


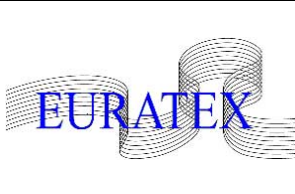
## Expressions of Interest

### Targeting

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

### **Additional submissions received Between 5 Sept. and 24 Sept. 2009**

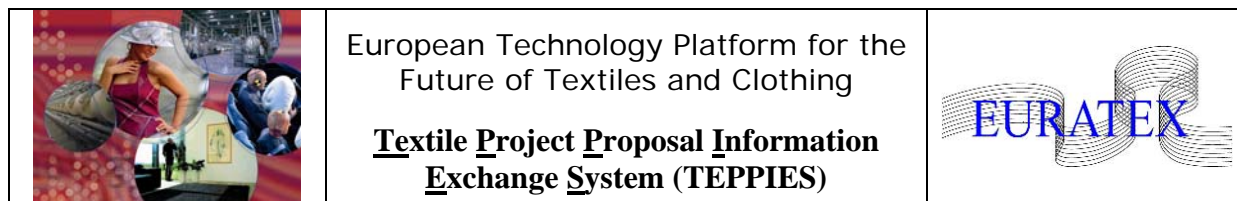
For the original set of TEPPIES addressing this programme topic submitted before 5<sup>th</sup> Sept. please consult the file “TEPPIES-01-2009\_all responses\_04-09-2009” in the Document Library of the internal members part of [www.textile-platform.eu](http://www.textile-platform.eu) (see folder ETP General/Documents and Publication/TEPPIES/Call 01-2009)

	<p>European Technology Platform for the Future of Textiles and Clothing</p> <p><b>Textile Project Proposal Information Exchange System (TEPPIES)</b></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	<b>04/09/2009</b>		
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	Asesoría I+D+I, AIDI ( <a href="mailto:mmahr@asesoria-imasdmasi.com">mmahr@asesoria-imasdmasi.com</a> )				
Key industry partners	Manufacturer/Germany				
Key research partners	AIDI, Univ. Ulster/Nibec, Univ. Virgili, ITCL, Centexbel, FhG IZM, Hospital/Medical Society, others				
Proposal Information					
Project acronym (optional)	NANOCARE				
Full project working title	"Nanotextiles to detect, protect and combat superbugs at healthcare settings"				
EC workprogramme topic	ICT-2009.3.9: Microsystems and Smart Miniaturized Systems; c) Application-specific microsystems and smart miniaturized systems; 5) Smart Fabrics and Interactive Textiles (SFIT)				
<p><i>Non-confidential abstract (max. 100 words):</i> Healthcare associated infections (HCAIs) are infections transmitted to patients (and healthcare workers) as a result of healthcare procedures, in hospital and other healthcare settings. Recent years have seen an increase in the awareness of HCAIs, in particular those caused by antibiotic-resistant 'superbugs', mainly bacteria. NANOCARE aims at the development and embedding of advanced micro/nanotechnologies for multifunctional healthcare textiles to diagnose and actuate against diverse types of superbugs, therefore finally protect and contribute to improve the hospital control measures before infections occur, and consequently reduce associated direct and indirect costs.</p>					
Partner Search (optional)					
Search n°	tbd	Partner type	Mainly Industry, SME		
<i>Short description of profile (competences required, geographic origin etc., max 100 words):</i>					
Contact for this Expression of Interest					
Title	Mr	First name	Mahr	Name	Mario
Organisation name	Asesoría I+D+I				
E-mail address	<a href="mailto:mmahr@asesoria-imasdmasi.com">mmahr@asesoria-imasdmasi.com</a>		Direct phone number	+34915237345	




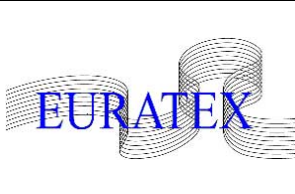
## Expressions of Interest

### Targeting

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

**Additional submissions received  
Between 5 Sept. and 24 Sept. 2009**



For the original set of TEPPIES addressing this programme topic submitted before 5<sup>th</sup> Sept. please consult the file “TEPPIES-01-2009\_all responses\_04-09-2009” in the Document Library of the internal members part of [www.textile-platform.eu](http://www.textile-platform.eu) (see folder ETP General/Documents and Publication/TEPPIES/Call 01-2009)

