



Wintex

CEDECS-TCBL

Contribution to D.1.3

WP1-D1.3: EU Best practices and success experiences database

Authors

Athanase CONTARGYRIS (CEDECS-TCBL)

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INTRODUCTION

The present document analyses the proposals of best practices and success stories from EU of CEDECS-TCBL to WINTEX partners for the stage 1 of this activity, based on the guidelines provided by the lead partner of this activity (TUASI).

1. REMINDER OF THE STAGE 1 GUIDELINES

In Stage 1, each partner will propose examples that reflect the scope of the deliverable. The idea is to gather as much and diverse information as possible, so that the selection of best practices and success stories will be significant to the project.

The criteria for the selection of the proposals of best practices and success stories are presented in the Tables 1 and 2 below which contain the proposed structure for case collection, proposed cases for projects and other possible best practices and information deemed useful for the WINTEX project. This information also considered the requirements made by the Tunisian partners.

Table 1. Best practices – proposed sources

Topic	Useful information	Proposed sources for collection of information
1. Existing innovative textiles centres or other centres implemented from different sectors	<p>Services offered by EU centres</p> <p>Activity on research topics (also related to Industry 4.0, smart/functional textiles, nanotechnologies)</p> <p>Organization of the centres (departments, number and allocation of staff, interactions with companies, etc.)</p> <p>Sources of funding (membership, state funding, other sources)</p> <p>Up-to-date information on their state (Reports/conclusions from their operation)</p>	<p>EU research and innovation centres for textiles and fashion</p> <p>EU research and innovation centres from other sectors</p> <p>Studies</p> <p>EU partners can present national research and innovation centres or can select representative centres from other EU countries</p>
2. Collaboration among universities, BIOs and companies for the sector development	<p>Skills & competences for technological innovation</p> <p>Information on tools to transfer research and innovation/entrepreneurial skills toward companies</p>	<p>Business associations</p> <p>HEIs</p> <p>Individual companies including start-ups</p>

	<p>Methods and tools used to stimulate competitiveness in the industry</p> <p>Methodologies and tools for technological transfer (also related to Industry 4.0, smart/functional textiles, nanotechnologies)</p> <p>Strategies for regional development and policies in textiles and fashion, including sustainability and circular economy</p> <p>Organization of clusters</p> <p>Tools used by clusters to implement research and innovation</p> <p>Practices used at national, organizational (HEIs, associations etc) or sectoral level</p>	<p>Clusters for textiles and fashion, clusters for development and innovation (field research)</p> <p>Projects for the development of new skills in TCLF</p> <p>Projects stimulating competitiveness of textiles and clothing companies in different countries</p>
3. Innovation and entrepreneurship led by HEIs and business collaboration	<p>Innovation and entrepreneurial skills & competences</p> <p>Methodologies and tools for entrepreneurial training</p> <p>New business models in textiles and fashion, related to sustainability, circular economy / co-creation</p> <p>Structures and tools to support start-ups and spin-offs ventures</p> <p>Tools for crowd sourcing and crowd funding, co-creation</p> <p>Existing/under development innovation and entrepreneurial training programs in HEIs</p>	<p>HEIs</p> <p>Business associations</p> <p>Web search/Businesses</p> <p>Start-ups, spin-offs</p> <p>Relevant studies/reports</p>

Table 2. Successful EU funded project experiences in capacity building - – proposed sources

Topic	Useful information	Proposed sources for collection of information
1. Existing innovative textiles centres or other centres implemented from different sectors	Capacity building projects – objectives, results Organization of implemented centres, research activity, structures for knowledge / technological transfer toward industry Information on sustainability and exploitation issues from completed relevant projects	ERASMUS CBHE are most useful projects, as a source of information on the same subject, starting with the ones included in the project descriptions
2. Collaboration among universities, BIOs and companies for the sector development	Project objectives Expected/achieved results Structure of implemented CB programs Activities for the implementation of relevant EU funded projects	EU funded projects, like ERASMUS+ (Sector Skills Alliances, Strategic Partnerships and Knowledge Alliances), Horizon 2020, Interreg Europe, Projects funded by EU national agencies, etc.
3. Innovation and entrepreneurship led by HEIs and business collaboration	Project objectives Expected/achieved results Information on sustainability and exploitation issues from completed relevant projects	EU funded projects Reports

Note: The cases considered for the topics can be enlarged. Also, the useful information listed in the table is general. Other information considered relevant may be added.

In its first stage, the initial collection of proposals of best practices and success stories will be organized according to the template presented in Annex I. The short description of each proposal will present the reason for its selection. A small amount of information to identify the proposal will be added.

Please note that proposals should be made for all three topics. Each partner should compile a list of at least 10 proposals.

2. Reminder of the initial proposals list from CEDECS

- TCBL (Textile and Clothing Business Labs – an H2020 project, considered as a success story, terminated in June 2019 which continues on a commercial basis): tcbl.eu – The project which continues as a network of experts on sustainable business models development in Textile & Clothing and technical solutions able to respond to responsible consumers demands for more traceable, ecologically cleaner and socially responsible production processes and products.
- Netkite – a CBC ENPI MED project, terminated in 2015, which coached 100 students of different South Mediterranean Universities in transforming their Business Ideas in Start Ups
- Texmedin - an INTERREG MED project terminated in May 2013, which worked in building bridges between T&C Industries, Students in T&C related studies, T&C Museums and Local Authorities in view of enhancing local Textile and Clothing Clusters.
- PASSAGE – a FP7 project, considered as a success story, terminated in 2012, which developed methodologies and tools for valorising, preserving and transmitting know-how applicable in Textile and Clothing; the project's results include courses and documentation on captured know-how.
- PROSUMER – a FP7 project terminated in 2012 Networking European Technology Platforms addressing DesignbasedConsumer Goods Industries and Related Research and Technology Fields which explored consumer trends where price alone is not a competitive advantage anymore while Macroeconomic as well as innovation drivers in EU create an attractive environment for the development of the Consumer Goods sector.
- CLEVERTEX – a FP7 project terminated in 2012 which proposed the development of a strategic Master Plan for the transformation of the traditional textile and clothing into knowledge driven industrial sector through the deployment of the research results and active research in intelligent textiles, a field ranging from materials science, textile engineering, chemistry, electronics and informatics by a highly qualified workforce.

