH		
E-mail address	pguermonprez@ifth.org	Direct phone number	+33 3 20 19 74 41

	<p>European Technology Platform for the Future of Textiles and Clothing</p> <p>Textile Project Proposal Information Exchange System (TEPPIES)</p>	
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Expression of Interest for Preparation of a Project Proposal

TEPPIES call n° 01-2009


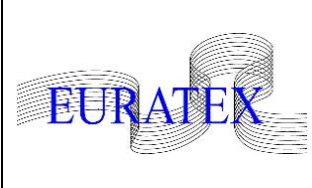
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TEPPIES	01-2009	18/06/2009	04/09/2009
EC	FP7-NMP-2010	30/07/2009	03/11 or 08/12/2009
EC	FP7-ICT-2009	30/07/2009	26/10/2009
Proposer Identification			
Prime proposer organisation	IFTH : French Institute for Textiles and Apparel		
Key industry partners			
Key research partners			
Proposal Information			
Project acronym (optional)	radtex		
Full project working title	Radiation cured concepts for the textile industry		
EC workprogramme topic	ICT-2009-X.X or NMP-2009-X.X-X <title>		
<i>Non-confidential abstract (max. 100 words):</i>			
<p><i>Radiation-cured technologies are widely used in order to decrease energy costs and improve overall performances. However, the textile industries rarely use this technology due to lack of experimental resultants proving its efficiency. The project aims at defining coating techniques using the radiation cured technologies for textile applications for different substrates (woven, knitted, nonwoven, yarn...).</i></p>			
Partner Search (optional)			
Search n°		Partner type	Industry/Research/Other (<i>delete the unnecessary</i>)
<i>Short description of profile (competences required, geographic origin etc., max 100 words):</i>			
We are currently looking for European industries with experience in radiation-cured formulations			
Contact for this Expression of Interest			
Title	Mr/Ms/Prof/Dr	First name	Alice
		Name	Baillié
Organisation name	IFTH		
E-mail address	abaillie@ifth.org	Direct phone number	++33(0)320197461

	<p>European Technology Platform for the Future of Textiles and Clothing</p> <p><u>Textile Project Proposal Information Exchange System (TEPPIES)</u></p>	
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Expression of Interest for Preparation of a Project Proposal

TEPPIES call n° 01-2009


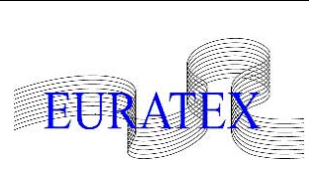
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EC	FP7-NMP-2010	30/07/2009	03/11 or 08/12/2009
EC	FP7-ICT-2009	30/07/2009	26/10/2009
Proposer Identification			
Prime proposer organisation	FAZ Innovation, ITALY on behalf of ...		
Key industry partners	SME active in linen, Italy		
Key research partners			
Proposal Information			
Project acronym (optional)			
Full project working title	Knowledge of market evolution from soft data		
EC workprogramme topic	ICT-2009.4.3: Intelligent Information Management Or ICT-2009.1.3: Internet of Things and Enterprise environments		
<i>Non-confidential abstract (max. 100 words):</i> The goal will be to develop and validate models of social/human behaviour to be extracted from data analysis of human interaction (for example internet use) or data collected from market research analysis of statistic results and data collection, to forecast consumers preferences. Implementation of a system capable to deliver such information so to target products to markets in a reduced time span.			
Partner Search (optional)			
Search n°		Partner type	Industry/Research/Other <i>(delete the unnecessary)</i>
<i>Short description of profile (competences required, geographic origin etc., max 100 words):</i> 			
Contact for this Expression of Interest			
Title	Mr/Ms/Prof/Dr	First name	Massimo
		Name	Sparpaglione
Organisation name	FAZ Innovation		
E-mail address	massimo@sparpaglione.it	Direct phone number	+393334272193

	<p>European Technology Platform for the Future of Textiles and Clothing</p> <p><u>Textile Project Proposal Information Exchange System (TEPPIES)</u></p>	
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Expression of Interest for Preparation of a Project Proposal

TEPPIES call n° 01-2009


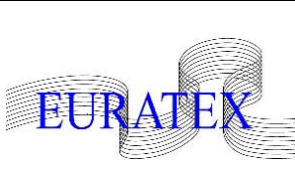
Call Identification			
	Call n°	Opening Date	Closing Date
TEPPIES	01-2009	18/06/2009	04/09/2009
EC	FP7-NMP-2010	30/07/2009	03/11 or 08/12/2009
EC	FP7-ICT-2009	30/07/2009	26/10/2009
Proposer Identification			
Prime proposer organisation	FAZ Innovation		
Key industry partners	Company active in additives for the industry and SME active in technical textiles		
Key research partners			
Proposal Information			
Project acronym (optional)			
Full project working title	Surface transformations to enhance textile thermal behaviour		
EC workprogramme topic	NMP.2010.4.0-3 High throughput technologies for the development of formulated products		
<p><i>Non-confidential abstract (max. 100 words):</i> The goal will be to develop methods and technologies to get formulations to be used in the finishing process of textiles. Research focus on two main areas of application: flame retardant and thermal insulation. Develop formulations with synergic surface action</p>			
Partner Search (optional)			
Search n°		Partner type	Industry/Research/Other <i>(delete the unnecessary)</i>
<p><i>Short description of profile (competences required, geographic origin etc., max 100 words):</i></p>			
Contact for this Expression of Interest			
Title	Dr	First name	Massimo
		Name	Sparpaglione
Organisation name	FAZ Innovation		
E-mail address	massimo@sparpaglione.it	Direct number	phone +393334272193