	<p>European Technology Platform for the Future of Textiles and Clothing</p> <p><b>Textile Project Proposal Information Exchange System (TEPPIES)</b></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	<b>04/09/2009</b>		
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	BASF SE, Germany				
Key industry partners					
Key research partners	DWI, Aachen, Germany RWTH, Aachen, Germany				
Proposal Information					
Project acronym (optional)					
Full project working title	Nonwoven Adhesive from Bicomponent Fibres for New Textile Assembly				
EC workprogramme topic	<b>NMP.2010.3.4-1 Manufacturing systems for 3D-shaped, multilayered products based on flexible materials</b>				
<p><i>Non-confidential abstract (max. 100 words):</i>  Nonwoven adhesive will be made of core-sheath fibres with micrometer dimensions, in which the core provides high cohesion of material while retaining high degree of flexibility, and the sheath can be selectively heated/cured by incorporation of IR- or <math>\mu</math>-wave susceptors or UV-initiators.  The fibres should be used to assemble technical textiles: gluing instead of sewing. Possible applications may be air- or water-proof textiles (e.g. airbags, truck covers). Advantage: The local heating/curing will reduce stress to textile during assembly process.</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>  <b>Industry</b> – fiber/yarn manufacturer; textile assembly; application testing  <b>Academia</b> – expertise in melt co-extrusion and melt electrospinning; characterization: single fibers and textile assemblies (e.g. Prof. M. Möller, DWI; Prof. Th. Gries, RWTH)  <b>BASF</b> – development of core's and sheath's material; broad expertise in synthesis, characterization and engineering</p>					
Contact for this Expression of Interest					
Title	Dr	First name	Dieter	Name	Urban
Organisation name	BASF SE				
E-mail address	dieter.urban@basf.com		Direct phone number	49 621 60 21512	

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

TEPPIES call n° 01-2009

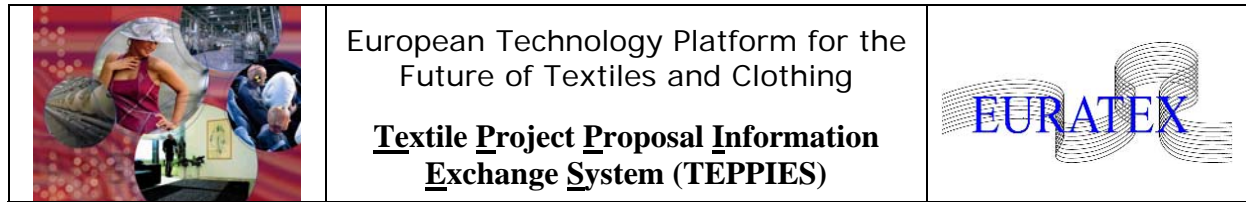
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TEPPIES	01-2009	18/06/2009	<b>23/09/2009</b>		
EC	FP7-NMP-2010	30/07/2009	03/11 or 08/12/2009		
EC	FP7-ICT-2009	30/07/2009	26/10/2009		
Proposer Identification					
Prime proposer organisation <sup>1</sup>	Institut für Textiltechnik (ITA) Germany				
Key industry partners <sup>2</sup>	Audi AG Germany, in contact with various other partners				
Key research partners	TU Delft The Netherlands, KU Leuven Belgium, RWTH Aachen University				
Proposal Information					
Project acronym (optional)					
Full project working title	Integrated Design Tool for Braided Composites				
EC workprogramme topic	<b>NMP-FP7-2010-3.4-1 Manufacturing systems for 3D-shaped, multilayered products based on flexible materials</b>				
<p>Regarding design and manufacture of textile reinforced composite parts the current problem being faced is a systematic approach to set up an expert system, which would help to determine the most economic way to produce a composite part or substructure that satisfies the design requirements. These requirements can be: structural, physical properties and functional requirements. The selected manufacturing process will greatly affect the geometry and reinforcement architecture of the intended part so that the intended manufacturing process will play the role of design constraint at a very early stage of the developing process. In addition the plurality of available material combinations is challenging for setting up a deterministic expert system. As a result the manufacturing system has to establish possible links between material systems, production equipment, machine settings and the ability for satisfying the design requirements. Therefore a knowledge driven integrated manufacturing system for 3D Composite manufacture will be developed.</p>					
Partner Search (optional)					
Search n° <sup>3</sup>	1	Partner type	Industry		
<i>Short description of profile (competences required, geographic origin etc., max 100 words):</i>					
Tool manufacturer, Eastern or Southern Europe					
Contact for this Expression of Interest					
Title	Mrs	First name	Vera	Name	Eckers
Organisation name	Institut für Textiltechnik (ITA) Germany				
E-mail address	Vera.eckers@ita.rwth-aachen.de	Direct phone number	+49 80 234 75		