3. Completed template with CEDECS-TCBL proposals

D1.3. EU Best practices and success experiences database

Stage 1. Collection of proposals on best practices and success stories

Partner: CEDECS-TCBL

Table 1. List of proposals

No.	Topic	Best practice / Project	Name	Website (if available)	Short description
1	Existing innovative textiles centers	Best Practice cases of what existing innovative textile centers can develop as services and activities	TCBL LABS TCBL formed a Network of 60 Textile and Clothing Business Labs, who still collaborate together and include the following innovative textile centers: Lab Cases to be selected amongst the 14 Labs described in next column AITEC, in Alicante, MIRTEC, in Athens, CENTEXBEL, in Gent, DITF in Deckendorf, ARCA, in Palermo, HCIA and National Technical University in Athens, ENSAD in Paris, TCoE, in Huddersfield, WeMake, in Milano, The Fashion Incubator Middle East, in Cairo, Sustainable Fashion Design Lab, in Iasi, WAAG TextileLab in Amsterdam, Sanjotec Design Lab, in S.Joao de Madeira (PT).	www.tcbl.eu/labs/	TCBL Labs, inspired by the LIVING LABS approach, are Innovation and research spaces to help companies, non-profits, designers, students and citizens develop new sustainable models/solutions /projects through training, services and tools, as well as the publication of research materials. Sources of funding: membership, state funding, training fees, tests and certifications, EU projects. Organization, Information on their state: on TCBL.eu site (or on demand asking directly each lab) TCBL Labs can give inspiring examples on how Tunisian Universities could set up TCBL Labs and join TCBL network for further collaborations.

2	Existing innovative textiles centers	Best Practice cases of what existing innovative textile centers can develop as courseware for T&C businesses Cases to be selected amongst those described in next column	WEBTEXPERT courseware WEBTEXPERT (FP6 Project) delivered a good example of courseware of interest for T&C SMEs.	https://cordis.europa.eu/project/id/500223/pl	The courseware produced in this project provides exploitable contents on: - methods and tips to integrate Well-Fit in Clothes defined using TRIZ method together with traditional pattern making know-how. - risk management methods: Enterprise Risk Management principles (ERM), the Ishikawa diagram and FMEA (Failure Mode and Effects Analysis), the main preventive Quality Management method used in the producing industries
3	Collaboration among universities, BIOS and companies for the sectoral development	Project INTERREG MED Pilot Project A good case on how by putting together the appropriate local actors T&C sector becomes more attractive for young students.	TEXMEDIN - TEXTile and apparel EuroMEDiterranean heritage for Innovation CEDECS TCBL Experts participated to this project through the IFTH Branch in Lyon and collaborated with the Textile Museum of Lyon, the Textile Pole of Competitivity TECHTERA and Lyon's Technical School of Textile and Clothing.	http://www.texmedin.eu/	TEXMEDIN explored how to use cultural heritage to bring attractivity, creativity and innovation to the T&C businesses. TEXMEDIN created for that a transnational CLUSTER of Inspiration Hubs grouping, locally, Local Authorities, Museums, Universities, SME Associations, research centres, SMEs and artists and used Textile heritage, production know-how and innovative technologies as inspiration sources for the production of new innovative and environmental friendly T&C products with high added-value and give to University students a first job

					experience in Textile and Clothing.
4	Collaboration among universities, BIOS and companies for the sectoral development	Project INTERREG MED Capitalisation Project	<p>CREATIVEMED produced (together with its successor – TALIA transversal project) best practices and tools for integrating T&C in Regional R&I Smart Specialisation Strategies, including a benchmarking toolkit and examples of application of methods like Quadruple Helix Approach, Policy Learning, etc</p> <p>CEDECS-TCBL Associates were the key experts involved in both these projects.</p>	https://www.program-memed.eu/en/the-projects/project-focus/creative-mediterranean.html	<p>CreativeMED studied how Mediterranean cultural heritage is a source of innovation in 12 countries across the Mediterranean. Through a triple-loop approach consisting of reacting, reframing and transforming a design or an idea inspired by cultural heritage into new products, the project established indicators, guidelines, white papers and a toolkit which can be used during WINTEX by the Tunisian Universities to explore how the proposed CreativeMed model and toolkit can be transposed in Tunisia , notably for promoting its T&C sector in regional policies.</p>
5	Collaboration among universities, BIOS and companies for the sectoral development	<p>Best Practices of Universities involved in Creativity Hubs</p> <p>To be selected from the 11 Hubs of an INTERREG MED Project Network</p>	<p>CREATIVEWEAR Project formed a Network of 11 CREATIVEWEAR Hubs with the following best practice cases for Universities:</p> <ul style="list-style-type: none"> - the Crowd Hub Of ARCA in Palermo, - the Identity Hub of INMATEX in Bari, - the Fashion and Design Hub of FITEX in Igualada (SP), 	https://creative-wear.intereg-med.eu/	<p>Through CreativeWear a network of 11 Hubs has been set up for exploring the contribution of collaborations between T&C Companies, Creative Artists, Training, Education and Technologic Innovation providers, Social Innovation and Cultural Actors to T&C companies innovation and T&C sector development in the differentiated socioeconomic contexts of the MED Regions. This</p>

