
Facilities Charter of TEXMEDIN Inspiring Lab Clusters



FINAL VERSION

ABBREVIATIONS

CAD - Computer Aided Design

CDMT - Centre of Documentation and Textile Museum of Terrassa

CLOTEFI - Clothing Textile and Fiber Technological Development

EHS - Environmental Health Safety

ERP – Enterprise Resource Planning

HCIA - Hellenic Clothing Industry Association

IFTH - Institut Français Textile Habillement

IPR – Intellectual Property Rights

PDM - Product Lifecycle Management

PLM - Product Data Management

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1. Introduction

This document is the **Facilities Charter of TEXMEDIN Inspiring Lab Cluster**, which describes the pilot facilities to be provided by the Inspiring Labs implemented by the TEXMEDIN project, funded under the MED programme.

These facilities have been defined and will be made available by TEXMEDIN partners to the young designers and stylist who will be selected from the TEXMEDIN DESIGN CHALLENGE in 2010 to provide:

- ❑ access to T&A Heritage Collections detained by TEXMEDIN partners;
- ❑ training courses;
- ❑ prototyping of their ideas and project works;
- ❑ promotion of young designers and stylists;
- ❑ networking of online communities interested in T&A heritage valorisation;
- ❑ online collaborative work with experts and professionals for designing new products inspired by the T&A heritage collections;

An important part of these facilities will make extensive use of information and communication technologies and will be available online for all participants. They are listed and documented as online facilities.

Another part of these facilities require physical presence in the location where they are available (access to real samples, consultation of documentation and magazines not yet digitised, physical courses offered on some domains of expertise and not provided online). They are listed and documented as local facilities, with indication of the location where they are available. Sometimes the service may be provided to designers located elsewhere, upon demand (indicated as shared or sharable).

By default all facilities will be supported and provided in English language, unless otherwise specified. Available translations to other languages are specified.

These services are provided for a pilot use within the TEXMEDIN project to the young designers and stylists who will be selected from the TEXMEDIN Design Challenge in 2010 without charge, within the limits specified for each facility. Additional target groups could be involved by the TEXMEDIN partners in the pilot experimentation activities.

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2. TEXMEDIN Inspiring Lab Services Overview

Inspiring Lab Cluster is a transnational cluster combining the partners' economic, technological and creative resources in order to:

- ❑ Integrate R&D, fashion and design know-how in the productive chain: from young designers, to entrepreneurs.
- ❑ Support the interaction between emerging designers, textile museums, training and research centres and T&A SMEs from the beginning to the end.
- ❑ Facilitate the creation of new enterprises in the T&A sector.

The facilities of the Inspiring Labs will offer to young designers a whole range of services to support them in designing new high added value and environmentally friendly T&A products inspired by T&A heritage collections, developing prototypes and promoting their works in collaboration with T&A SMEs and at the final project exhibition.

Services will provide access to information, training pathways, design and prototyping tools as well as expert advice on different areas of business management, data on processes and business obligations, etc. These services will be provided either by public personnel or external consultants, experts in the T&A sector.

The services have been selected and are presented under the following groupings:

- ❑ **T&A Heritage Inspiration Facilities:** under this chapter are grouped all information services, tools and trainings made available to valorise T&A heritage collections and making them sources of inspiration for new creations.
- ❑ **Training Courses:** this section describes all the training activities addressed to designers, young stylists, students, companies and researchers, in order to increase their skills and know-how and to offer new creative input.
- ❑ **Collaborative Design Facilities:** under this chapter we have grouped three facilities: a collaborative platform, the Inspiring Labs Cluster social network and a platform to find and share know-how related to T&A sectors.
- ❑ **Prototyping Facilities:** under this section are grouped tools and services primarily devoted to support the prototyping of the project works developed by the young designers and stylists selected in the framework of the TEXMEDIN DESIGN CHALLENGE contest. After testing the prototyping service with the participants of TEXMEDIN DESIGN CHALLENGE, its use could be extended to local stakeholders (designers, students, companies) and it could become a permanent service of TEXMEDIN Inspiring Labs.
- ❑ **Young Designers Promotion Services:** under this chapter we have grouped information and coaching services proposed to young designers and stylists.

3. T&A Heritage Inspiration Facilities

This section basically regroups services of consultation, counselling and information on what T&A Heritage can offer as source of Inspiration for new creations.

These services are aimed to help all types of persons interested to get inspiration from T&A Heritage collections for new creations to find all the information he needs before beginning a work.

They will be particularly useful, in the framework of TEXMEDIN, to those considering participating to the TEXMEDIN Design Challenge.

The users of these services will be able to see an important collection of articles online, including some of them in 3D to study them from all points of view.

Using other facilities the users will be able to search easily and quickly for textile resources in specialized books in the libraries of each partner with some assistance if needed, and if this is not enough, the Museum of Prato, the Centre de Documentació i Museu Tèxtil and Carpiformazione will open their doors for the designers to consult physically the archives in order to be able to touch the fabrics and to get inspired.

Finally, to preserve and valorise T&A know-how, the Prato Museum of textile offers two services for companies:

- ❑ Access to collections of documents on know-how detained by older companies that closed their doors (that would be very useful for young designers who need to learn such know-how)
- ❑ Consultancy to companies on how to collect the information related to their work and archive it in a library.

These services will contribute to valorise the rich T&A know-how of Mediterranean regions and to pass it as source of inspiration to new generations and to help them, and especially young designers within them, to discover how rich and potentially useful can be all the information available on this T&A heritage.

3.1. 3D Digitalisation services - Photo 360°

Service Provider: IFTH

Service location: Lyon (by default)

The standard service will be offered by sending the object to IFTH in Lyon where the object will be digitized.

When the object cannot be sent and they are more than 10 digitisations to be done, a team of the IFTH with the required equipment may come to take the pictures where the object is. Travel and accommodation expenses will have to be taken in charge by those requesting the service.

Service overview

This service will offer to Museums but also to young designers the possibility to digitize in 3D any object they want. The 3D object created will be available to be displayed on any website, where user will be offered to manipulate and view it from different angles, as they want.

You can find an example here:

http://cnnith.no-ip.info/5492_TopNoir_JupeJean/index.html

and here:

http://cnnith.no-ip.info/5493_TopMarron_PantalonNoir/index.html

Service language(s): English

Service restrictions

Due to the cost of each digitization (use of special equipment and expertise to take the photos and assemble them for allowing the creation of a 3D object easy to manipulate) the service is offered for free only if objects to digitise are sent to IFTH in Lyon and only for TEXMEDIN partners or the Young designers and creators selected in 2010 TEXMEDIN Contest and for a limited number of objects for each (TEXMEDIN Museums: up to 5 objects; others: up to 2 objects).

Service details

Justification

The added value of "Photo 360°" is to allow the user to see the product on 360 degrees.

Objectives

- Improve the attractivity of the TEXMEDIN Fabric Database by introducing a 3d touch for some items
- Allow designers to see "inspiration objects" in 3d
- Facilitate the promotion on the web in 3d of the prototypes the designers will realise

Target population

- Museums and young designers and creators.
- The 3D tools must be easy to use to address the final user without training.
- IFTH, can prepare the work in relation with data base editor.

Resources required

If the product is a cloth, it's necessary to have the front and the back.

Resources available

Tools available.

Sharable?

Yes

3.2. TEXMEDIN Digital Library

Service provider: www.TEXMEDINdigitallibrary.eu

Service location: access points located inside the four Inspiring Labs and access online

Service overview

Possibility to search easily and quickly for textile resources located in different countries with the assistance of qualified personnel.

The Library contains digital catalogues of museum collections, resources on ancient and contemporary textile or textile networks on web.

It will be used by fashion and textile designers & students, design companies, archivists, restorers, researchers and museum curators.

Service language(s): English, Italian, Spanish, Greek, French

Service restrictions

Around 800 items of T&A Museums, partners of TEXMEDIN, will be uploaded in the database within TEXMEDIN funding. Access will be provided for updates to all TEXMEDIN partners having T&A Heritage items and free viewer access will be offered to anybody. Images and contents provided still belong in terms of IPR to their owners who are TEXMEDIN partners.

Service details

Justification

The added value to existing web resources on fashion and textile networks will be the possibility to search easily and quickly for textile resources spread in different European territories with the assistance of qualified personnel to support the research

Objectives

The aim of this service is to look at the TEXMEDIN Digital Library (Component 3 Integrated Knowledge Base) and other web resources related to textile archives and heritage (possible link of the Digital Library) such as digital catalogues of museums collections (e.g. IMATEX from Textile Museum of Terrassa); researches on contemporary textiles (e.g. ETN website); textile networks on web (e.g. Scottish Textile Heritage).