Please return the completed form until **23/09/2009** electronically to [lutz.walter@euratex.org](mailto:lutz.walter@euratex.org)

<sup>1</sup> If the prime proposer organisation is an industrial company that wishes not to be identified for confidentiality reasons, please provide the name of another key proposal partner, which can be contacted for enquiries.

<sup>2</sup> If industry partners wish not to be identified for confidentiality reasons, please provide generic information about activity and country e.g. weaver/Italy, machine manufacturer/Germany etc.

<sup>3</sup> If you search for several partners, please copy the partner search fields as many times as necessary and number your searches e.g. search n° 1: industry – short description, search n° 2: research – short description etc.




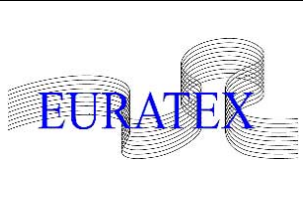
## Expressions of Interest

### Targeting

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

### **Additional submissions received Between 5 Sept. and 24 Sept. 2009**


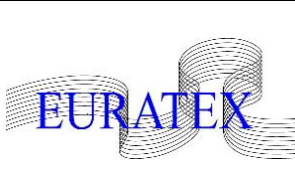
For the original set of TEPPIES addressing this programme topic submitted before 5<sup>th</sup> Sept. please consult the file “TEPPIES-01-2009\_all responses\_04-09-2009” in the Document Library of the internal members part of [www.textile-platform.eu](http://www.textile-platform.eu) (see folder ETP General/Documents and Publication/TEPPIES/Call 01-2009)

	<p>European Technology Platform for the Future of Textiles and Clothing</p> <p><b>Textile Project Proposal Information Exchange System (TEPPIES)</b></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	<b>23/09/2009</b>
EC	FP7-NMP-2010	30/07/2009	03/11 or 08/12/2009
Proposer Identification			
Prime proposer organisation	Centexbel		
Key industry partners	Carpet company (SME) + supplier and customer; ERP software developer for logistics (SME)		
Key research partners	-		
Proposal Information			
Project acronym (optional)	"MEMESCO"		
Full project working title	Multi Echelon Multi Entity Supply Chain Optimisation		
EC workprogramme topic	<b>FoF.NMP.2010-2 Supply chain approaches for small series industrial production</b>		
<p><i>Non-confidential abstract (max. 100 words):</i>            Currently, companies are facing several challenges like minimising stock, full traceability of the individual parts and materials constituting the product, optimised labelling, packaging and logistics, ... and this for ever smaller number of items per production run, and with ever more customer input. The smaller runs imply production of relatively large amounts of scrap material, especially since new production machinery often still is focussed on fast, large scale, high volume production. In practice, these topics are currently dealt with in a non optimised way: relying on past experience and by taking isolated decisions, i.e. without the knowledge of the actual situation and priorities at the supplier and customer side. Therefore, the project intends two main objectives. First, a network structure has to be set-up, among the different entities involved in the supply chain for unified communication. Second, models (metamodels, generic algorithms,...) need to be developed for setting up multi echelon, multi entity supply chains. These should lead to minimising waste, stock keeping and lead times while optimising the traceability, the customer interaction and the global service level.</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>            Industry: a (non textile) manufacturer facing similar challenges, including a supplier and customer            Research/ academic partner for development of the necessary supply chain management models</p>			
Contact for this Expression of Interest			
Title	Dr	First name	Guy
Name	Buyle		
Organisation name	Centexbel		
E-mail address	<a href="mailto:gbu@centexbel.be">gbu@centexbel.be</a>	Direct phone number	+32-9 220 41 51

