



Questionnaire to Technological Centres to be visited (Answers related to textile field or similar)

GENERAL INFORMATION CENTRE

NAME: AITEX

ADRESS: Emilio Sala Square, 1 03803 ALCOY (ALICANTE)

TYPOLOGY OF SERVICES CARRIED OUT BY THE CENTRE (Percentage of each activity)

TYPOLOGY OF SERVICES FOR ACTIVITY	%
Research	25
Development	
Innovation	
Test	67
<i>To certify products or processes</i>	
<i>To control products or processes</i>	
Consultancy	
External Training	4
Other activities	4
TOTAL	100

1

Total number of activities carried out per year: Data non available

Number of active clients: 2010

STAFF

Staff according to activities	Number of employees	%
Research + Development + Innovation	46	29
Testing	72	44
Administration	7	4
Other Departments	37	23
TOTAL	162	100

How is the staff organized?

- Technologies
- Laboratories
- Research Groups
- Other

**RESULTS OF CENTRE ACTIVITY**

Results according to type of activity	
Number of patents registered	15
Number of scientific papers published	2
Number of dissemination articles published	41
Number of papers at congresses	11
Number of lectures	24
Other	11





LINES OF RESEARCH IN THE CENTRE

– NAME OF TECHNOLOGY (a) 1 Textile Materials applied to biotechnology and biomedicine	
Technology description	
Objectives / Target	
Thematic areas (name and description)	
Main projects and results	
Research group(s) in partnership	
Associated technologies	

(a) **Technology** is what the technological centre is **commercializing**. PHOTOVOLTAIC, CRHOMIC MATERIALS, LUMINESCENT MATERIALS, MICROENCAPSULATION, NANOTECHNOLOGY, PLASMA, CONDUCTIVE TECHNOLOGY, 3 D FABRICS, TEXTRONICS, OTHER (specify which ones)

Name of research line (b) 1	Smart materials with application in medicine and biotechnology
Description	Smart textiles with application in health and biotechnology
Impact and results	
Benefits and applications	Regenerative textiles
Advantages introduced	Textile able to regenerate tissues
Links	www.aitex.es

Name of research line 2	comfort
Description	Measure of comfort and functional textiles
Impact and results	
Benefits and applications	Application of microcapsules with special properties, use of biofibres and natural materials
Advantages introduced	
Links	www.aitex.es

Name of research line 3	Design and fashion
Description	Innovative technologies with impact in fashion and design
Impact and results	Increase productivity
Benefits and applications	Customized fashion, prototypes development
Advantages introduced	
Links	www.aitex.es



Name of research line 4	Nanotechnology
Description	Additivation of fibres with nanoparticles
Impact and results	Fibres with new functionalities
Benefits and applications	Fire-protective...
Advantages introduced	
Links	www.aitex.es

Name of research line 5	Smart textiles
Description	Sensors embedded in textiles
Impact and results	Monitorization
Benefits and applications	Health care, home care, intelligent garments...
Advantages introduced	
Links	www.aitex.es

(b) **Line of research** is what the technological centre is **developing / researching**. ELECTRONIC TEXTILE FUSION, NEW FINISHING PLASMA, WATERPROOF TECHNOLOGY, TEXTILE EMERGING TECHNOLOGIES, MICROCAPSULES INCORPORATION, PHASE CHANGE, OTHER (specify which ones)



BUSINESS SERVICES OF THE CENTRE (textile field or related to textiles)

NAME OR FIELD OF THE SERVICE 1	
Service description	Research projects
Service users	Public administrations and companies
Associated technologies	All technologies available in the institute
Associated research lines	All the research lines

NAME OR FIELD OF THE SERVICE 2	
Service description	Laboratory services
Service users	Companies
Associated technologies	All technologies available in the institute
Associated research lines	All the research lines

NAME OR FIELD OF THE SERVICE 3	
Service description	Training
Service users	Companies , public administration and general public
Associated technologies	
Associated research lines	

5

NAME OR FIELD OF THE SERVICE 4	
Service description	Textile Technology Observatory
Service users	Textile companies
Associated technologies	
Associated research lines	

NAME OR FIELD OF THE SERVICE 5	
Service description	Made in Green
Service users	Textile companies
Associated technologies	
Associated research lines	