	<p>European Technology Platform for the Future of Textiles and Clothing</p> <p><u>Textile Project Proposal Information Exchange System (TEPPIES)</u></p>	
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Expression of Interest for Preparation of a Project Proposal

TEPPIES call n° 01-2009

Call Identification					
	Call n°	Opening Date	Closing Date		
TEPPIES	01-2009	18/06/2009	04/09/2009		
EC	FP7-NMP-2010	30/07/2009	03/11 or 08/12/2009		
EC	FP7-ICT-2009	30/07/2009	26/10/2009		
Proposer Identification					
Prime proposer organisation	Technical University of Lodz, Faculty of Material Technologies and Textile Design				
Key industry partners					
Key research partners					
Proposal Information					
Project acronym (optional)					
Full project working title	Smart cellulose nanofibers				
EC workprogramme topic	???				
<p><i>Non-confidential abstract (max. 200 words):</i> Study of cellulose solutions and their applications to smart nanofibers production. The polymer solutions for nanofiber manufacture could possibly contain nanomodifiers. The research will be focused on the obtain smart nanofibers used for special textiles products for medical and technical applications.</p>					
Partner Search (optional)					
Search n°		Partner type	Industry/Research/Other <i>(delete the unnecessary)</i>		
<p><i>Short description of profile (competences required, geographic origin etc., max 100 words):</i> Any country for coordination of the project.</p>					
Contact for this Expression of Interest					
Title	Prof	First name	Bogumil	Name	Laszkiewicz
Organisation name	Technical University of Lodz, Man-Made Fibers Department, POLAND				
E-mail address	bogumil.laszlkiewicz@p.lodz.pl		Direct phone number	0-48-42-631-33-58	

	<p>European Technology Platform for the Future of Textiles and Clothing</p> <p><u>Textile Project Proposal Information Exchange System (TEPPIES)</u></p>	
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Expression of Interest for Preparation of a Project Proposal

Call Identification					
	Call n°	Opening Date	Closing Date		
TEPPIES	01-2009	18/06/2009	04/09/2009		
EC	FP7-NMP-2010	30/07/2009	08/12/2009		
EC	FP7-ICT-2009	31/07/2009	03/11/2009		
Proposer Identification					
Prime proposer organisation	The National Research&Development Institute for Textile and Leather - INCDTP				
Key industry partners	Helicopter manufacturers				
Key research partners	Grado Zero Espace Srl, Italy; The Clinical Emergency Hospital „Bagdasar-Arseni”, Romania; The Mechanical Engineering And Research Institute, Romania; Aero structures Research Centre				
Proposal Information					
Project acronym (optional)	CO-SA-HEL				
Full project working title	Concept for Improved Safety of Helicopters				
EC workprogramme topic	FP7- AAT.2010.3.3-1. Aero structures				
<i>Non-confidential abstract (max. 100 words):</i>					
<p>This concept represents the starting point for the design, creation, testing and validation of an innovative model of rescue equipment, meant to increase the security of helicopters.</p> <p>In case of helicopter operations which are connected with other emergency medical assistance – it is the main aircraft used for this particular application field – the causes of accidents are complex: inadequate terrain configuration (given that some flights must be performed at very low altitude, there is a real risk for collision with high buildings, bridges, trees, electrical poles/ wires), low visibility (night, fog), turbulences/ violent air currents, snow, etc.</p> <p>The project is multidisciplinary and its achievement will involve the collaboration of top specialists from the fields of technological engineering (mechanic, textile, aircrafts) and medicine (including emergency interventions management).</p>					
Partner Search (optional)					
Search n°		Partner type	Industry		
Helicopter manufacturers; Rescue equipment for aircraft manufacturers.					
Search n°		Partner type	Research		
Research or academic partners with expertise in the textile structures and design of rescue equipment for airship.					
Search n°		Partner type	Other		
Partner with expertise in advanced methods and techniques for experimental validation of rescue equipment for aircraft.					
Contact for this Expression of Interest					
Title	Mr/Ms/Prof/Dr	First name	Salistean	Name	Adrian
Organisation name	The National Research-Development Institute for Textile and Leather				
E-mail address	certex@ns.certex.ro	Direct phone number	+4021 3404928		