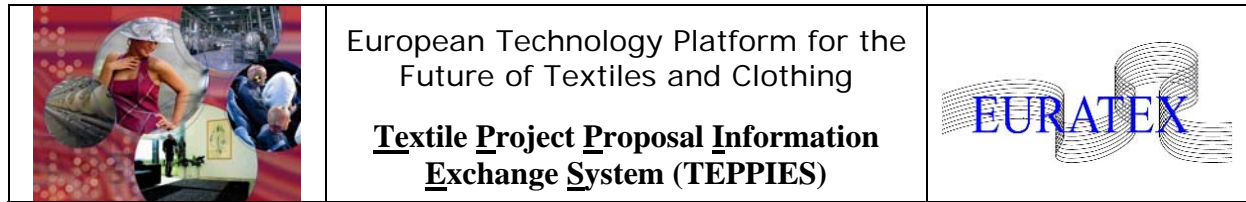
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TEPPIES call n° 01-2009

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TEPPIES	01-2009	18/06/2009	<b>04/09/2009</b>
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-MR		
Key industry partners	Bivolino.com, Piacenza		
Key research partners	ENEA		
Proposal Information			
Project acronym (optional)			
Full project working title	Sustainable digital value creation of personalised fashion		
EC workprogramme topic	<b>FoF NMP-2010-2 Supply Chain approaches for Small Series Industrial Production</b>		
<i>Non-confidential abstract (max. 100 words):</i>			
<p>Future digital fashion supply chains-from design to retail-must be able to minimise returns and, also in turn, to reduce waste. This requests to use as much as possible digital technologies before producing any physical objects. Relevant technologies include computerized sketching, pattern design, grading, marker-making , digital printing and CNC cutting. In fact, any technology which allows the product to remain in digital form until later in the process can be considered to be more sustainable. Particular attention should be put to eco-efficient production and logistic processes.</p> <p>This requests also to address as much as possible directly the consumer in the process of value creation, in order to provide her/him with a maximum of fulfillment. Therefore 3D body personal avatars/configurators ( virtual prototyping , online dressing facilities or structured virtual shopping communities can be involved.</p> <p>The idea is to develop a new supply chain architecture and related technologies, and to demonstrate this together with industry.</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	Dieter
		Name	Stellmach
Organisation name	Centre of Management Research at DITF Denkendorf		
E-mail address	<a href="mailto:Dieter.stellmach@ditf-denkendorf.de">Dieter.stellmach@ditf-denkendorf.de</a>	Direct phone number	0049 711 9340 418






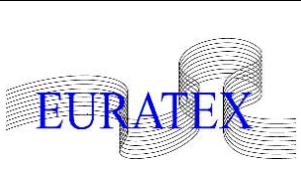
## Expressions of Interest

### Targeting

#### **Various FP7 2009 call topics**

#### **Additional submissions received Between 5 Sept. and 24 Sept. 2009**

For the original set of TEPPIES addressing this programme topic submitted before 5<sup>th</sup> Sept. please consult the file “TEPPIES-01-2009\_all responses\_04-09-2009” in the Document Library of the internal members part of [www.textile-platform.eu](http://www.textile-platform.eu) (see folder ETP General/Documents and Publication/TEPPIES/Call 01-2009)


