

# European Technology Platform *for the future of* textiles *and* clothing



## The European Technology Platform

Strategies, networking & support services for  
more textile innovation in Europe

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Project Manager  
Euratex



# The EU Textile & clothing

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textiles  
and  
clothing



## EU key figures 2010

	2010	% 2010/2009
Turnover – Billions	152,1	+5,6%
Employment	1.777.859	-7,4%
Enterprises	138.377	-7,4%
Investments – Billions	4,2	+4,6%

Source: EURATEX calculation December 2011  
based on EUROSTAT data and National associations trends

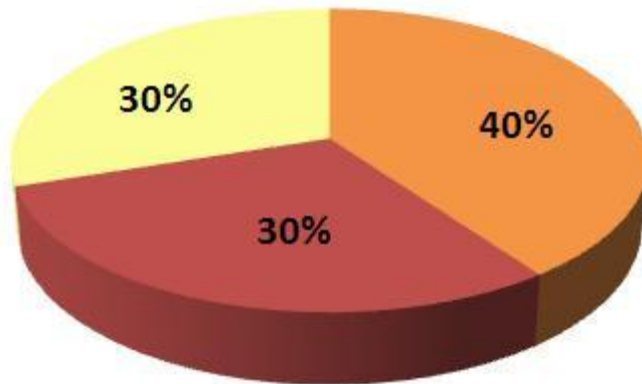
Total TC Customs Union and EEA:  
184,000 Companies  
195Mln€ Turnover

# EU Textiles today

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Share of textile application  
by fibre



- Clothing & Fashion
- Home & Interior Textiles
- Industrial & technical textiles



European industry competitiveness :

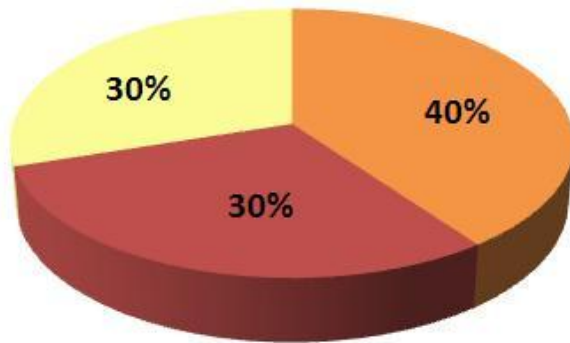
- high value added/high quality
- niche market strategies
- rapid market reaction
- sustainability in operations

# changes



**Today**

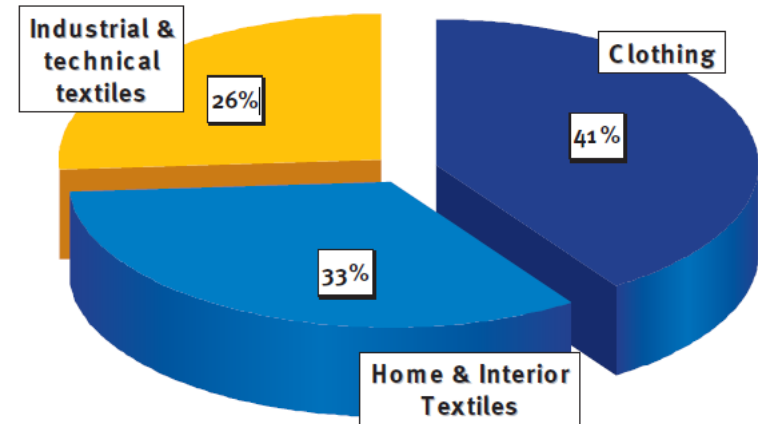
Share of textile application  
by fibre



- Clothing & Fashion
- Home & Interior Textiles
- Industrial & technical textiles **+4%**

**2003**

EU-25 Breakdown of textile production  
into 3 sub-sectors by volume of fibre usage - 2003





# European Technology Platform *for the future of* textiles *and* clothing



The official European network of experts  
on T/C Research & Innovation

650+ members (Industry, Universities and RTD centres)

Since 2004

Governing Council (15 high profile members)