			<ul style="list-style-type: none"> - the Awareness Hub of TEKSMER in Izmir (TK), - the Innovation Hub of ESTIA in Bidart (FR), organising each year the 24H of Innovation where teams of students realise prototypes responding to real industry challenges. 		<p>project created ecosystems in which cooperation between artists, HEIs and companies led to innovative new products of high added value.</p> <p>The best practice cases involving universities can be interesting for Tunisian partners of WINTEX.</p>
6	Collaboration among universities, BIOs and companies for the sectoral development	Project	<p>CLEVERTEX</p> <p>Some of the project's approaches, analysis and methodologies (like Delphi) could be replicated and used in the early stages of WINTEX.</p> <p>CEDECS TCBL was on behalf of IFTH in charge of the main prospective studies as an expert of Delphi method.</p>	<p>https://cordis.europa.eu/project/id/517006/reporting/pl</p>	<p>CLEVERTEX focused on how to transform the traditional T&C industry in Europe into a dynamic, innovative, knowledge-driven, competitive and sustainable sector. It produced a master plan and framework for future actions in research, education and technology transfer in the field of multi-functional intelligent textile materials in Europe.</p> <p>The Gap and Delphi methods used and their results lead to the identification of key areas of development. This project was followed by two other projects:</p> <ol style="list-style-type: none"> 1) CA SYSTEX (ICT) on e-textiles and wearable micro systems / electronics 2) EC MICROFLEX to exploit micro fabrication to produce, using custom

					printing process, active functions cost efficiently.
7	Innovation and entrepreneurship led by HEIs and business collaboration	Best practices to identify, valorise, preserve and transmit traditional T&C know-how (but also know-how related to new technologies and new materials) To be extracted from a FP7 Project	PASSAGE Project (FP7) CEDECS-TCBL was the Technical Coordinator of this project and has a wide collection of all the materials produced by this project. Methods analysed in this project like the GPEC (gestion Prévisionnelle des Emplois et des Connaissances) and the VAE (Valorisation des Acquis de l'Expérience) are very useful to identify future Education & Training needs	https://cordis.europa.eu/project/id/218440	PASSAGE produced a documented set of tools and methods to identify, valorise, preserve and transmit traditional T&C know-how (but also know-how related to new technologies and new materials) including fully documented courses and methods on how to do it and multimedia courses on captured know-how. These materials are available for further exploitation by WINTEX.
8	Innovation and entrepreneurship led by HEIs and business collaboration	Project CBC ENPI MED Project	NETKITE : can provide to WINTEX hints on how to provoke scout/ support entrepreneurship ideas amongst Tunisian Universities' students. CEDECS TCBL coordinated scouting activities performed with the selected students.	http://www.netkite.eu/	The project created of a cross border network between universities, private companies and public institutions to coach students of Jordanian, Palestinian, Egyptian and Tunisian Universities; NETKITE helped 100 post-graduate students, PhD students and young researchers to explore how to transform their Business Ideas in a Start Ups/Spin-offs.
9	Innovation and entrepreneurship	Project	TCBL project	Tcbl.eu	The results of TCBL project exploited by CEDECS TCBL

	led by HEIs and business collaboration	H2020 Project / Network Best practice materials on sustainability and new trends and business models in T&C	The TCBL Network consists currently of 242 members from all over Europe. Since 2020 Cedecs-TCBL has in charge the exploitation and development of the results of the TCBL project and the delivery to TCBL network members of support services on sustainability in T&C	Cedecs-TCBL.eu	which could be made available to WINTEX include the following materials on the TCBL Ecosystem, the Innovation projects it developed and the Technologies TCBL offers: 185 videos produced and published on the TCBL YouTube channel, 79 Guidebooks available on issuu.com 42 articles in the TCBL_zine, a scientific journal established by the project
10	Innovation and entrepreneurship led by HEIs and business collaboration	Best practices on transfer of technology and on fostering start-up companies in MENA region	The Next Society project has established good practices to implement innovation ecosystems in MENA. This project shares a lot of similarities with INVENT project which can also inspire WINTEX.	https://www.thenextsociety.co/	The Next Society project ending in 2020 focused on creating an ecosystem improving the policy framework, fostering start-up success, promoting and internationalizing clusters and accelerating technology transfer towards enterprises. It's implementation in Lebanon by Berytech provides an interesting roadmap for the analysis of technological transfer and the establishment of new protocols and policies on Intellectual Property needed to build up Technology Transfer Offices adapted to current requirements (a must for creating a collaborative environment in which new

					innovative companies can flourish).
11	Collaboration among universities, BIOs and companies for the sectoral development	Project / Good practices	Prosumer.NET, a FP7 project explored the long term consumer trends that will appear over time, thus giving ideas on which trend to focus to develop a competitive advantage	https://cordis.europa.eu/project/id/266970	PROSUMER project worked on major long term trends which will affect all design based industries (textile, leather, wood, ...) and has identified some common actions and research these sectors may have to undertake in the future to face them. This leads to consider the need to start collaborations at University and Industry levels to prepare such common actions and research.

ANNEX I: Exploitable results from PASSAGE

On job profiles, their strategic importance and the capture of their know-how

Strategic job profiles in the textile and clothing industry - Analytic description of 114 strategic job profiles 380 pages (EN and FR)

Be able to collect strategic stakes of an SME and their impact on its job profiles 9 slides (EN-FR)

Identify the general framework of the company

Identify the main opportunities and threats faced

Identify main strategies to face them

Identify main actions to be taken to implement them

Organize Know How captures 19 slides (EN-FR)

Identify in the company the persons detaining a critical know-how to be captured.