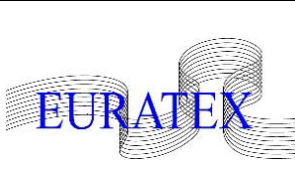
	<p>European Technology Platform for the Future of Textiles and Clothing</p> <p><b>Textile Project Proposal Information Exchange System (TEPPIES)</b></p>	
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Expression of Interest for Preparation of a Project Proposal

TEPPIES call n° 01-2009

**Updated form: identification of NMP workprogramme topic**


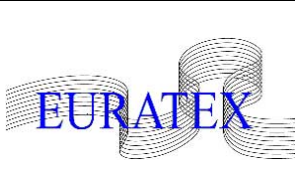
Call Identification			
	Call n°	Opening Date	Closing Date
TEPPIES	01-2009	18/06/2009	<b>04/09/2009</b>
EC	FP7-NMP-2010	30/07/2009	03/11 or 08/12/2009
EC	FP7-ICT-2009	30/07/2009	26/10/2009
Proposer Identification			
Prime proposer organisation	IFTH : French Institute for Textiles and Apparel		
Key industry partners			
Key research partners			
Proposal Information			
Project acronym (optional)	radtex		
Full project working title	Radiation cured concepts for the textile industry		
EC workprogramme topic	<b>NMP.2010.4.0-3 High throughput technologies for the development of formulated products</b>		
<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><b><u>Textile Project Proposal Information Exchange System (TEPPIES)</u></b></p>	
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## Expression of Interest for Preparation of a Project Proposal

TEPPIES call n° 01-2009


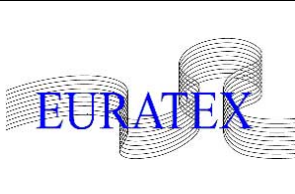
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EC	FP7-NMP-2010	30/07/2009	03/11 or 08/12/2009		
EC	FP7-ICT-2009	30/07/2009	26/10/2009		
Proposer Identification					
Prime proposer organisation	texcon GmbH (D)				
Key industry partners	yarn producers (EU), chemical producers (D), knitters and weavers (EU) Polymerproducers (D,GB,TR), paper manufacturer (TR)				
Key research partners	Istanbul Technical University (TR), AKYÜZ CORAP (TR)				
Proposal Information					
Project acronym (optional)	PROTEIN+METAL YARNS				
Full project working title	PROTEIN+METAL YARNS-Reaching medical and wellness effects through protein fibres and their combination with metal yarns				
EC workprogramme topic	Protein special fibres, which includes amino-acides, offers without any chemical treatment permanent effects of wellness, medical effects and will be used in textiles with direct skin contacts. In connection with protein fibres metal yarns can be used further additional effects for the same purposes and more.				
Partner Search (optional)					
Search n°	Partner type	Industry/Research/Other <i>(delete the unnecessary)</i>			
<i>Spinners, weavers, knitters, textile machinery manufacturer, partners in processing, further developments and application in EU and garment</i>					
Contact for this Expression of Interest					
Title	Dipl.Ing.Mr	First name	Altan	Name	ARSLAN
Organisation name	Texcon GmbH Germany				
E-mail address	texcond@aol.com	Direct phone number	+49-2161-85654		

	<p>European Technology Platform for the Future of Textiles and Clothing</p> <p><b><u>Textile Project Proposal Information Exchange System (TEPPIES)</u></b></p>	
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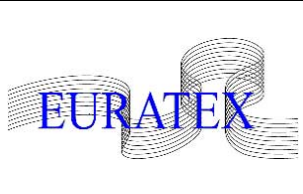
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EC	FP7-NMP-2010	30/07/2009	03/11 or 08/12/2009
EC	FP7-ICT-2009	30/07/2009	26/10/2009
Proposer Identification			
Prime proposer organisation	Texcon GmbH (DE)		
Key industry partners	Fiber and yarn producers (D, J), chemical producers (D) Polymerproducers (D,GB,TR),		
Key research partners	IBENA (D)		
Proposal Information			
Project acronym (optional)	Waterfree colouring and dyeing		
Full project working title	Aramid- Waterfree colouring ,dyeing and printing system of aramid		
EC workprogramme topic			
<p>The aramid fibers is currently only dyeable with selected basic dyes using special carrier for HT-dyeing conditions. These carriers include acetophenone, benzyl alcohol and benzaldehyde, harmful to the environment, and hardly applicable in the dyeing mills. In large quantities they cause several complications with watersystems and ecology.</p> <p>Our technology provides a simplified system on the base of ecological products without pollution, the HT-dyeing will be completely eliminated. The water and sewage problems will be minimised, fastness correspond to the current standard</p>			
Partner Search (optional)			
Search n°		Partner type	Industry/Research/Other <i>(delete the unnecessary)</i>
<i>Different partners in processing, further developments and application in EU.</i>			
Contact for this Expression of Interest			
Title	Dipl.Ing.Mr	First name	Altan
Name	ARSLAN		
Organisation name	Texcon GmbH Germany		
E-mail address	texcond@aol.com	Direct phone number	+49-2161-85654