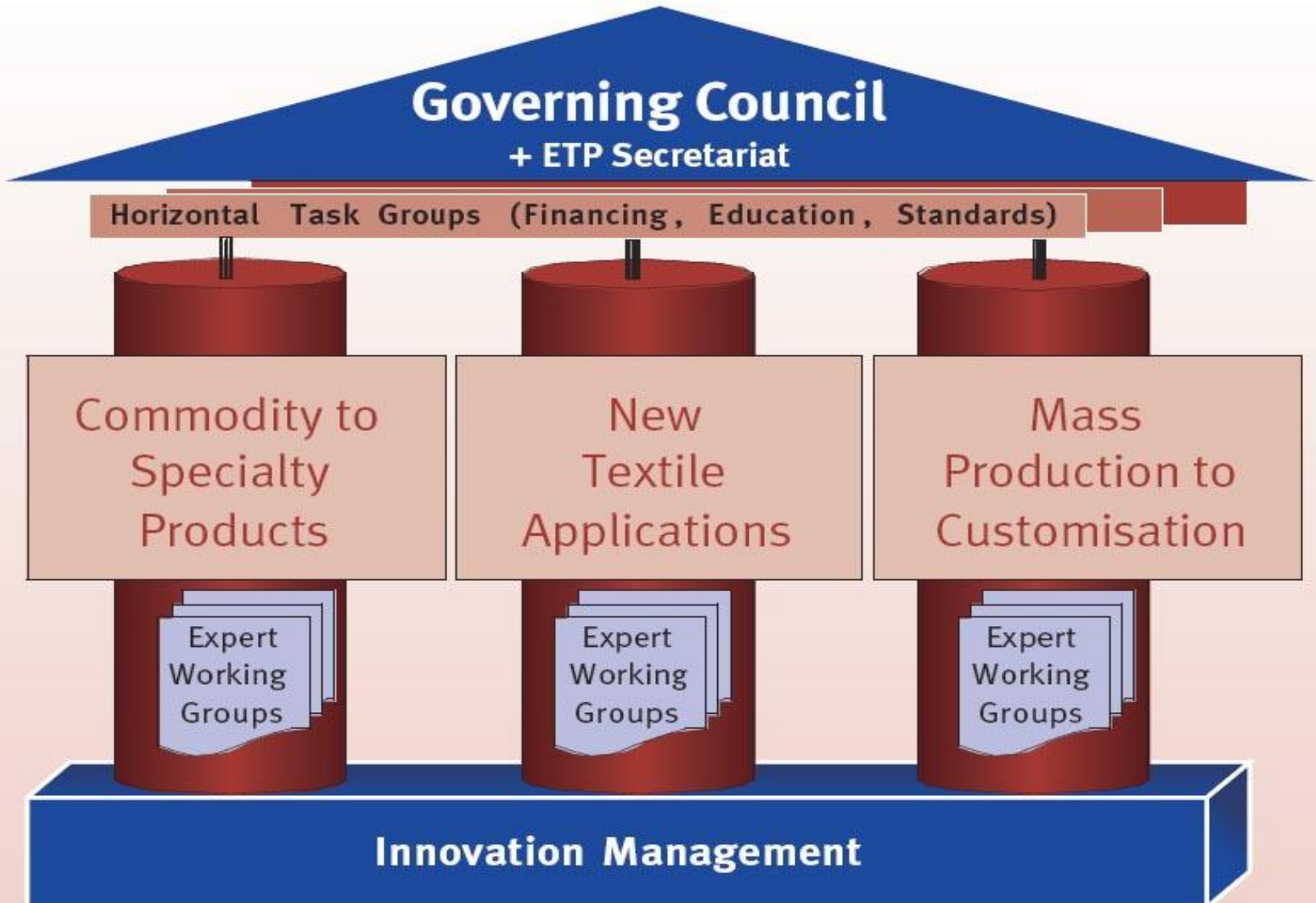
Secretariat: Euratex

[www.textile-platform.eu](http://www.textile-platform.eu)

