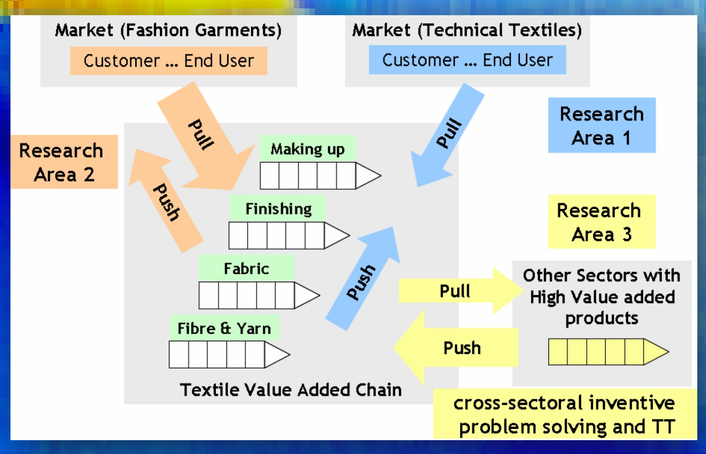
D'APPOLONIA

SIXTH FRAMEWORK PROGRAMME

WebTEXpert

WebTEXpert is an European Initiative aiming to develop and promote advanced methods in Innovation Management, focusing particularly on New Products Development & Generation, able to introduce new functionalities, with the final scope to increase competitiveness of SMEs operating in Textile & Clothing Sector.

To achieve this ambitious objectives, some learning platforms have been created, like the ones inside involved IAGs portal (CNA Prato, TexClubTec, API Varese), where each SME can finally understand how to have a global and integrated vision of complex Innovative Textiles Products.



All the different activities have been divided in 3 Research Areas.
The first one, coordinated by DITF (German Institutes for Textile and Fibre Research Denkendorf), aims to define and promote New Product Development and Networking Methodologies, collecting market's emerging requirements.
The second one, mainly focused on fashion, cares about the different ways in which customer's look&fit needs can be represented.
The third one, coordinated by D'Appolonia, defines Innovative Product Development methodologies based on Technologies coming from different industrial sectors (Technology Transfers) and implements modern Supporting Innovation Theories. All this methods are useful tools for added value textile products, incorporating most innovative results from researches in emerging sectors like bio&nano technologies, ICT, Intelligent Materials and Innovative Treatments.

D'Appolonia's approach to WebTEXpert promotes TRIZ Innovation Management Theory, that, also through ideas arising from D'Appolonia's internal textile related Patent DB (available from http://www.dappolonia-research.com/webtexpert/home.php) has been able to boost some really Innovative Products:

In cooperation with Grado Zero Espace, D'Appolonia invented a novel Thermo-Regulating suit for the McLaren mechanics offering fire protection and a comfortable working temperature for the whole team servicing the car, whose overalls have to accomplish high safety standards.

A jacket using a revolutionary fabric technology: "Aerogel" (also used in NASA's interplanetar missions), which is able to insulate, exploiting its phase changing capabilities, up to -50°C with a thickness of just 3mm.

Oricalco, an innovative shirt based on shape memory alloys (SMAs) which doesn't need to be ironed.

Project's Partners

Role	Partner	Nat	Role	Partner	Nat
RTD	D'Appolonia	IT	Core SME	Styl Couture	FR
IAG	TexClubTec	IT	IAG	Euratex	EU
IAG	Api Varese	IT	Core SME	Llaudet	ES
IAG	Cna di Prato	IT	RTD	DITF	DE
Core SME	Rossini	IT	IAG	FK Textil	DE
Core SME	Grado Zero Espace	IT	IAG	Südwestttextil	DE
Core SME	Iris	IT	IAG	TV Nord West	DE
Core SME	Stamperie di Lipomo	IT	Core SME	Corporate Fabrics	DE
Core SME	Biancalani	IT	Core SME	Moll	DE
Core SME	Temat	IT	Core SME	Gönner	DE
Core SME	Giotex	IT	Core SME	Zuleeg	DE
RTD	ATC	GR	Core SME	Dyckhoff	DE
IAG	Sepee	GR	Core SME	Eing	DE
Core SME	Merit	GR	Core SME	Roeders	DE
Core SME	Diplex	GR	Core SME	Windel	DE
Core SME	Vamp-T.K.	GR	Core SME	ITVP	DE
Core SME	Crool	GR	IAG	Atok	CZ
RTD	IFTH	FR	IAG	ATL	RO
IAG	OMI	FR	Core SME	Filbac	RO
Core SME	Flory	FR	Core SME	Ardeleana	RO
Core SME	Blue Ocean	FR	Core SME	Argos	RO
Core SME	Darden	FR	Core SME	Textor	RO

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