Target population

Fashion and textile designers; fashion and textile students; furniture and interior designers; companies of all categories of design, archivists from museums and private collections; restorers and researches in textile field; museums curators

Resources required

To manage the service inside the Inspiring Labs, is required:

- scheduled opening hours - Saturdays and Sundays could be included as they are useful for people working or studying;

- qualified personnel to assist and support users during the consultation of web resources and giving advices to prosecute researches; qualified personnel to prosecute the cataloguing of the items;
- equipped spaces with high quality pc, screens and printers - at least 4-5 to start delivering the service.

To manage the online database is required: a server, a maintenance service.

Resources available

Personnel involved: assistants, cataloguers and webmasters.

These costs are covered by the project.

The sustainability of the service after the end of the project is to be managed searching for other resources.

The purchase of equipment is only partially covered since there are investments costs.

Sharable?

Yes

3.3. Archive consultation services (Prato, Terrassa, Carpi)

Service providers: Textile Museum of Prato; Centre de Documentació i Museu Tèxtil; Carpiformazione

Service location: Prato; Terrassa, Carpi

Service overview

At the moment, the textile archives of both the Institutions are available on appointment. The aim of the service is to consult physically the archives (sample books, textiles, samples of knitting). Part of these will also be available in TEXMEDIN database. The service follows the need of designers and technicians to see and touch the fabrics for real to take inspiration and re-use them. The service offers the possibility to make an appointment with the Curators of the collections.

Service language(s): Italian/English/Spanish

Service restrictions

Open to anybody coming in Prato Textile Museum, Centre de Documentació i Museu Tèxtil and Carpi under appointment.

Service details

Justification

The added value to the current consultation service provided by the two Institutions- available on appointment for curator and researchers - will be a more structured and quick way to ask for items, with permanent opening hours and dedicated trained personnel.

Objectives

The aim of the service is to consult physically, with the support of qualified experts the archive of textile collections. Part of these fabrics will be also available on the web (in TEXMEDIN Digital Library), thus after looking at the digital library a user could ask to look at the sample books in real. This is a very important feature of the service, since users need to see weaving structures and finishing of fabrics. The service includes the possibility to look to some additional items from textile archives, not uploaded in the database, and to have some expertise by the Curators.

Target population

Fashion and textile designers; fashion and textile students; furniture and interior designers; companies of all categories of design, archivists from museums and private collections; restorers and researches in textile field; museums curators

Resources required

The service needs:

- Scheduled opening hours;
- Registers, cataloguers, conservators
- Qualified personnel to support users

- Curator of Ancient Collection and Contemporary Collection to assist and support users: the archives will be available only with the assistance of the Museum staff and only making request for an appointment during the opening hours;
- Architects to make the project of the spaces
- Equipped spaces to look at the items and fabrics: tables, lights, gloves to manage items, lens, threadcounters, cameras, scans and other tools and instruments.

Resources available

The existing staff from Textile Museum of Prato, Centre de Documentació i Museu Tèxtil and Carpiformazione – like experts, cataloguers, conservators, curators, registrars, architects – is a resource that is already available. These costs are covered by the project, together with the expenditures for: digital cataloguing, registering, disposition and organisation, architectural projects of the spaces to realize the service, conservative procedures.

Costs covered by the project only in a very small part: purchase of equipment.

Costs not covered by the project or restricted: sustainability of the service after the end of the project

Sharable?

No

3.4. Specialized Library of the Textile Museum of Prato

Service provider: Textile Museum of Prato

Service location: Prato

Service overview

The Museum has already got a collection of specialized book, available on appointment. This service will enhance these existing resources taking them to the attention of the stakeholders.

The service will also be a way to increase the Museum library and to prosecute the digital cataloguing of books.

The aim of the service is to open a library with specialized books and reviews, mainly addressed to designers and students to the public.

The purpose is to extend the existing collection of books, creating a specialized library useful both for historical research and project works.

The library will contain publications about history of fashion, history of textiles, art, museums collections, exhibition catalogues, design, history, sociology. It will also host magazines and other media (video, cd-rom) on the same topics. It will be ordered and catalogued within the Regional and National cataloguing system for libraries.

Service language(s): Italian

Service restrictions

Open to anybody coming in Prato Museum, with appointment

Service details

Justification

The Museum has already got a collection of specialized book, available on appointment. This service will enhance these existing resources taking them to the attention of the stakeholders.

The service will also be a way to increase the Museum library and to prosecute the digital cataloguing of books.

Objectives

The aim of the service is to open to the public a library with specialized books and reviews, mainly addressed to designers and students in the textile field. The purpose is to extend this service, creating a specialized library useful both for historical research and project works. The library will contain publications about history of fashion, history of textiles, art, museums collections, exhibition catalogues, design, history, sociology. It will also host magazines and other media (video, cd-rom) on the same topics.

Target population

Fashion and textile designers; fashion and textile students; furniture and interior designers; companies of all categories of design, archivists from museums and private collections; restorers and researches in textile field; museums curators

Resources required

The service need:

- Scheduled opening hours;
- Cataloguers, registrars to organise and digitalize the library;
- Qualified assistance personnel for consultation and borrowing procedures;
- Equipped room with shelves, printer, tables, copier, scanner;
- The service will also need the increase of the library through purchase of books, exchange of publications and subscription of specialized magazines;
- It will also need the full digital cataloguing of all the publications available.

Resources available

The existing staff from Textile Museum of Prato– like experts, cataloguers, conservators, registrars, architects – is a resource that is already available. These costs are covered by the projects, together with the expenditures for: digital cataloguing, registering, disposition and organisation, architectural projects of the spaces to realize the service. Costs covered by the project only in a very small part: purchase of equipment.

Sharable?

Yes (exchange of titles, publications)

3.5. Specialized Library of the Textile Museum of Terrassa

Service provider: CDMT (Centre of Documentation and Textile Museum of Terrassa)

Service location: Terrassa

Service overview

The library contains publications about history of fashion, history of textiles, museum collections, exhibition catalogues, design, technical textile processes, textile museology and museography, magazines and trend information.

The library catalogue is accessible by the web.

Service language(s): Catalàn/Spanish

Service restrictions

Open to anybody coming in Terrassa Museum (see the website for opening hours).

Service details

Justification

The library is a service for anyone who works in textiles, and also for professionals in other areas of design; students, technicians, researchers, etc.

Objectives

The aim of this service is to provide a library with specialized publications. It is aimed primarily at students and designers in the textile sector but also museums and heritage professionals.

Target population

Fashion and textile designers; fashion and textile students; furniture and interior designers; companies of all categories of design, archivists from museums and private collections; restorers and researches in textile field; museum curators

Resources required

The existing museum staff.

Resources available

All resources are available

Sharable?

Yes (publications exchange)

3.6. Technical Advisory on textile items classification/documentation

Service providers: CDMT – locally

When it will open

- It is open

Service location: Terrassa

Service overview

We offer expert advice and guidance to professionals, students, designers, museums, and private individuals for the classification and documentation of textile items and collections, technical vocabulary, conservation, exhibitions, teaching resources, courses and training, contacts and any other topic related to the world of textiles, both historical and contemporary.

Service language(s): Spanish/ Catalan/French/English

Service restrictions

Open to anybody coming in Terrassa Museum, with appointment

Service details

Justification

The long experience of CDMT in textile heritage (documentation, conservation, exhibitions...) allows it to share all information and abilities.

Objectives

Provide assistance to heritage professionals in the documentation, archiving, digitization and cataloguing of textiles and promote the preservation of archives in private collections and textile factories.

Target population

Heritage professionals (curators, conservators, etc.) researchers and students.
Museums and private collections
Companies that have pattern books, samples books and historical archives

Resources required

The existing museum staff.

Resources available

All resources are available. Into the TEXMEDIN project, costs will be covered by the project budget. Out of the project, the service is paid by users.

Sharable?

No

3.7. Face –to face design consultancy

Service providers: CDMT – locally

When it will open

- From October 2010

Service location: Terrassa

Service overview

We offer advice and guidance to designers to develop their proposals, using heritage as a basis and update it in line with new trends and materials.