	<p>European Technology Platform for the Future of Textiles and Clothing</p> <p><b><u>Textile Project Proposal Information Exchange System (TEPPIES)</u></b></p>	
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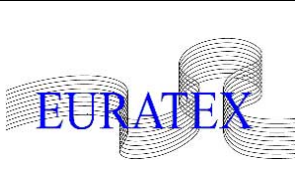
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EC	FP7-NMP-2010	30/07/2009	03/11 or 08/12/2009
EC	FP7-ICT-2009	30/07/2009	26/10/2009
Proposer Identification			
Prime proposer organisation	Texcon GmbH (DE)		
Key industry partners	Fiber and yarn producers (D, ), chemical producers (D) Polymerproducers (D,GB,TR),		
Key research partners			
Proposal Information			
Project acronym (optional)	Glassfibre-Waterfree colouring and dyeing		
Full project working title	Waterfree colouring & dyeing & printing system of glassfabrics		
EC workprogramme topic			
<p>The glassfiber fibers is not dyeable and printable. In wallpaper industry it will be painted. Conventional printing systems do not supply acceptable results.</p> <p>Our technology provides a simplified system on the base of ecological products without pollution, painting will be completely eliminated. The used technology is transferprinting by disperse dyes . System is applicable by conventional and ink-jet paper printing technique. The water and sewage problems will be minimised, fastness correspond to the current standard</p>			
Partner Search (optional)			
Search n°		Partner type	Industry/Research/Other <i>(delete the unnecessary)</i>
<p><i>Different partners in processing, further developments and application in EU, especially wallpaper manufacturers up 320cm width. Seamless production wall to wall is possible.</i></p>			
Contact for this Expression of Interest			
Title	Dipl.Ing.Mr	First name	Altan
Name	ARSLAN		
Organisation name	Texcon GmbH Germany		
E-mail address	texcond@aol.com	Direct phone number	+49-2161-85654

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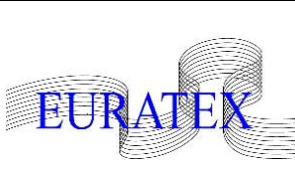
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EC	FP7-NMP-2010	30/07/2009	03/11 or 08/12/2009
EC	FP7-ICT-2009	30/07/2009	26/10/2009
Proposer Identification			
Prime proposer organisation	Texcon GmbH (DE)		
Key industry partners	Fiber and yarn producers (D, BD, IN), chemical producers (D) Polymerproducers (D,GB,TR), paper manufacturer (TR)		
Key research partners			
Proposal Information			
Project acronym (optional)	Waterfree colouring and dyeing		
Full project working title	Jute/Linen/Hemp - Waterfree colouring ,dyeing and printing system		
EC workprogramme topic			
<p>The Jute/Linen/Hemp natural fibres is currently only dye able with conventional technics, conditions and with a high demand of water and energy. In large quantities they cause several complications with water systems and ecology.</p> <p>Our technology provides a simplified system on the base of ecological products without pollution, dyeing will be completely eliminated by using ecological coating products and disperse dyes. The water and sewage problems will be minimised, fastness correspond to the current standard</p>			
Partner Search (optional)			
Search n°	Partner type	Industry/Research/Other <i>(delete the unnecessary)</i>	
<p><i>Different partners in processing, further developments and application in EU.2009 will be year of natural fibres. For Companies with connections to typical jute countries Bangladesh, India etc. Could be high interest.</i></p>			
Contact for this Expression of Interest			
Title	Dipl.Ing.Mr	First name	Altan
Name	ARSLAN		
Organisation name	Texcon GmbH Germany		
E-mail address	texcond@aol.com	Direct phone number	+49-2161-85654