Inform the persons to be involved

Organize the process of know-how capture inside the company

Structure the collected data to save them in a form facilitating their future exploitation

Organisation de captures selon la méthode KH-Cap (Méthode MASK) 10 slides (FR)

Methodology: User Guide of the matrix of Know-How anticipation 9 slides (EN-FR)

Identify the tasks or operations that must be a process of preservation of know-how

Identify the players likely to transfer know-how on an activity or a given operation: Know-How experts

Identify internally, if this is the choice of the company, people eligible for the transfer of skills

Methodology: User Guide for upgrading a Know-How 32 pages (EN)

This user guide aims to reveal the interest in capturing supplementary elements at a classical transcription of knowledge by capturing reasoning and implemented concepts.

This guide will illustrate the complete methodology through a scenario example.

The guide will make understandable there are different mastery levels of more or less complex know-how.

This guide will recommend the capture in two steps classical transcription and “KH-Cap” modeling if the captured KH needs that.

Preservation of the Know-How (Business case: La Ferté Confection) 14 pages (EN)

ALLIANCE LUXE - Coopérer et produire différemment dans la filière du luxe 18 slides (FR)

Know-how capture examples and certification and labelling methods (EN)

Abrasion resistance test (Martindale) 13 slides

Change of fabric roll on a textile shrinkage finishing machine 14 slides

Quality control for textiles - Determination of certain aromatic amines 14 slides

Unloading and loading of fabrics on a HT dyeing machine 9 slides

Textile ecology (Ecolabel and OEKO-TEX certification) 25 slides

CE certification 20 slides (The training aims to present to the Quality or Production managers a complete guide for CE certification)

Textile and Clothing Products Labeling 26 slides

(Training for the Quality or Production managers on Textile Clothing Products Labeling based on Directive 96/74/EC on textile names and other Obligatory or Voluntary labels)

Know-how capture of different textile processes (IT)

Italian fire test for curtains with heat panel 10 slides

Italian fire test for furniture 9 slides

Abrasion resistance test for transport fabrics 9 slides

Knotting machine processing 7 slides

New velvet fabric production setting out 8 slides

Pilling test for fabrics for clothing 8 slides

Sea water colorfastness test for bathing suit fabrics 9 slides

Company environment policy setting-up (UNI EN ISO 14001 standard) 8 slides

Know-how capture of processes of clothing (in Bulgarian)

Creation of markers for different sizes, making the cutting plan on CAD/CAM system

Cutting

Drawing of markers on the plotter and working-out the technology

Embroidering

Grading and creation of model CAD/CAM

Operating on picot hemstitch machine

Operation on embroidery machine

Performing of decorative “hand stitch”

Other good examples of processes capture (in French)

Gestion de l’approvisionnement de tissus 11 slides (FR)

Programmer et réaliser un prototype de pull tricoté en technologie 3D 16 slides (FR)

Contrôle qualité d’un vêtement – Identification de défauts de nuances 23 slides (FR)

Coupe et départage des tissus 17 slides (FR)

ANNEX II: Exploitable TCBL Project's RESSOURCES

In an effort to reach out to the community and build a common knowledge space, much of the material produced by the TCBL project is published on external websites rather than being contained within the formal project deliverables required by the European Commission. The following tables list the videos, guidebooks, zine articles and other resources produced, together with the reference to the Deliverable to which they are associated and the link to access each resource. The tables are divided thematically into three main areas:

The TCBL Business Ecosystem (Business Environment, Communication, Labs, Accreditation and Governance)

Innovation Projects (Approach, and then grouped thematically by Business Cases: Natural Fibres, Eco-friendly Production, Short Runs, Independents, BioShades and Digital heritage)

TCBL Technologies (Technology Watch, Open Platform, Business Services, Service Providers)

1.1 The TCBL Business Ecosystem

Business Environment

Type	Ref.	Title	Author/Speaker	Organisation	Date	Link
Zine	4.1	Golden Rules for Ethical Fashion Design	Ioana Ciolacu		30/06/2019	https://zine.tcbl.eu/ethical-fashion-design/

Type	Ref.	Title	Author/Speaker	Organisation	Date	Link
Video	D8.10	Tradition vs Mass-market	Iris Knieling	Andrea Tincu	29/05/2019	https://youtu.be/jvik2AI5-N0
Video	D8.10	Making sustainable fashion profitable	Ioana Ciolacu	Ioana Ciolacu	29/05/2019	https://www.youtube.com/watch?v=jp-imKE6IKY
Video	D8.10	Clean and Slow Fashion	Anca Gheorghica	REDU	29/05/2019	https://www.youtube.com/watch?v=9UD0XM_vZPQ
Video	D8.10	Towards the circular economy	Véronique Allaire-Spitzer	Brandemotion	29/05/2019	https://youtu.be/VBu60T6Lh-o
Video	D8.10	Trends and prospects in the European T&C Industry	Lutz Walter	Euratex	28/05/2019	https://youtu.be/vmRXd2xpHTg
Video	D8.10	The Romanian Textile and Clothing Industry	Carmen Guituleasa	INCDTP	28/05/2019	https://youtu.be/-JtC3Z-WpaE
Video	D8.10	Textile and Clothing in the NE Regional Strategy	Gabriela Macoveiu	RDA NE	28/05/2019	https://youtu.be/BT1-0bitzvW

Type	Ref.	Title	Author/Speaker	Organisation	Date	Link
Guide	D7.3	The TCBL Foundation Market			30/04/2019	https://issuu.com/tcbl/docs/the_tcbl_foundation_market
Guide	D7.3	TCBL Post-Grant Funding Opportunities			30/04/2019	https://issuu.com/tcbl/docs/tcbl_post-grant_funding_opportuniti
Guide	D2.7	Stop&Read: Radical Transparency			30/06/2018	https://issuu.com/tcbl/docs/stop_read_radical_transparency
Video	D8.8	Fashion Change: Designing a Sustainable Future	Anna Detheridge	Connecting Cultures	30/05/2018	https://youtu.be/hsbGiV3PSts
Video	D8.8	Building the business ecosystem in Roubaix	Annick Jehanne	HUB mode	30/05/2018	https://youtu.be/bqKixPpPmyQ
Video	D8.8	Salvatore Ferragamo's Sustainable Passion	Veronica Tonini	Ferragamo	29/05/2018	https://youtu.be/C_w1DgZNmvE
Video	D8.8	Which Fashion Futures?	Stefano Mangini	Polimoda	29/05/2018	https://youtu.be/m__wb2XitvQ