Service language(s): Spanish/ Catalan

Service restrictions

Open to anybody coming in Terrassa Museum, with appointment

Service details

Justification

The CDMT Imatex service has an important number of users, but designers need to go further in the selection of items to develop their ideas in accordance with general trends and the type of product they are working.

Objectives

Obviously this service is one of the main TEXMEDIN objectives. The particularity of the CDMT is that, as a public institution, provides access to them in better prices than conventional enterprises.

Target population

PROFILE: mainly DESIGNERS AND STYLISTS (but not only young people and not only in textile sector), freelance and professionals working for companies.

Resources required

The existing museum staff to be completed with 1 professional designer + 1 assistant (not permanents).

Resources available

All resources are available; initially, costs could be covered by TEXMEDIN budget.

But to turn I. L. into a permanent service, we must develop the personalized service and a yearly program. To do this, we need to cover the costs of external collaborations and producing materials. The estimated cost is around € 12,000 / year.

Sharable?

No

3.8. Collecting and recovering company textile archives

Service providers: Textile Museum of Prato

Service location: Prato

Service overview

Since the archiving culture is a young practice among Prato enterprises, many collections have been dissipated throughout the years, especially after the ceasing or transfer of an industrial activity.

The Textile Museum of Prato offers to collect and recover the textile archives (mainly sample books but also other materials) of companies that ended their activities and the ones that want to share a part of their heritage with a cultural institution in order to enhance it. To reach this objective the Museum have already made agreements with the Prato Industrial Association and the Prato Bankruptcy Court in order to be recognized as the main Institution for this kind of activities.

Service language(s): Italian

Service restrictions

Service offered to local companies from Prato district and other companies located in Italy

Service details

Justification

The added value of this service is the establishment of a permanent and qualified representative for the recovery and collection of textile archives spread on the territory for the safeguard of the heritage

Objectives

The objective is avoiding the loss of textile heritage spread on the territory, by collecting and conserving it by a experienced Institution thanks to its professionals and experts

Target population

Textile companies from the Prato district and other companies located in Italy

Resources required

The service needs:

- Registrars, cataloguers, conservators
- Curator of Ancient Collection and Contemporary Collection
- Equipped storage and spaces for consultation

Resources available

The existing staff from Textile Museum of Prato— like experts, cataloguers, conservators, curators, registrars— is a resource that is already available. The project covers the costs of this service during its period of activity. The sustainability of the service after the project must be provided by other institutional contributions or sponsoring.

Sharable? No

3.9. Counselling to textile companies to preserve and organize their archives

Service providers: Textile Museum of Prato

Service location: Prato

Service overview

The Museum offers its professional advice to local companies planning to organize and store their textile archives. Indeed it has been noticed that not all the companies adopt a structured approach to the storage and archiving of their materials, especially those of historical tradition, whose archives are extremely prestigious and interested. The museum staff has the expertise and the experience to support companies on the latest methodologies for suitable archiving, preservation and cataloguing of textiles collections. Once applied, these methodologies allow textile companies to improve and to structure the consultation of the material by internal staff and to enhance textile heritage spread on the territory. The service includes trial activities of conservation of external companies archives and workshop and courses to coach entrepreneurs and responsible of company archives.

Service language(s): Italian

Service restrictions

Open to all the textile companies of Prato district who make specific request.

Service details

Justification

The added values to the current service are: transferring the archiving culture to local T&A companies and avoiding of loss and dispersion of significant items (for instance, sample books and fabrics which are meaningful to trace the local productive history). Furthermore, the Museum will increase its knowledge of the existing companies archives spread in the territory, helping to promote them to the stakeholders.

Objectives

The aim of the service is to support entrepreneurs and operators of Prato textile and apparel companies to archive their materials following the best practices set by the Museums curators and experts.

Target population

Entrepreneurs and operators of companies of all categories of design (textile, apparel, accessories, interior design)

Resources required

The service needs:

- A responsible for the service to be contacted by the companies and arrange a plan of activities
- Curator of Ancient Collection to evaluate the materials and define the best practice to be followed

- Cataloguers and conservators to assist and support companies in the following of best practices

Resources available

The existing staff from Textile Museum of Prato— like experts, cataloguers, conservators, curators, registrars—is an already available resource. The costs of their counselling during the Project length are covered by the Project itself. After the end of the project the service will need other resources or the payment of a fee.

Sharable?

Yes, experts and staff from the Museum can evaluate and suggest best practices also for textile archives of companies outside Tuscany or from abroad (this service must be arranged differently from the counselling taken to local companies)

4. Training Courses

These services were created mostly to implement a common and shared training offer to be realized in the four territories of the project.

The participants to the first of these courses will be the participants to the TEXMEDIN Design Challenge. They will attend a structured and, at European level, common training pathway, including individualised coaching aiming to help them to exploit in the best way the Inspiring Lab facilities. The aim of this training is, for the young designers, to attend more practical activities than theoretical and to use the facilities offered to them through the Inspiring Labs of TEXMEDIN. The students will have the possibility to use in each of the 4 places an equipped lab with machinery and instruments, as well as other facilities. One part of the all training will be specific to each region.

Additionally some of the participants to the TEXMEDIN Design Challenge will be able to attend a course on Fashion design, research & development of the collection, to fresh up their knowledge about it by meeting professionals involved in this type of work.

A course on the core concerns of TEXMEDIN will also be proposed to all those interested, (including others than the participants to TEXMEDIN Design Challenge), on techniques and features of textile design history, in the Textile Museum of Prato.

Finally a Training course on New Media and Social Networks & their effects in Fashion will be organised in Athens and will be open to all those interested (including others than the participants to TEXMEDIN Design Challenge), while the training materials will be available also on line for those not able to attend it in situ. These courses provide a full view of current technological developments using new media social networking focused on their relevance in fashion and product design.

4.1. Training Courses /Coaching on Fashion Design and Prototyping

Service providers: Carpiformazione (common part) + all (national parts)

When it will open:

- September 2010 for selected designers

Service location: locally in each territory (course); on line (training project and materials)

Service overview

The service offers a training/coaching activity to be implemented in the 4 territories, structured in training modules, some of which common to all the partners territories (giving this way the opportunity to the beneficiaries to attend a structured and, at European level, common training pathway and testing/exploiting at the same time the products/results of the TEXMEDIN project activities).

The training, with a medium length of 60 hours will be therefore structured in a common part of 10 hours, a different one of about 20 hours and a coaching part of about 30 hours.

Service language(s): English/Italian/ Catalan/ Greek

Service restrictions

Reserved to TEXMEDIN partners and selected young Designers and Creators/students/trainees. After the testing, the course will be made available to other potential users

Service details

Justification

Among the activities which can reduce the existing fragmentation of skills between fashion and design on one side, and technical and managerial abilities on the other and which can develop new expertise is the implementation, in the participating territories, of training courses and modules, addressed to the main “actors” involved in the stage of the creation of the fashion product; a training that, exploiting the products and results achieved by the project, is able to foster a strong integration between fashion design, T/A museums, research centres and SME’s, to valorise the sectoral know-how and creative background, focusing on quality, design, innovation and technology, to improve the creation of more qualified professional profiles and to increase entrepreneurship and attractiveness of the sector, especially for young people.

All the project partners have expressed the will to implement a common and shared training/coaching project to be realized in the four territories; anyway they have also pointed out the necessity of designing/realizing modules and contents (in particular the technical ones) specific and different, according to the territories training needs and vocation.

The proposed solution is therefore the design of a training course to be implemented in the 4 territories, structured on training modules, some of which common to all the partners territories (giving this way the opportunity to the beneficiaries to attend a structured and, at European level, common training pathway and testing/exploiting this way the products/results of the TEXMEDIN project activities).

The training project, with a medium length of 60 hours is therefore structured in a common part of 10 hours, a different one of about 20 hours (according to the 4 regions needs and a coaching part of about 30 hours, aimed to support the use/testing of the services offered by the TEXMEDIN project .

Objectives

The training project aims are as follows:

- To experiment the T&A knowledge-base as a fundamental inspiration source and the Inspiring Labs services developed within the project, and give the trainees the competences for seeking, reading and interpreting information in a innovative way.
- To foster the acquisition of skills that enable the trainee to know/evaluate the potentials offered by the technologies/technological innovation, in order to select the most suitable ones, in the R&D activities, product design product sampling and company management.
- To support the acquisition of technical and transversal skills in order to enable the trainees to design/realize fashion products which take into account the company image /resources and the final customer requirements.

