



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

### GENERAL INFORMATION CENTRE

**NAME:** CITTA, TECHNOLOGICAL TEXTILE CENTER OF ANDALUCIA

**ADRESS:** Polígono Industrial La Vega, 1. Priego de Córdoba (CP: 14800). Córdoba

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

TYPOLOGY OF SERVICES FOR ACTIVITY	%
Research	5
Development	25
Innovation	30
Test	
<i>To certify products or processes</i>	0
<i>To control products or processes</i>	0
Consultancy	20
External Training	20
Other activities	
<b>TOTAL</b>	100

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Total number of activities carried out per year: 25 (2010)

Number of active clients: 50 (annual)

### STAFF

Staff according to activities	Number of employees	%
Research + Development + Innovation		62
Testing		
Administration		25
Other Departments		13
<b>TOTAL</b>		100

#### How is the staff organized?

- Technologies
- Laboratories
- Research Groups
- Other

**RESULTS OF CENTRE ACTIVITY**

<b>Results according to type of activity</b>	
Number of patents registered	0
Number of scientific papers published	1
Number of dissemination articles published	1
Number of papers at congresses	0
Number of lectures	0
Other	5





## LINES OF RESEARCH IN THE CENTRE

NAME OF TECHNOLOGY (a) 1	
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	Natural Fibers
Description	Research and Development of value added products for the textile sector.
Impact and results	A new start for textile crops in viable and environmentally friendly conditions. Coordination with industry to facilitate the marketing of primary production and industrial processing in Andalusia.
Benefits and applications	Biocomposites Sustainable production
Advantages introduced	
Links	

- (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)



NAME OF TECHNOLOGY 2	
Technology description	Enterprise Resource Planning
Objectives / Target	Improve business operations and control
Thematic areas (name and description)	Organization Planning Warehouses Human Resources CRM MRP
Main projects and results	NONE
Research group(s) in partnership	IAVANZA
Associated technologies	ICT

Name of research line 1	Flexible manufacturing techniques (Industrial Organization)
Description	Methodological development applies to the textile techniques based on Lean Manufacturing, TOC, ...
Impact and results	Better cost structure of garment enterprises, optimization of operations. More than 15 companies have participated in implementation programs with excellent results and 30% improvements in productive efficiency of their systems.
Benefits and applications	Increase business competitiveness through reduced costs, greater production flexibility, inventory best value,...
Advantages introduced	
Links	



## 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 administration and companies
Associated technologies	
Associated research lines	Natural Fibers

NAME OR FIELD OF THE SERVICE 2	
Service description	ERP
Service users	Companies
Associated technologies	ERP Textile
Associated research lines	Flexible manufacturing techniques (Industrial Organization)

NAME OR FIELD OF THE SERVICE 3	
Service description	Improving operations Consulting
Service users	Companies
Associated technologies	Lean Management, TOC, 6 sigma
Associated research lines	Flexible manufacturing techniques (Industrial Organization)

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NAME OR FIELD OF THE SERVICE 4	
Service description	Improving service provision in this East Asian
Service users	Companies
Associated technologies	
Associated research lines	Flexible manufacturing techniques (Industrial Organization)

NAME OR FIELD OF THE SERVICE 5	
Service description	Strategic Plan R&D Internationalization
Service users	Companies
Associated technologies	
Associated research lines	



NAME OR FIELD OF THE SERVICE 6	
Service description	Business model generation
Service users	Companies
Associated technologies	
Associated research lines	

NAME OR FIELD OF THE SERVICE 7	
Service description	Improving commercial position
Service users	Companies
Associated technologies	
Associated research lines	