Type	Ref.	Title	Author/Speaker	Organisation	Date	Link
Zine	3.1	What about tomorrow?	Ista Boszhard, Cecilia Raspanti		24/01/2018	https://zine.tcbl.eu/what-about-tomorrow/
Guide	D7.2	Market Analysis and Trends 2017			31/10/2017	https://issuu.com/tcbl/docs/market_analysis_and_trends_2017
Guide	D7.2	TCBL Policy Brief			31/10/2017	https://issuu.com/tcbl/docs/tcbl_policybrief
Guide	D7.2	TCBL Policy Environment 2017			31/10/2017	https://issuu.com/tcbl/docs/tcbl_policy_environment_2017
Zine	2.2	Portrait: Institut Français de la Mode, Paris	Danièle Clutier		19/08/2017	https://zine.tcbl.eu/portrait-institut-francais-de-la-mode-paris/
Guide	D2.4	Stop&Read: Sustainable Fashion Market			15/07/2017	http://issuu.com/tcbl/docs/sustainable_fashion_market

Type	Ref.	Title	Author/Speaker	Organisation	Date	Link
Video	D8.6	Ethical Fashion and how to communicate your sustainable brand	Dimitris Grammatikogiannis and Andriana Sakka	Ethical Ode	20/06/2017	https://youtu.be/HQCoOJ5SgQs
Video	D8.6	Circular Economy	Jade Wilting	Circle Economy	20/06/2017	https://youtu.be/o2lQuyAibYM
Video	D8.6	Sustainable Design	Prisca Visbol	Manufacture Copenhagen	20/06/2017	https://youtu.be/dQuEFWulFuQ
Video	D8.6	Market trends for sustainable fashion	Danièle Clutier	IFM	20/06/2017	https://youtu.be/J1av5tSSx1A
Video	D8.6	Sustainability: from niche to mainstream	Elis Kiss	Kathimerini	20/06/2017	https://youtu.be/NTmwdxLUw0g
Video	D8.6	Co-design and co-creation for sustainability	Fiori Zafeiropoulou	SOFFA	20/06/2017	https://youtu.be/ZpUq-hqsrZg
Video	D8.6	What about tomorrow?	Ista Boszhard and Cecilia Raspanti	Waag	20/06/2017	https://youtu.be/oLfREDB6SzE

Type	Ref.	Title	Author/Speaker	Organisation	Date	Link
Video	D3.2	Fashion futures in design	Danielle Wilde		15/11/2016	https://vimeo.com/191618028
Zine	1.1	Circular Economy	Jesse Marsh		27/10/2016	https://zine.tcbl.eu/circular-economy/
Zine	1.1	Fandom Markets	Paul Lefrere		22/10/2016	https://zine.tcbl.eu/fandom-markets/
Zine	OF	Science and Fashion Design	Maddalena Mometti		22/10/2016	https://zine.tcbl.eu/science-and-design/
Zine	1.1	Fashion Trends	Takis Lybereas		22/10/2016	https://zine.tcbl.eu/fashion-trends/
Video	D8.4	Shifting consumer values	Rita Britton	Nomad Atelier	21/06/2016	https://youtu.be/iSre-ezehWQ
Video	D8.4	Emergent trends (at 13.44)	Eric Barchechath	Forum d'Actions Modernité	21/06/2016	https://youtu.be/iSre-ezehWQ
Video	D8.4	Policies for innovation	Ian Bamford	EPSRC, Uni Cambridge	21/06/2016	https://youtu.be/YkHu5HR0jXc

Type	Ref.	Title	Author/Speaker	Organisation	Date	Link
Video	D8.4	Future directions in the textile sector (at 16.47)	Lutz Walter	Euratex	21/06/2016	https://youtu.be/YkHu5HR0jXc
Video	D8.4	UK Policies for innovation	Barry Sheerman	MP	21/06/2016	https://youtu.be/SqANTWXSvUA
Video	D8.4	Leadership for the modern manufacturer	Sue Alderson	Alderson consulting	20/06/2016	https://youtu.be/37UyesAnM0M
Video	D8.4	Sustainable innovation	Mark Shayler	thisisape.co.uk	20/06/2016	https://youtu.be/H1AnzfEUe9g
Zine	4.1	Golden Rules for Ethical Fashion Design	Ioana Ciolacu		30/06/2019	https://zine.tcbl.eu/ethical-fashion-design/

Communication

Type	Ref.	Title	Author/Speaker	Organisation	Date	Link
Guide	D8.10	#TCBL_2019			30/06/2019	https://issuu.com/tcbl/docs/_tcbl_2019

Type	Ref.	Title	Author/Speaker	Organisation	Date	Link
Video	D6.13	TCBL Foundation Video Presentation			30/06/2019	https://youtu.be/QL7PT-FXySU
Video	D8.10	#TCBL_2019 summary video			30/05/2019	https://youtu.be/bgfVhoJ_Jak
Video	D8.10	Where is TCBL at the end of the Horizon 2020 project?	Jesse Marsh	Prato	29/05/2019	https://youtu.be/rai3ojGf6gs
Video	D8.10	Last year in TCBL	Jesse Marsh	Prato	28/05/2019	https://youtu.be/0vhZJ9SgU2U
Video	D8.10	#TCBL_2019 animated promo			27/05/2019	https://youtu.be/zKQltRPn--0
Video	D8.10	#TCBL_2019 conference teaser			27/05/2019	https://www.facebook.com/TCBLFoundation/videos/715164648920198/
Video	D3.4	TCBL Presentation	Jesse Marsh	Prato	10/10/2018	https://vimeo.com/294386230
Guide	D8.8	#TCBL_2018			30/06/2018	https://issuu.com/tcbl/docs/_tcbl_2018
Video	D8.8	#TCBL_2018 animated promo			28/05/2018	https://bit.ly/2urrijK