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# structure

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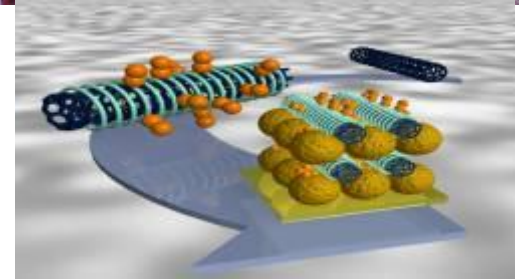
# Future Vision

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## Major Long-Term Industry Trends

- Move from commodities towards specialty products from high-tech processes.
- Increased use of textiles as material of choice in many sectors and application fields.
- Move towards customisation, personalisation, as well as on-demand production.
- Innovation in resource efficiency, low environmental-impact technologies and promotion of consumer health and safety in products.





# Activites

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- Strategic Research Agenda Development & Implementation



- Support members to access EU funds (TEPPIES, brokerages) & technologies market (ETTMA)



- Cross-sectorial collaboration



- Promotion of research results
- Promote the industry pro-innovation imagine





# Activities (TEPPIES)

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European Technology Platform for the Future of Textiles and Clothing		EURATEK	
European Technology Platform for the Future of Textiles and Clothing		EURATEK	
European Technology Platform for the Future of Textiles and Clothing		EURATEK	
Expression of Interest for Preparation of a Project Proposal			
TEPPIES call n° 01-2007			
TEPPIES	Call n°	Opening Date	Closing Date
Full proj	01-2007	26/01/2007	23/03/2007
Key int	EC	FP7-NMP-2007-SME-1	22/12/2006
EC work	Proposer Identification		
Non-confit	Prime proposer organisation		
	Key industry partners		
	Key research partners		
Proposal Information			
Project acronym (optional)			
Full project working title			
EC workprogramme topic			
Non-confidential abstract (max. 200 words):			
Search n°	Partner Search (optional)		
Short desc	Search n°	Partner type	Industry/Research/Other (delete the unnecessary)
	Short description of profile (competences required, geographic origin etc., max 100 words):		
Title	Contact for the Expression of Interest		
LM	Title	Mr/Ms/Prof/Dr	First name
Organisat	Organisation name		
E-mail add	E-mail address		
	Direct phone number		



Project ideas /  
expression of interest



In Progress!



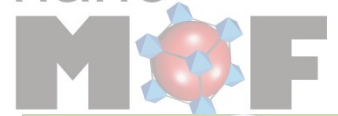
# Research Funding

## Textile Projects in FP6/FP7 (2006-2011)

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**50 Projects**



**500+ Organisations**



**€ 300 million of project budget**



**€ 200 million EU funding**



# Activities (ETTMA)

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call for technology  
offer & search



ETTMA  
Call n°1 Oct. 2011  
Results

Technology Searches  
from Industry

Received by  
16<sup>th</sup> December 2011

European Technology Platform for the Future of Textiles and Clothing  
European Textile Technology Marketplace - ETTMa  
EURATEX

Response Form for Industry Searches  
ETTMa call n°01: October 2011, Deadline 31 January 2012

Identification	
Organization Name	
Country	
Technology Solutions Proposed	
Industry Search (Y1 & above Y50)	
Description of the proposed solution* (max. 300 words):	
Short assessment technology: realness level of the proposed solution (1 to 9)	
Type of demonstration	<ul style="list-style-type: none"> <li>Detailed technical description of concept/technology/prototype level.</li> <li>available</li> <li>available &amp; access to physical samples/physical lab-scale prototype</li> <li>development</li> <li>available &amp; access to industrial scale/industrial scale system</li> <li>ready or ready</li> <li>available &amp; access to full scale industrial installation</li> </ul>
Proposed further follow-up	
Please mark with a cross:	
<ul style="list-style-type: none"> <li>We are available to engage with the company to better understand the issue and identify potential solutions</li> <li>We can bring the company in contact with a provider of a solution to their problem and can assist in further engagement with this provider (if needed)</li> <li>We are available for co-development with the company to reach industrial maturity of the proposed concept/technology</li> <li>We are available to assist the company to bring together all elements for an industrial realisation of the proposed concept/technology</li> <li>We believe we are able to deliver (a formal) an industry-ready system</li> </ul>	
Estimated time to realisation	<ul style="list-style-type: none"> <li>less than 1 year</li> <li>1-2 years</li> <li>more than 2 years</li> </ul>
Language for technical consultation (in case of preference)	
Contact for this technology proposal*	
Name	
Function/Department	
Company/Department	