TRAINING CONTENTS – (Common to all the 4 territories)

Module 1 – Introduction - 3 hours

Objective:

This module is aimed to present the TEXMEDIN project, its objectives, the main activities, the expected results; it also has the objective to give an overview about the Textile sector and apparel industry in Europe, the main problems and the potential opportunities, the companies typologies, the roles, the more strategic professional profiles. The contents include the presentation of the TEXMEDIN project, the T/A sector in Europe, the T/A production cycle, its main processes, the strategic professional profiles

Module 2 – The European textile heritages – 7 hours

Objective:

The module is aimed to introduce the concept of textile heritage and to present the characteristics of the heritages of the 4 territories involved in the project in general and the knowledge Data Base in particular. The contents include an overview on the main textile heritages in Europe in general and the presentation of the textile heritages of the 4 involved territories, the presentation of the knowledge DB on line as an inspiration tool for the creation of the fashion collection and its use as a source of inspiration

Module 3 (specific for each partner's territory)

This module will be designed by the different partners according to their territories training needs; in some cases the training needs are already identified and included in the present "Facility Charter"; in some other cases the module design will be implemented after the recruitment of the participants, on the basis of their specific training needs....

Module 4 – Coaching of the selected beneficiaries

This part of the activity will be devoted to the coaching of the trainees. They, according to their interests or needs will be able to access the facilities and to exploit them, coached by a trainer or tutor. This part of the activity can envisage visits in companies or to exhibitions, participation to seminars and conferences, feasibility study and prototyping, use of the facilities.

Target population

15 trainees each territory, selected among the Fashion Contest participants. They are fashion students, fashion designers and stylists, coming from fashion schools and centres, business networks, social networks etc. The participation to the training course will give the beneficiaries the opportunity of updating their professional and technical skills, to experiment new ways of searching, finding and interpreting fashion trends and developing the fashion products.

The training course, once tested on the selected target, can be replicated for other participant in order to widen the knowledge/use of the textile heritages as an inspiration source .

Resources required

The service requires:

- ❑ External experts/ trainers recruited among T/A sector technicians/experts, experts of fashion design and CAD systems, teachers of Marketing, Costume history, Fashion design and Information technology. It will be also advisable to involve some “privileged observers” who can bring their contributions and give evidence of some particular case histories and experiences.
- ❑ learning materials (fascicles, handbooks, photocopies ...) prepared by the experts/trainers;
- ❑ Computer Labs equipped with personal computers connected with the online T/A database to allow the trainees to navigate and practise the use of the digital library, together with the users handbook. .
- ❑ Technical software

About the coaching activity, each partner will, on the basis of the needs, put at the trainees' disposal the required facilities (spaces, personal computers, printers, software, fabrics, accessories and so on).

Resources available

- ❑ External experts/ trainers and “privileged observers”
- ❑ Learning materials (fascicles, handbooks, photocopies...) prepared by the experts/trainers;
- ❑ Computer Labs equipped with personal computers connected with the online T/A database to allow them to navigate and practise the use of the digital library, together with the users handbook
- ❑ Technical software

Sharable?

YES.

The value of the training proposal increases with the possibility to duplicate the courses implementation for other beneficiaries; in particular Carpiformazione will put at the partners and trainees disposal its catalogue of courses which include all the stages of the research, development, design of the collection, sampling and production.

4.2. Refresher training courses on Fashion design, research & development of a collection

Service providers: Carpiformazione

When it will open:

- On demand
- September 2010 for selected designers

Service location: Carpi

Service overview

This service offers training courses, workshops and laboratories, aimed to give a qualification to young people (19-32 years old) who want to work in the Fashion industry and aims to update the competences of people working in the T/A sector. The courses contents are related to different subjects in the field of research, development, design of the fashion collection.

The training courses will take place in Carpiformazione and will use specialized equipments.

Service language(s): Italian

Service restrictions

Open to everybody with registration.

Service details

Justification

Carpiformazione is specialized in the field of the design and implementation of training courses and services related to fashion, textile and clothing. The Organization, in these years has searched and adopted methodologies and tools for the training needs survey/ evaluation and for the design/planning of different typologies of training courses; these methodologies allow Carpiformazione to manage a lot of training activities in the fields of the design/sampling, of the collection, the industrial production, the product marketing and distribution, the company management, the human resources management.

Every year the Centre draws up a training plan, including qualification courses for young people (with different characteristics) and courses for people who already work in the knitwear and clothing sector (advanced refresher courses, re-qualification courses etc)

Within the TEXMEDIN project, the added value will be the increase of the offer - more practical workshops and laboratories - thanks to the possibility to exploit equipped laboratories with machinery and tools.

Objectives

The aim of the service is to provide refresher training courses to fashion and textile designers, students, technicians, researchers and other users. These courses (from 25 to 60 hours) are aimed to give/update the knowledge/competences in order to make the trainees able to implement the fashion collection design and sampling, starting from the research/analysis of information sources and fashion trends, passing through the planning, the design and the prototyping of fashion products through the use of innovative techniques and tools and the adoption of methodologies for analysing the consumption attitudes, the consumers needs, the

social and cultural phenomena which influence fashion, the marketing policies the competitors actions and so on.

The courses that can be implemented within the organization are as follows:

- Design of the collection techniques
- Computer graphics for the design of fashion products
- Textile materials: fibres, yarns, fabrics: denominations, use, quality
- Pattern making techniques (basic, advanced, using CAD)
- Knitting techniques and technologies
- Sewing and assembly techniques

Target population

Fashion designers and Fashion students selected among the Fashion Contest participants.
Fashion and textile designers; fashion and textile students; T/A company employees; researches in Fashion field.

Resources required

The service requires:

- External experts/ trainers recruited among T/A sector technicians/experts, experts of fashion design and CAD systems, teachers of Marketing, Costume history, Fashion design and Information technology. It will be also advisable to involve some “privileged observers” who can bring their contributions and give evidence of some particular case histories and experiences
- Learning materials (fascicles, handbooks, photocopies...) prepared by the experts/trainers
- Computer Labs equipped with personal computers connected with the online T/A database to allow the trainees to navigate and practise the use of the digital library, together with the users handbook
- Technical software

Resources available

- Experts/ trainers and “privileged observers” (to be recruited externally and paid for their lessons)
- Learning materials (fascicles, handbooks, photocopies...) prepared by the experts/trainers
- Computer Labs equipped with personal computers connected to internet and softwares for the design collection and representation
- Technical software
- Knitting laboratory with machinery
- Sewing Laboratory with machinery

Sharable?

Yes (exchange of ideas or experts in different fields)

4.3. Training courses on techniques and features of textile design history

Service provider: Textile Museum of Prato

Service location: Prato

Service overview

This service offers more practical workshops and laboratories.

The aim of the service is to provide training courses to fashion and textile designers, students, technicians, researchers and other users about different techniques and features of textile design, history and making techniques (hand weaving, digital weaving, digital printing, natural dyeing, felt making, embroidery...).

The training courses will take place in the Inspiring Lab spaces and will use specialized equipment and qualified personnel.

Service language(s): Italian

Service restrictions

Open to everybody with registration

Service details

Justification

The added value will be the increase of the offer of training courses and workshops – more practical activities than theoretical thanks to the possibility to exploit an equipped lab with machinery and instruments – to rediscover ancient and traditional textile techniques and conserve the tacit know-how. These courses aim to increase the skills of professionals and designers and to offer inputs for their work.

Objectives

The aim of the service is to provide training courses and workshops to fashion and textile designers, students, technicians, researchers and other users about different techniques and features of textile design, history and making techniques. The contents of the courses will be defined considering the needs of the participants. For instance: hand weaving, digital weaving, digital printing, natural dyeing, felt making, embroidery, macramé and many others. The training courses will take place in the Inspiring Lab spaces and some of them will need a specialized equipment.

Target population

Fashion and textile designers; fashion and textile students; furniture and interior designers; companies of all categories of design, archivists from museums and private collections; restorers and researches in textile field.

Resources required

The service needs:

- A programmed agenda of courses and a registration service
- Qualified assistance personnel to assist and support trainers
- Experts and teachers in different fields recruited by their experience and curriculum

- Architects who project the equipped lab to deliver the service
- Equipped Lab with tables, looms - handlooms and electronic looms - pc, printer, copier, scanner, textile CAD software, consumable materials such as yarns, fibres, raw fabrics, handbooks and a storage for materials

Resources available

Costs of personnel that are covered by the project: assistants, experts, technicians, teachers, architects.