Type	Ref.	Title	Author/Speaker	Organisation	Date	Link
Video	D8.8	#TCBL_2018 conference teaser			28/05/2018	https://bit.ly/2utmCZk
Video	D8.8	#TCBL_2018 summary video			28/05/2018	https://youtu.be/BMkQ3yeA4bQ
Video	D8.7	Meet TCBL			17/05/2018	https://youtu.be/jT2rJAAvPYo
Video	D8.7	#TCBL_2018 spot (in Italian)			14/05/2018	https://youtu.be/OjpYlnkZC7Y
Guide	D8.6	#TCBL_2017			15/07/2017	http://issuu.com/tcbl/docs/_tcbl_2017
Video	D8.7	Presentation of TCBL at Euratex in Brussels	Jesse Marsh	Prato	13/10/2016	https://youtu.be/TF-JHJ47fSs
Video	D8.5	TCBL Spot (in Italian)	Enrico Banchelli and Enrico Venturini	PIN and Next of Prato	22/09/2016	https://youtu.be/tCmJpAdEy34
Video	D8.4	Presentation of TCBL	Jesse Marsh	Prato	21/06/2016	https://youtu.be/Qjto-MbUe1Y

Type	Ref.	Title	Author/Speaker	Organisation	Date	Link
Video	D8.4	Innovating Business Models: TCBL project activities			21/06/2016	https://youtu.be/22_P141f0HA

Labs

Type	Ref.	Title	Author/Speaker	Organisation	Date	Link
Guide	D3.3	Business Labs Portfolio 2018			30/06/2018	https://issuu.com/tcbl/docs/t_cbusinesslabsportfolio2018
Guide	D6.10	TCBL Lab Service Portfolio – Visual Summary			30/06/2018	https://issuu.com/tcbl/docs/tcbl_lab_services_portfolio-visual_
Video	D8.8	Digital Textile Lab	Zoe Romano	WeMake	30/05/2018	https://youtu.be/wS5QaWdxKjg
Video	D8.8	The Creative knowledge hub	Takis Lybereas	SEPEE	30/05/2018	https://youtu.be/wLX01206Mnw
Video	D8.8	Creative Tech Hub	Luca Capelli	AITEX	30/05/2018	https://youtu.be/DOHI7aLRa3g

Type	Ref.	Title	Author/Speaker	Organisation	Date	Link
Guide	D6.7	Business Labs Value Modelling			29/09/2017	https://issuu.com/tcbl/docs/business_labs_value_modelling
Guide	D3.2	Labs Handbook – What is a Lab?			15/07/2017	https://issuu.com/tcbl/docs/what_is_a_lab
Guide	D3.2	TCBL Lab Portfolio			15/07/2017	https://issuu.com/tcbl/docs/tcbl_lab_portfolio
Video	D3.2	Prato Place Lab: press conference to present 2917 courses (in Italian)		Prato	02/07/2017	https://youtu.be/I7M0ga9_luU
Video	D3.2	Prato Place Lab: participants' stories (in Italian)		Prato	02/07/2017	https://youtu.be/UoDkv8WRil8
Video	D8.6	FabTextiles as new TCBL partner	Anastasia Pistofidou	FabTextiles	21/06/2017	https://youtu.be/g0RRllzOFeM
Video	D8.6	Presenting the Athens Place Lab	Takis Lybereas	HCIA	21/06/2017	https://youtu.be/rtjJO_5Fr1s
Video	D8.6	Presenting the Tech Hub in Valencia	Luca Cappelli	AITEX	21/06/2017	https://youtu.be/cYe_wO8dj qw

Type	Ref.	Title	Author/Speaker	Organisation	Date	Link
Video	D8.6	Presenting the Art Hub in Athens	Dimos Papakonstantinou		21/06/2017	https://youtu.be/X27VbwY1JAA
Video	D8.6	Presenting IFM as new TCBL partner	Danièle Clutier	IFM	21/06/2017	https://youtu.be/OG0n6op6zH8
Video	D8.6	New business incubation with new materials	Carla Revla	Oliva Creative Lab	21/06/2017	https://youtu.be/aoTPjwFx65Y
Video	D8.6	Centexbel as new TCBL partner	Guy Buyle	CenTexBel	21/06/2017	https://youtu.be/FsNw7AhIHqg
Video	D8.6	CoWorking factory Social Hub	Karin Cikir	Etri	21/06/2017	https://youtu.be/pTOB4O72z0c
Video	D3.2	Textile and digital printing workshop (in Italian)	Filippo Guarini	Textile Museum of Prato	06/05/2017	https://youtu.be/-BgYYgYgbFw
Video	D3.3	Ravensthorpe Community Ladies Clothing Upcycling Design & Manufacture Part 2		TCoE	23/03/2017	https://vimeo.com/209714479