Info circulated  
among members



Independent  
bilateral contacts





# ETTMa - How does it work?

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1. The ETP issues a **call for technology** offers from researchers/developers & technology searches from companies. standard templates.
  2. offers & searches will be circulated **to the ETP network**. Technology offers will contain the full contact details. Company searches will only reveal the country of origin (e.g. a Croatian company searches...)
  3. **Companies** interested in technology offers **can directly contact** the technology providers and manage all further follow-up bilaterally.
  4. **Researchers/technology providers** offering a potential solution for a company search send their offer based on a **response template** back to the **ETP secretariat** which forwards the information to the searching company. The company can then decide if it wants to make a bilateral follow up.
  5. After a 4-6 week period the ETP secretariat collect some data on the functioning of the system and for possible improvements.
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# Activities (ETTMA)

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## 1<sup>st</sup> call

October 2011

call for technology offers & industry searches

December 2011

54 valid tech. offers and 7 industry searches

7 industry searches = 18 direct proposals

February 2012

Industry replies and assessment

## 2<sup>nd</sup> call

March 2012



ETTMA  
Call n°1 Oct. 2011  
Results

Technology Searches  
from Industry

Received by  
16<sup>th</sup> December 2011

# On-going roadmaps

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## **Nanotechnologies in Textiles** for an effective use in the value chain

What does it take?  
What are Research / Market gaps?

September 2012  
Results unveiled

## **Textiles in construction**

Long-term innovation roadmap  
Priority of actions

Summer 2012  
Public validation of the roadmap

**Experts of the ETP called to contribute**

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# New initiatives

## Flagship

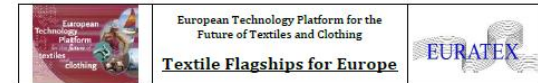
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**23 Ideas received**

To better represent the industry needs

Next steps will be presented 30<sup>th</sup> March



**Textile Flagships for  
Europe**

**Results of Call for  
Ideas**

Received by  
30<sup>th</sup> November 2011

# New initiatives

## Resources

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## WATER

### Reduce

- primary water use in textile processing
- waste water impact

### Exploit

- Innovative textiles to solve water challenges of agriculture, industry & society as a whole



## ENERGY

### Reduce

- consumption

EURATEX participates in:

the on-going consultation for a **European Innovation Partnership on Water**

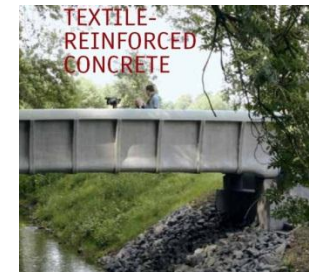
**2 European projects on energy savings**

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# Textiles & societal challenges

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# Key points

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Platform commitments for the T/C Industry & Research community:

## Services

**TEPPIES**, better access to EU funding programmes (2006 onwards)

**ETTMA**, exploit innovation & address needs (2011 onwards)

**Annual Event**, what's new, networking

## Coordination

**2 Joint Roadmaps**

## Outlook

Textiles interests in Horizon 2020

**Textile flagships initiative/s**

Possible actions in resources efficiency



# next

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**7<sup>th</sup> ETP Conference**

**29- 30 March**

**Brussels**

Registration **deadline** tomorrow  
17th

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*7<sup>th</sup> Annual Public Conference*

From FP7 to HORIZON 2020  
*Making European Research & Innovation Programmes  
Fit for Small and Mid-sized Companies*

*29-30 March 2012, Brussels*

**DRAFT PROGRAMME**

Organised by:  
The European Apparel and Textile Confederation





Thank you for your attention

European Technology Platform

[www.textile-platform.eu](http://www.textile-platform.eu)

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