Costs covered just partially by the project: sustainability of the service after the end of the project. The service will be delivered as an experimental activity within the project, subsequently there'll be needed additional resources or/and the payment of a fee.

Purchase of equipment (investments costs) will be covered by the project just in a small amount.

Sharable?

Yes (exchange of ideas or experts in different fields).

4.4. Training course on New Media and Social Networks & their effects in Fashion

Service provider: HCIA

Service location: locally (course) online (course content)

Service overview

Course material and course. The topics treated will include:

- Current technological trends (Streaming media, Social networks/blogs, YouTube, Facebook, Twitter, Podcast, MySpace, Wiki, Virtual Reality)
- State of the art in fashion using social networks (Co-design, style communities)
- Analysis of existing fashion communities practices (Portals, categorisations, e-shops, registration policies, topics, specialties)

Service language(s): English and Greek

Service restrictions

Courses offered in HCIA premises in Athens and reserved to selected designers and creators; requires registration

Training Materials: available online to all TEXMEDIN partners for possible use

Service details

Justification

A review of current technological developments using new media social networking focused on their relevance in fashion and product design is not currently available in Greek.

Objectives

Provide a full view of current technological developments using new media social networking focused on their relevance in fashion and product design and identify specific examples of industry applications in the EU countries, including specific proposals for the development of new teaching methods.

Target population

Fashion designers, creators, co-designers, style communities

Resources required

The study, recording and processing of all data relating to current technological developments using new media social networking. The study of cases proving their relevance in fashion and product design.

Resources available

External expert hired.

Sharable?

YES

5. Collaborative Design Facilities

Under this chapter we have grouped three facilities: a collaborative platform, the Inspiring Labs Cluster social network and a platform to access and share to know-how related to T&A sectors.

These services serve to build online communities of people who share activities and interests, work together from a distance and share and promote their know-how.

The Labs Cluster social network serves the first objective. It is a space of exchange and of brain storming. Social networking and exchange are important points of collaboration and they are needed to conserve the knowledge and the transmission of know-how.

The Labs Cluster social network is the major tool to open up to broader communities which is the aim and goal of the project.

The collaborative platform is serving the second objective: organise and perform collective work on selected projects. It is a powerful tool for small enterprises and independents. These solutions encourage creativity and innovation while structuring the creation process an enabling collaboration between all the actors.

The know-how platform is serving the third objective. It will allow young designers to find know-how required for the realisation of their ideas and to promote and share their own know-how.

5.1. Social networking

Service provider: Municipality of Prato

Service location: online

Building online communities of people who share activities and interests: it is a space of exchange and of brain storming (activity within groups, cross-participation, polls) and a unique link with professionals, experts and specialized staff.

The participants become co-designers of the museums and can have responses to their questions and learn anything they need.

Moreover, it is a big marketing effort, a user-driven innovation, a shorter time-to-market and it is a good indicator to evaluate added-value.

For the museums, it will broaden their role and help them expand.

Service language(s): English

Service restrictions

None

Service details

What: “A social network service focuses on building online communities of people who share interests and/or activities, or who are interested in exploring the interests and activities of others.” This service provides a social network specifically designed for the TEXMEDIN project’s Inspiration Lab and its stakeholders. The web-based social network environment addresses different user groups in the value chain as open communities that include both sector experts and the general public. These communities interact both within their groups (e.g. discussions on museum archiving systems) and across groups (e.g. design students and textile manufacturers) in a structured environment.

How: Launching of the social network includes four main phases:

1. Set-up. The website is arranged with an attractive layout and design, a set of key animators is enlisted, main groups and forums (both open to the public and invitation-only) are set up, and start-up resources (documents, photos, videos, RSS feeds) uploaded or configured. The first visitors must find an interesting, useful and dynamic environment from day one.

2. Enlistment. Invitations are sent out to partner mail lists, with cross-posting on general public networks (Facebook, MySpace, LinkedIn, etc.) and opinion-making blogs. The first subscribers are greeted with particular care to ensure they return.

3. Animation. and structuring As the network develops, the more active users take over some functions of greeting users, replying to questions, etc. and service responsible shift to a role of general animation and structuring of groups and forums to accompany the evolution of social interaction and content development.

4. Network analysis. As a means of providing feedback to both the management of the social network and above all the stakeholders (TEXMEDIN project partners), network analysis can be carried out at regular intervals to map the social interactions taking place. Network analysis can be based on simple statistics produced by the web service itself or sophisticated software tools using web crawlers, agents, and so on.

When: Set-up and launching can occur over a period of 1-3 months. The network should be fully populated (critical mass) after about 6 months

Justification

By joining the growing number of social networks on museums, textiles and fashion and interlinking with their user communities, a well-conceived Inspiration Lab Social Network could attract large numbers of users throughout the world with a significant impact for TEXMEDIN dissemination and marketing efforts.

For the Inspiration Lab, however, the role of the Social Network is not only as a viral marketing tool but a key means for user involvement and co-design within the Living Lab methodology. In this context, the main added value of the Living Lab approach – user-driven innovation means increased market acceptance and shorter time-to-market – also applies to TEXMEDIN both as concerns the role of museums within the Inspiration Lab and the designs and products it produces.

Finally, the web-based Social Network environment and its network analysis tools provide a broad set of indicators to evaluate added value. The most commonly used include: number of users and messages, activity within groups, network density (friend links), cross-participation in groups. In addition, on-line polls to gauge user satisfaction can be implemented.

Objectives

The Social Networking service directly fits with the TEXMEDIN objective of broadening the role of textile museums and opening up to broader communities both professional and of the general public. It can be a key component of the Inspiration Lab strategy of museum-as-a-service as well as constructing a Mediterranean (and global) network of T&A museums and the professionals working in them.

The broader community of students, designers and the general public thus becomes an active part – indeed, co-designers – of the museum-as-a-service concept. By introducing a social dimension to research – users comment on and share insights on archives, sources and collections – the contribution museums can make to innovative designs and T&A concepts is greatly enhanced.

Target population

The target population includes all of the TEXMEDIN stakeholder categories, only broadened to the global scale.

Resources required

The main resource necessary is expertise and experience in the management of on-line communities.

Museums and TEXMEDIN project partners participating in the Inspiration Lab will need to make multimedia content related to their collections available, but above all allow for the occasional participation of their specialised staff for interaction with the peer communities present in the social networking platform

Resources available

IPR will be the responsibility of the user providing content. Generally, social networking platforms allow for both public and private group spaces, users to choose whether to allow others to download files and in some cases the assignment of Creative Commons licenses.

Sharable?

The value of Social Networks increases with the greatest possible number of active users; the service is thus conceived to interlink all Inspiration Lab sites in a coherent environment. The main issue is language; the main service will be in English, with sub-groups established in partner native languages.

5.2. Collaborative platform

Service provider: IFTH

Service location: online

Service overview

This service gives an online access to an integrated set of tools that are usually not affordable for very small enterprises and particularly for independent designers.

The platform is permanent and accessible from anywhere.

It offers virtual collaborative design and online services.

The prototyping costs are lowered thanks to different functionalities offered to the user (low costs and lower time of creation).

Who will benefit from it?

The designers (new models based on heritage)

The brand managers (new style launched based on a traditional model)

The fabric designer (existing models to derive new design)

The pattern makers (transformation of aesthetic design into technical one).

Service language(s): English/French

Service restrictions

Reserved to TEXMEDIN partners and selected Young Designers and Stylists

Service details

Justification

PLM/PDM provides solutions that help improve efficiency at each stage of development process. These solutions encourage creativity and innovation while structuring the collection creation process an enabling collaboration between all the actors.

In order to “work together”, PLM/PDM create a competitive advantage by creating an information infrastructure that integrates business processes and product data.

Such a solution aiming to put investments in common will lead to a very low prototyping cost only based on the consumption of the functionalities selected by the user. There is currently no other solution available on the market and offering integrated services open to any legacy products. Existing solutions are offered by the CAD and ERP providers for their own products. The benefit of the platform including the services enumerated below will lead to a reduction of the time necessary to create a new product by roughly 30%) together with a reduction of 30% to 40% of its cost and the reduction by 1/3 of the number of prototypes to be physically produced in comparison to the traditional creation process.