Type	Ref.	Title	Author/Speaker	Organisation	Date	Link
Video	D3.3	Ravensthorpe Community Ladies Clothing Upcycling Design & Manufacture Part 1			23/03/2017	https://vimeo.com/209722747
Video	D3.3	ReVISIONing Textile Exhibition		Waag	08/02/2017	https://vimeo.com/203094097
Video	D3.2	TCBL Design Labs		Prato	25/01/2017	https://youtu.be/YqFcmypEr4
Video	D3.2	Athens Making Lab		MIRTEC	18/01/2017	https://youtu.be/Eow_2OasPil
Video	D3.2	TextileDesignLab Amsterdam_Textile Academy		Waag	18/01/2017	https://youtu.be/-lV4TKhqfvg
Video	D3.2	TextileDesignLab Amsterdam_Textile Academy (2)		Waag	18/01/2017	https://youtu.be/YqF9Y6PuRX4
Video	D3.2	TextileDesignLab Amsterdam_Textile Academy (3)		Waag	18/01/2017	https://youtu.be/xcvq7Sah9zo

Type	Ref.	Title	Author/Speaker	Organisation	Date	Link
Video	D3.2	TCoE Design Lab	Ruth Farrell	TCoE	18/01/2017	https://youtu.be/5AFrgaeDaw
Video	D3.2	Sanjotec Design Lab	Ana Sampaio	Sanjotec	18/01/2017	https://youtu.be/6l7jdyAohzk
Video	D3.2	Inside Lottozero_Prato Design Lab		Lottozero	18/01/2017	https://youtu.be/GzGTtGG4XxM
Video	D3.2	Lottozero opening event		Lottozero	18/01/2017	https://youtu.be/T8_iEdEvYNk
Video	D3.2	Launch of the Prato Textile Museum Design Lab		Textile Museum of Prato	18/01/2017	https://youtu.be/4SIEL3enTXo
Video	D3.2	Presenting TCBL Labs at the TextileLab Amsterdam opening	Jesse Marsh	Prato	15/11/2016	https://vimeo.com/191618027

Accreditation

Type	Ref.	Title	Author/Speaker	Organisation	Date	Link
Guide	D2.8	The TCBL Protocol			30/06/2019	https://issuu.com/tcbl/docs/the_tcbl_protocol
Guide	D2.5	Thela for Advisors			30/06/2018	https://tcbl.eu/system/files/thela_for_advisors.pdf
Guide	D4.3	The 2018 Call for TCBL Associates			30/06/2018	https://issuu.com/tcbl/docs/the_2018_call_for_tcbl_associates
Video	D8.8	Welcoming new TCBL members	Jesse Marsh	Prato	29/05/2018	https://youtu.be/zfM3VnhQUYA
Guide	D4.3	Tcbl call manual thela side			05/05/2018	https://issuu.com/tcbl/docs/tcbl_call_manual_-_thela_side
Guide	D4.3	Tcbl call manual tcbl website side			05/05/2018	https://issuu.com/tcbl/docs/tcbl_call_manual_-_tcbl_website_sid
Video	D4.3	2018 Call for Associate Enterprises Application on TCBL website		Skillaware	02/05/2018	https://youtu.be/xprvpvpu7XJO8

Type	Ref.	Title	Author/Speaker	Organisation	Date	Link
Guide	D4.2	2017 Call Application Form			16/07/2017	https://issuu.com/tcbl/docs/2017call_applicationform
Guide	D4.2	2017 Call Invitation			16/07/2017	https://issuu.com/tcbl/docs/2017call_invitation
Guide	D4.2	The 2017 Call for Associate Enterprises			15/07/2017	https://issuu.com/tcbl/docs/2017_call_for_associate_enterprises
Video	D8.6	Welcoming new TCBL members	Jesse Marsh	Prato	20/06/2017	https://youtu.be/9cchluq4D9c

Governance

Type	Ref.	Title	Author/Speaker	Organisation	Date	Link
Guide	D2.8	Advisor's Guide 2019			30/06/2019	https://issuu.com/tcbl/docs/advisors_guide_2019
Guide	D6.13	The TCBL Foundation Summary			30/06/2019	https://issuu.com/tcbl/docs/foundation_summary

Type	Ref.	Title	Author/Speaker	Organisation	Date	Link
Guide	D6.13	The TCBL Foundation Statute			30/06/2019	https://issuu.com/tcbl/docs/foundation_statute
Guide	D6.13	The TCBL Foundation Business Plan: July 2019 – 2022			30/06/2019	https://issuu.com/tcbl/docs/foundation_business_plan
Guide	D2.5	Advisor's Guide 2018			30/06/2018	https://issuu.com/tcbl/docs/advisors_guide_2018
Guide	D6.9	2018 Evaluation Digest			30/06/2018	https://issuu.com/tcbl/docs/2018_evaluation_digest
Guide	D6.10	TCBL Ecosystem Governance – 2018 Edition			30/06/2018	https://issuu.com/tcbl/docs/tcbl_ecosystem_governance_-_2018_ed
Guide	D2.2	Associate Advisors Guide			31/10/2017	https://issuu.com/tcbl/docs/associate_20advisors_20guide
Guide	D7.2	Startups Guide 2017			31/10/2017	https://issuu.com/tcbl/docs/startups_guide_2017

Type	Ref.	Title	Author/Speaker	Organisation	Date	Link
Guide	D6.7	TCBL Ecosystem Governance – 2017 edition			29/09/2017	https://issuu.com/tcbl/docs/tcbl_ecosystem_governance_2017_edit
Guide	D6.7	TCBL Value Modelling – Visual Summary			29/09/2017	https://issuu.com/tcbl/docs/tcbl_valuemodeling_visualsummary
Guide	D6.6	2017 Evaluation Digest			31/07/2017	https://issuu.com/tcbl/docs/2017_evaluation_digest
Guide	D4.2	Associate Enterprises in TCBL Territories: 2017 Edition			15/07/2017	https://issuu.com/tcbl/docs/associate_enterprises_in_tcbl_terri