	<p>European Technology Platform for the Future of Textiles and Clothing</p> <p><b><u>Textile Project Proposal Information Exchange System (TEPPIES)</u></b></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	<b>04/09/2009</b>
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	Texcon GmbH (D)		
Key industry partners	Fiber and yarn producers (D, BD, IN), chemical producers (D) Polymerproducers (D,GB,TR), paper manufacturer (TR)		
Key research partners	Seidenweberei Güsken (D)		
Proposal Information			
Project acronym (optional)	SILK-Waterfree colouring and dyeing		
Full project working title	Silk - Waterfree colouring ,dyeing and printing system		
EC workprogramme topic			
<p>The silk natural fibres is currently only dye able with conventional technique, conditions and with a high demand of water and energy. In large quantities they cause several complications with water systems and ecology. Our technology provides a simplified system on the base of ecological products without pollution, dyeing will be completely eliminated by using ecological coating/finishing products and disperse dyes by transfer paper. The water and sewage problems will be minimised, fastness correspond to the current standard. Chemical demand will be extremely reduced.</p>			
Partner Search (optional)			
Search n°		Partner type	Industry/Research/Other <i>(delete the unnecessary)</i>
<p><i>Different partners in processing, further developments and application in EU.2009 will be year of natural fibres. For Companies with connections to typical silk countries Bangladesh, India, China etc. could it be high interest project.</i></p>			
Contact for this Expression of Interest			
Title	Dipl.Ing.Mr	First name	Altan
Name	ARSLAN		
Organisation name	Texcon GmbH Germany		
E-mail address	texcond@aol.com	Direct phone number	+49-2161-85654

	<p>European Technology Platform for the Future of Textiles and Clothing</p> <p><b><u>Textile Project Proposal Information Exchange System (TEPPIES)</u></b></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	<b>04/09/2009</b>
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	texcon GmbH (D)		
Key industry partners	yarn producers (EU), chemical producers (D) ,Weavers (EU) Polymerproducers (D,GB,TR), paper manufacturer (TR)		
Key research partners	IBENA (D), Istanbul Technical University (TR), Murateks Text. Machinery (TR)		
Proposal Information			
Project acronym (optional)	ECO-Advanced-DENIM- Indigo and Finishing free -Waterfree colouring and dyeing		
Full project working title	INDIGO - Waterfree colouring ,dyeing and printing system		
EC workprogramme topic			
<p>The biggest problem of manufacturing denim today is the Indigodyeing and the reduction process. Usually hydrosulfit will be used as reduction medium. Salt accumulation in the sewage and toxic hydrogen sulphide burden on the ecology. The fact caused many closed mills in EU.</p> <p>Against the conventional technique, conditions and with a high demand of water and energy, which cause in large quantities several complications with water systems and ecology, our technology provides a simplified system on the base of ecological products without pollution, dyeing will be completely eliminated by using ecological coating/finishing products and disperse dyes by transfer paper. The water and sewage problems will be minimised, fastness correspond to the current standard. Chemical demand will be extremely reduced. Finishing processes will be eliminated and replaced by digital paper manufacturing.</p>			
Partner Search (optional)			
Search n°		Partner type	Industry/Research/Other <i>(delete the unnecessary)</i>
<i>Garment manufacturers, designers , partners in processing, further developments and application in EU.</i>			
Contact for this Expression of Interest			
Title	Dipl.Ing.Mr	First name	Altan
		Name	ARSLAN
Organisation name	Texcon GmbH Germany		
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