TO SUPPORT IN A CREATIVE APPROACH PROFESSIONAL DESIGNER'S METHODOLOGY

A professional designer implements an accompanying program, to reinforce creation staff, base on:

- Developing the concept
- Making representation (drawing etc.) or models for the products offer
- Taking into consideration how the product will look, how it will be used and how it will be made

- Improving uses of numerical tools.

TO BE IN LINE WITH THE INDUSTRY'S ATTEMPT

According to a market research from Gartner Group (January 09), nearly 70% of Textile Industries should implement or re-implement PLM/PDM in the next 3 years.

This acceleration emphasizes the importance of the PLM issue to the sector. It's necessary to take part of this revolution and to invite our target, young creators & Designer, to do the same.

TO REDUCE DELAYS

A central information infrastructure allows companies to organize, manage and share all data related to the development of the project.

Objectives

The mains goals of these infrastructures are:

- To provide continuous decision-making support,
- To assure the traceability of information flows,
- To optimizes the collaborative modes used inside the structures and between structures
- To allow eco-innovation

The collaborative platform aims to provide designers with a set of services fostering and speeding up the creation of new products. The services offered online will be linked to several data sets, anthropometric database, material library and museum archives thus leading to multiple simulations in terms of model, size or fabrics. The access to the museum archives is of major importance in the creation process for generating new ideas based on traditional Mediterranean models but also for enhancing the material library with new fabrics inspired by the museum collections.

Target population

The collaborative platform will address firstly the designers having in mind the creation of new models based on cultural heritage. A second category of users will be the brand managers intending to launch a new style making use of traditional models. Another category is the fabric designers who will benefit from existing motifs to derive new designs. Pattern makers will also benefit from the archives of the museum to better understand the sketch of the designer from the original model in order to guarantee the reliability of the transformation of the aesthetic design into a technical one.

Resources required

For its exploitation, the platform does not require resources in addition to the development team. However, an online training module will be necessary to make the user able to perform the service.

Resources available

The platform will be made available for experiment to the TEXMEDIN partners as well as to the selected young designers. A temporary virtual work area including password will be allocated to each user. All along the project duration, the access to the platform will be free of charge. The cost of this service non covered by the budget concerns the server and disc resources as well as the maintenance and reporting work.

IFTH can give access for each user and provide support on it (training, type of use etc.)

Sharable?

Yes

5.3. Know-how sharing and promotion platform

Service provider: IFTH with the support of CLOTEFI

Service location: online

Service overview

This service gives an online access to an integrated set of tools to :

- identify professional job profiles who play key roles in textile and clothing
- find curricula to access to job positions requiring these job profiles
- find documented know-how used in textile and clothing
- document, share and promote know-how detained

The platform is permanent and accessible from anywhere (www.passage-know-how.eu) to registered users.

Service language(s): English/French/Italian/Greek

Service restrictions

Reserved to TEXMEDIN partners and selected Young Designers and Stylists

Service details

Justification

Know-how in textile and clothing is very rich but it is often kept secret and rarely shared. PASSAGE project has just developed a platform for the management, documentation and valorisation of European textile and clothing industries know-how and offers a unique place to discover samples of it.

Young designers needing to know, for improving their designs and realizing their prototypes, where to find know-how to do it, will take benefit of this platform.

Furthermore in the same platform they will find information about different careers (job profiles) offered by textile and clothing industries and information on pre-requests to access to them (including information on how to complete their curricula and experience to pretend to this kind of jobs).

Finally areas on the platform offer them the possibility to document their own know-how and make it visible to potential clients or employers or to share it with other designers in view of enriching it by exchanges with them.

Objectives

The access to the Passage-know-how platform will offer to young designers the possibility:

- ❑ to learn about job profiles in textile and clothing, what is their job and what is required to be hired in such positions
- ❑ to find know-how they may need for improving their designs and realizing their prototypes
- ❑ to document their own know-how to make it visible on line and attract the interest of business actors and professionals who could use their services
- ❑ to share their know-how with other designers

Target population

TEXMEDIN partners and selected Young Designers and Stylists

Resources required

The use of the platform requests individual subscriptions and an initial training which will be offered for free for the duration of TEXMEDIN project, by IFTH (in Lyon) and CLOTEFI (in Athens).

Resources available

The platform is available on-line with the described functionalities, as a prototype, for use and tests.

Sharable?

YES

6. Prototyping Facilities

Under this section are grouped tools and services primarily devoted to support the prototyping of the project works developed by the young designers and stylists selected in the framework of the TEXMEDIN Design Challenge. After testing the prototyping service with the participants to the TEXMEDIN Design Challenge, it could be extended to local stakeholders (designers, students, companies) and it could become a permanent service of TEXMEDIN Inspiring Labs.

These services have been mainly created to help the users to create prototypes of their designs by providing them in a real time help for their work to transform their initial design in prototypes.

They offer facilities such as the possibility:

- to get on line patterns adapting historical clothing to modern body types with a minimum cost (Macro-Pattern service) to start their work of transformation of objects having inspired them
- to manipulate and have a view of how objects coming from T&A Heritage can look like if put in a different context (3D Coating Tool)
- to adapt objects to specific target clients (anthropometric and morphotypes data provision)
- to adapt their creations to the requirements of specific markets (EHS tool)
- to use local services for supporting the design and prototyping of their ideas (CAD facilities and prototyping equipment and experts to help them in using it)
- to find people able to make a real prototype (Prototype realisation services)

The access to these services is very easy. They provide standardised and reliable data, usable on most virtual design and prototyping tools and enable to integrate and simulate different constraints before producing a final and real prototype.

Some of these services are also very innovative (the EHS Regulation for example) as they will indicate if the selection of a material is compatible with the regulation according to the use, the geographical area and the population which is a completely new tool on the market which provides the user with all the necessary rules and regulations without having to deal with these problems.

These services, mostly available on line and easily sharable by all are aimed to support designers, students and companies in developing innovative products and projects while integrating real market constraints.

6.1. Macro pattern service

Service provider: Municipality of Prato

Service location: online

Service overview

It is the analysis of apparel according to traditional cutting practice with each line of pattern drawn as a mathematical function.

The layout and mathematical formula are entered into a Macro-Pattern file using specific software.

The macro patterns are based on a historical analysis of a series of sources, from museum catalogues to period paintings.

→ This service is very useful as it can be used to generate typical sized CAD patterns for standardized sizes and gives photo documentation.

→ It can also be used as means for cataloguing apparel collections and reduce the need to physically inspect the original item.

→ The knowledge required to adapt historical clothing to modern body types can be easily shared.

→ It also improves the cataloguing of museums and the conservation of museums

→ It improves the interface with the World of fashion and design for a better understanding of the real make-up and the creation of modern expressions.

→ It gives a direct access and a ease of use for pattern makers.

The service can be shared with other Inspiring Labs.

It can be applied if desired to apparel collections of different partners of the TEXMEDIN project.

Service language(s): English/Italian

Service restrictions

On demand, by Museums or selected designers and creators, for a limited number of pieces each.

Service details

Justification

Expert cutters generally use the traditional technique of interpreting a pattern as a function of body measurements, but this knowledge is tacitly embedded in each pattern drawn rather than explicitly represented as is the case of the Macro-Pattern file. The file thus allows for one analysis to be re-used over time, and can be used as a means for cataloguing apparel collections and reducing the need to physically inspect the original item.

In addition, the Macro-Pattern can be transmitted electronically so that all of the knowledge required to adapt historical clothing to modern body types can be easily shared across different locations with a minimum cost. The ease with which the Macro-Pattern can be adapted to different body measurements and body types increases the potential to inspire fashion designers of different cultures around the world. The Macro-Patterns are based on a historical analysis of a series of sources, from museum catalogues to period paintings.

Objectives

The Macro-Pattern service enables textile and apparel museums to improve their cataloguing and the conservation of their collections on the one hand, and to improve their interface with the world of fashion design on the other. By being able to analyse the patterns of historical apparel transformed into sizes that make sense for their work, fashion designer gain a far better understanding of the real make-up of historical apparel than is possible through only museum displays and photographs. This leads to more faithful interpretations and an improvement in the quality of construction of modern designs.

Target population

- Young designers who can better appreciate how the complex art of cutting has evolved through the ages, and faithfully interpret historical designs for modern expressions.
- Pattern makers who can have ready access to a thorough documentation of historical fashions that is not limited to generic patterns but also contains the knowledge required to cut them to different sizes.
- Museum conservationists and archivists who require means of representation of their collections that convey the essence of their construction while reducing the need for physical handling.

Resources required

An estimate of the cost per model can be made in relation to a specific collection with the objective of realising a minimum number of Macro-pattern files sufficient to test the service.

Resources available

IPR is claimed for the original Macro file, while the patterns generated from it are the property of the owner of the original garment.

Sharable?

The service can be shared with other Inspiring Labs.

The service can be applied, if desired, to apparel collections of the different participating partners. In addition, the Macro-Patterns made from the analysis of one collection can be easily transferred to designers in the different locations.

6.2. 3D Coating Tool – Mocath

Service provider: IFTH

Service location: online

Service overview

Mocath, the 3D solution to coat objects with a selected fabric allows the user to see the fabric in a realistic environment.

Service language(s): English/French

Service restrictions

Use of fabrics samples of TEXMEDIN database. Additional samples or creation of additional objects to coat not included.

Service details

Justification

It's still difficult for a designer to take a decision about a square flat fabric without size information.

Objectives

TO TAKE PART IN TECHNOLOGICAL REVOLUTION : CREATION TOOLS

3D tools provide all the innovating tools and support needed to create and manage collections from A to Z while maintaining optimal creative possibilities.

- Innovating tools : Easily define styles, create products, test product variations and create storyboards
- Saving time: Reduce the number of prototypes, speed up exchanges, capitalize on bases.
- Being attractive: to be identified, communicate, add complementary offer, acknowledge the customer's new expectation

Target population

Young creators & Designers

Resources required

The 3D tools must be easy to use to address the final user without training. IFTH, can prepare the work in relation with data base editor.

Resources available

Tools are already done.

Sharable?

Yes

6.3. Anthropometric data and morphotypes provision

Service provider: IFTH

Service location: online

Service overview

Online data, providing statistical information (national sizing)

Service language(s): English/French

Service restrictions

A sample of anthropometric data will be made available for experiment

Service details

Anthropometric data and morphotypes, will be accessible online through the platform providing statistical information regarding the market dimension in terms of sex-age-size. This service will be linked to the other online product development tools and will be used according to a user interface enabling the selection of morphotypes or specific anthropometric data for virtual try on simulation.

Justification

This service offers the results of a national sizing survey carried out by a TEXMEDIN partner and is therefore unique. The access is very easy providing standardised and reliable data thus enabling a better model adaptation to the consumer morphology.

Objectives

Museum collections which are related to models designed in the past are based on former morphologies and therefore should be redesigned according to the current ones. The set of updated data offered by the service will lead to a better understanding of the changes that must be applied on the models.

Target population

The anthropometric data will be used by the designers and pattern makers aiming to fit better with a category of morphotype or to customised models according to a specific consumer morphology. Morphotypes will also be of interest for the marketing and/or the collection managers in order to focus on a target population representing a significant market share.

Resources required

For its exploitation, this does not require any additional resources.

Resources available

A sample of anthropometric data will be made available for experiment to the TEXMEDIN partners as well as to the selected young designers. The cost of this service covered by the budget concerns the preparation of the sample and the link to the platform.

Sharable?

Yes

6.4. EHS Regulation online tool

Service provider: IFTH

Service location: online

Service overview

This service will indicate if the selection of a material is compatible with the regulation according to the use, the geographical area and the population. It is a completely new tool on the market. It will be used by fabric and garment designers early in product development process in order to make sure that the selected material is acceptable compared with the regulation.

Service language(s): English/French

Service restrictions

Available on demand by registration to TEXMEDIN partners and young designers

Service details

Justification

EHS tool is a totally new product on the market. It will need a specific user interface dedicated to fabric and accessories manufacturers but also to garment producers able to provide the right information.

Objectives

The fabrics characteristics of the museum archives will give very useful information about the materials and processes used for the production of fabrics. It will provide a decision making support to develop new fabrics based on this cultural heritage but in line with the EHS regulation.

Target population

The EHS tool will be used by the fabric and garment designers, early in the product development process, in order to make sure that the selected material is acceptable compared with the regulation.

Resources required

For its exploitation, this does not require any additional resources.

Resources available

A ready made data set will be made available for experiment to the TEXMEDIN partners and to the designers. The cost of this service not covered by the budget concerns the preparation of the sample and the link to the platform.

Sharable?

Yes

6.5. Local services for supporting the design and prototyping of the young designers ideas

Service provider: Foment of Terrassa

Service location: Terrassa

Service overview

The following services will be provided:

CAD (Computer Aided Design):

A team of external experts will develop using CAD Systems the designs carried out by the designers, in their own specialised laboratories and workshops. The CAD Systems offered will allow the design of yarns and fabrics, and also the virtual simulation for apparel and home textiles, in order to evaluate, basically, the aesthetic aspects of the design.

Prototyping:

Manufacture of samples and realisation of prototypes. Equipment for spinning, knitting, finishing and dyeing machinery will be used for producing prototypes. External experts will manufacture the samples based on CAD designs and specifications provided by the designers, in the process: spinning, knitting, finishing and dyeing.

Service language(s) : Catalan, Spanish

Service restrictions

Delivered only locally for the young designers, with appointment.

Service details

Justification

Local capacities existing in Catalonia in textile research, technological innovations, technology transfer and lot of services addressed to the industry will be mobilized to deliver this service.

The Foment of Terrassa will sub-contract the delivery of parts of this service to a multidisciplinary external team. The TEXMEDIN project will be able to take benefit from these services for the young designers.

The Foment of Terrassa has a clearly will to offer to the industry, especially to SME's, the innovation technology for the new development products that they allow the business reorientation and establishing new evolution lines.

Once finalised the project the designers will have the possibility of having their prototypes (yarns or fabrics) that can be validated technically, and commercially prepared for its industrial implantation.

For a maximum warranty of confidentiality of the new technological developments and the new designs, confidentiality commitments will be included in the sub-contract with the multidisciplinary external team which will be selected to participate in the provision of the service.

Objectives

To put at the designers disposal the possibility of developing the real process of productions, talking about a prototype, of their designs, with the needed technological support.

Target population

The selected young designers of the TEXMEDIN Contest.

Resources required

The service needs:

- Qualified personnel and experts to develop the jobs entrusted by the users, either in the CAD System or in prototyping.
- Specialised equipment and machinery.

Resources available

Costs will be initially covered by the TEXMEDIN project and the service will be delivered as an experimental activity within the project. Subsequently there will be needed additional resources and/or the payment of a fee.

Sharable

Yes

6.6. Prototype realisation services

Service provider: Textile Museum of Prato

Service location: Prato

Service overview

No service like this is already provided by the Museum.

The aim of the service is to support designers, students and companies in developing new products and projects.

The service born from the awareness that prototyping isn't much available either in schools (haven't got equipped labs) and in textile manufacturing: it's not easy to make samples of fabrics for privates especially for students.

This service contemplates that the Museum will work together with some companies of Prato textile district to supply all the services that can't be provided inside the Museum, in a networking logic.

It will be used by fashion and textile designers & students, design companies, archivists, restorers and researchers.

Service language(s): English/Italian

Service restrictions

Service delivered within the Prato Textile Museum Inspiring Lab

Service details

Justification

No services like this is already provided by the Museum, and since it's not provided by many other institutions (just some professional schools, or small companies) in the territory of Prato it could become a new and interesting offer.

Objectives

The aim of the service is to support designers, students and companies in developing new products and projects. The service borns from the awareness that prototyping isn't much available either in schools - which most of the times haven't got equipped labs - and in textile manufacturing: thus it's not easy to make samples of fabrics for privates and, above all, for students. This service contemplates that the Museum will work together with some companies of Prato textile district to provide all the services (e.g. laser printing or jacquard weaving ..) that can't be provided within the Inspiring Lab, in a networking logic.

Target population

Fashion and textile designers; fashion and textile students; furniture and interior designers; companies of all categories of design, archivists from museums and private collections; restorers and researches in textile field.

Resources required

The service needs:

- A secretary office for appointments

- Qualified personnel and experts (textile technicians, mechanical technicians) to support users and help finalizing their projects;
- Architects who project the Lab to deliver the service
- Personnel for the disposition and adjustment of equipment
- Equipped Lab (tables, looms - handlooms and electronic looms - pc, printer, copier, scanner, textile CAD software, consumption materials);
- A database of companies and labs which can provide other specialized services (printing, weaving etc.) and a chart containing the list of the additional services agreed with the Museum.

Resources available

Personnel involved, whose costs are covered by the project: assistants, experts, technicians, architects and companies. Costs covered in a small part; sustainability of the service after the end of the project; the project covers the costs of some experimental activities of prototyping, subsequently the service will be financed by other resources or/and by the payment of a fee. The Museum will agree with companies for a special fee to supply the services. The purchase of equipment (investments costs) is just partially covered by the project.

Sharable?

No

7. Young Designers Promotion Services

The promotion of entrepreneurship to young designers and the provision of services to help them to set up their business are the common scope of the services grouped under this section.

These services are focused on their needs and on their future activities in the textile companies.

The young students will be introduced to the idea of set their own business through specific actions offered by the first of these services.

A second service will allow the most motivated of them to meet entrepreneurs, test with them their business ideas and with the support of tutors of the project confront with real market actors and consolidate their business ideas.

A third service will help those who are ready to face all the often complex process of creating their own company.

7.1. Actions to promote entrepreneurship among design schools' students

Service providers: Foment of Terrassa

When it will open:

- September 2010

Service location: Terrassa

Service overview

This service will be possible through interviews, workshops and meetings, the students' needs will be analyzed and, consequently A specific program of entrepreneurship will be designed. Additionally, an analysis of value chain design-fashion will be done to identify areas that might be useful in providing services to new designers who are creating their own work collection. That is, from existing documentation and analysis of the set of supports that are available today to new designers that want to create their own company, we will study the areas where it would be more feasible and profitable influence from the Inspiring Labs

In this sense, museums and heritage of our territories textiles could provide inspiration for the creation of textiles by designers. Do not discard the possible generation of synergies (and specific agreements, if any) with the Textile Museum of our municipalities so that they are source of inspiration for textile collections.

It will be a service mainly for young designers and entrepreneurs.

Service language(s): Spanish - Catalán

Service restrictions

Local – may be transposed also in other regions later

Service details

Justification

All the services described in the previous section do not currently exist and therefore it can be stated that provide much added value as it has been detected that are areas in which currently the public administrations do not act but are services needed by designers. Within a few years, we could detect an increase in the number of viable businesses created by designers.

All help to promote business creation by designers, as well as tools to facilitate the consolidation of these business ventures.

Objectives

Obviously this service is one of the main TEXMEDIN objectives. The particularity of the Foment of Terrassa, is that, as public local administration, Foment promote and consolidate the creation of new quality business with a sense of the future from the idea to viable trade and our goal is to increase the chance that a start-up will succeed and shorten the time and reduce the cost of establishing and growing its business. Our economic and socioeconomic reality needs creating jobs and wealth, fostering a community entrepreneurial climate, technology commercialization, diversifying local economy, building and accelerating growth of local industry clusters, business creation and retention, encouraging young entrepreneurship, identifying potential business opportunities and community revitalization.

In this sense, museums and heritage of our territories textiles could provide inspiration for the creation of textiles by designers. Do not discard the possible generation of synergies (and specific agreements, if any) with the Textile Museum of our municipalities so that they are source of inspiration for textile collections.

Nowadays, the services provided from Foment of Terrassa are basically focused on giving the services in a general sense, directed to any types of collectives and entrepreneurial initiatives. The TEXMEDIN project will allow us to open a new field of activity in the local area, offering the services especially to the new designers in order to promote the talent, creativity and new activities related to the knowledge.

Target population

Young designers and entrepreneurs.

Resources required

The implementation of the services described will require staff of public administrations, as well as a site to locate the services.

Resources available

All resources are available; initially, costs could be covered by TEXMEDIN budget. However, for a full development of the services described, we need to cover the costs of external collaborations.

Sharable

The TEXMEDIN experience will allow Foment of Terrassa to transfer the methodological aspects of the news services offered to the other partners.

7.2. Face to face meetings for new designers to present themselves to textile companies

Service providers: Foment of Terrassa

When it will open:

- September 2010.

Service location: Terrassa

Service overview

This service is possible through the support of the public administrations, it will be scheduled a "Meeting between designers and business companies". Thus, the meeting will be a space for communication with the market and an interesting experience of commercial techniques for designers.

Service language(s): Català/Spanish

Service restrictions

Delivered only locally – May be transposed also in other regions later – Open to Designers selected by TEXMEDIN Contest (those in other regions may apply too).

Service details

Justification

All the services described in the previous section do not currently exist and therefore it can be stated that provide much added value as it has been detected that are areas in which currently the public administrations do not act but are services needed by designers. Within a few years, we could detect an increase in the number of viable businesses created by designers.

All help to promote business creation by designers, as well as tools to facilitate the consolidation of these business ventures.

Objectives

The main objectives of this service offered by Foment of Terrassa are to facilitate the acquisition of skills and knowledge of the reality of the actual fashion and industrial market by the designers.

Target population

Young designers and entrepreneurs.

Resources required

The implementation of the services described will require staff of public administrations, as well as a site to locate the services.

Resources available

All resources are available; initially, costs could be covered by TEXMEDIN budget. However, for a full development of the services described, we need to cover the costs of external collaborations.

Sharable

The good results of this action can be a best practice for all partners.

7.3. Support of designers throughout the process of creating a company

Service providers: Foment of Terrassa

When it will open:

- September 2010.

Service location: Terrassa

Service overview

As happens in incubators (or business centres), designers have at its disposal a whole range of support services in the process of creating their company: information, training, accompaniment (with emphasis in the commercial action), advice on different areas of business management, data on processes and fiscal obligations, etc. The services will be provided, on the one hand, by personnel of public entities responsible for the Laboratory and, on the other, if necessary, by external consultants, experts in the field. Municipal policies for jobs creation and the promotion of business activity are developed through the Local Development Agency of the Terrassa Municipal Authority, whose services provides assessments and the most suitable type of aid. Its experts work with business in the start-up phase, and also enable contact with other companies, institutions and financial bodies.

Foment has a Business Incubator that works to help businesses find sites so that they can begin activity, and also promotes training, university projects and new initiatives. It's involved from the initial business opportunity identification phase right through to strategic consultation services.

Business Service of Foment of Terrassa works directly with workers and management and one of its main aims is to promote self-employment and small companies by helping them in their development stages.

In the framework of the TEXMEDIN Project, the activities are aimed at spreading entrepreneurial culture, facilitate the creating through information and counselling for textile entrepreneurs accompanying them in elaborating de company plan and providing help to set in motion.

The Business Incubator wants to promote employment and focuses its support on those who are interested in developing a specific business project. on those who have the knowledge, skills and talent to start up and initiative and those who have an entrepreneurial spirit and want to boost it.

One of its main activities is the customised counselling for entrepreneurs based on technical counselling focussed on the elaboration of their business plan and on obtaining the necessary knowledge to carry it out. The entrepreneur also receives technical guidance on financing, legal aspects, legal forms as well as the necessary procedures for setting it up and getting it started.

Service language(s): Català/Spanish

Service restrictions

Strictly local

Service details

Justification

All the services described in the previous section do not currently exist and therefore it can be stated that provide much added value as it has been detected that are areas in which currently the public administrations do not act but are services needed by designers. Within a few years, we could detect an increase in the number of viable businesses created by designers.

Small and medium-sized enterprises are considered to be one of the principal driving forces of local economic development. They stimulate private ownership and entrepreneurial skills, they are flexible and can adapt quickly to changing global market demand and supply situations. The little companies generate employment, help diversify economic activity and make a significant contribution to export and trade. A lack of legislation, a limited understanding of entrepreneurship, and lack of infrastructure and financial means are major obstacles to designing appropriate policies for developing small and medium initiatives.

We can develop societies entrepreneurial initiative. Foment of Terrassa has now become one of the principal engines of innovation in the city of Terrassa, promoting change, making ideas reality and identifying new opportunities. And Foment provides a nurturing, instructive and supportive environment for entrepreneurs during the critical stages of starting up a new business.

Objectives

All help to promote business creation by designers, as well as tools to facilitate the consolidation of these business ventures. The objective is too to define a clear vision, mission and strategic goals of the new projects by designers.

Target population

Young designers and entrepreneurs.

Resources required

The implementation of the services described will require staff of public administrations, as well as a site to locate the services.

Resources available

All resources are available; initially, costs could be covered by TEXMEDIN budget.

But to turn I. L. into a permanent service, we must develop the personalized service and a yearly program. To do this, we need to cover the costs of external collaborations.

Sharable

The knowledge acquired will be completely sharable.