Innovation Projects

Approach

Type	Ref.	Title	Author/Speaker	Organisation	Date	Link
Guide	D4.4	TCBL Business Model Magnets			30/06/2019	https://issuu.com/tcbl/docs/tcbl_business_model_magnets
Guide	D4.4	Re-structuring Production			30/06/2019	https://issuu.com/tcbl/docs/re-structuring_production
Guide	D4.4	Re-connecting Value Chains			30/06/2019	https://issuu.com/tcbl/docs/re-connecting_value_chains_ebb244fdb87143
Guide	D4.4	Re-framing Consumer Markets			30/06/2019	https://issuu.com/tcbl/docs/re-framing_consumer_markets_59fbe4baad6d6e
Zine	4.4	Re-structuring Production	Jesse Marsh		30/06/2019	https://zine.tcbl.eu/re-structuring-production/
Zine	4.4	Re-framing Consumer Markets	Frédérique Thureau		30/06/2019	https://zine.tcbl.eu/re-framing-consumer-markets/

Type	Ref.	Title	Author/Speaker	Organisation	Date	Link
Zine	4.4	Re-connecting Value Chains	Athanase Contargyris		30/06/2019	https://zine.tcbl.eu/re-connecting-value-chains/
Video	D8.10	Re-connecting value chains	Thanos Contargyris	HCIA	28/05/2019	https://youtu.be/K1jKHF5auPk
Guide	D4.3	Restructuring Production			30/06/2018	https://issuu.com/tcbl/docs/restructuring_production
Guide	D4.3	Re-connecting Value Chains			30/06/2018	https://issuu.com/tcbl/docs/re-connecting_value_chains
Guide	D4.3	Re-framing Consumer Markets			30/06/2018	https://issuu.com/tcbl/docs/re-framing_consumer_markets
Guide	D6.9	Business Pilots Evaluation 2018			30/06/2018	https://issuu.com/tcbl/docs/business_pilots_evaluation_2018
Guide	D6.10	TCBL Lab Service Portfolio			30/06/2018	https://issuu.com/tcbl/docs/tcbl_lab_service_portfolio

Type	Ref.	Title	Author/Speaker	Organisation	Date	Link
Guide	D6.10	TCBL Business Case Evolution			30/06/2018	https://issuu.com/tcbl/docs/tcbl_business_case_evolution
Guide	D2.2	Confidentiality and Intellectual Property in TCBL			31/10/2017	https://issuu.com/tcbl/docs/confidentiality_20and_20intellectua
Guide	D6.7	TCBL Service Concepts – Visual Summary			29/09/2017	https://issuu.com/tcbl/docs/tcbl_serviceconcepts_visualsummary
Guide	D6.7	Business Labs Service Concepts			29/09/2017	https://issuu.com/tcbl/docs/business_labs_service_concepts
Guide	D6.6	Business Cases Evaluation 2017			31/07/2017	https://issuu.com/tcbl/docs/business_cases_evaluation_2017
Guide	D4.2	Business Model Dynamics for TCBL			15/07/2017	https://issuu.com/tcbl/docs/business_model_dynamics_for_tcbl

Type	Ref.	Title	Author/Speaker	Organisation	Date	Link
Guide	D4.2	The TCBL Pilot Framework: 2017 Edition			15/07/2017	https://issuu.com/tcbl/docs/the_tcbl_pilot_framework_-_2017_edition
Video	D8.5	TCBL as an Experience	Jesse Marsh	Prato	23/09/2016	https://youtu.be/searjeSxI98

Natural Fibres

Type	Ref.	Title	Author/Speaker	Organisation	Date	Link
Video	D8.10	Back to the Future	Teodor Frolu	Patzakin Ecosystem	29/05/2019	https://youtu.be/ZOgSx6u8GRI
Video	D8.10	Recycling felt	Jorge Ribeiro	Givaware	29/05/2019	https://youtu.be/TSk9tjtvGa0
Video	D8.10	Hemp for sustainable textiles	Charles Reboux	Gorfoo	29/05/2019	https://youtu.be/VU2Rhg-YrJ8
Video	D8.10	Hand-painted silk	Dusanka Herman	Dusanka Herman	29/05/2019	https://youtu.be/kEKCgB1f1_s

Type	Ref.	Title	Author/Speaker	Organisation	Date	Link
Video	D8.10	Certifying sustainable cotton	Emmanouela Kouroudi	Thrakkika	28/05/2019	https://youtu.be/ip68jA72_p0
Video	D8.8	Telling cotton stories in video	Marzia Lanfranchi	Cotton Diaries	30/05/2018	https://youtu.be/wy5zVNnojS0
Video	D8.8	Fashion with recycled cashmere	Nicoò Cipriani	Rifò	30/05/2018	https://youtu.be/1yVaV2gKml8
Video	D8.8	Business ecosystem with cotton	Ioannis Kolovos	Thessalian network	30/05/2018	https://youtu.be/9KY_LroKpBY
Video	D8.8	Researching wool traditions	Rossana Carullo	INMATEX	30/05/2018	https://youtu.be/ipeZwRX35pM
Guide	D4.2	Natural Cotton Business Case			15/07/2017	https://issuu.com/tcbl/docs/natural_cotton_business_case
Video	D8.6	Felt is our passion	Filomena Almeida	Feltrando	21/06/2017	https://youtu.be/IHFz4iapINQ
Video	D8.6	Ioanna Kourbelas with natural cotton	Katerina Rigopoulou	Ioanna Kourbelas	21/06/2017	https://youtu.be/eWdo5CDtUnM

Type	Ref.	Title	Author/Speaker	Organisation	Date	Link
Video	D8.6	Natural silk production	George Tsiakiris	Tsiakiris Silk	21/06/2017	https://youtu.be/G14X6F45RE8
Video	D8.6	Reinventing the natural cotton supply chain	Giannis Tzortzis	Vavaressos	21/06/2017	https://youtu.be/rsGjD-u26xk
Video	D8.6	The Natural Fibres Business Case	Thanos Contargyris	MIRTEC	20/06/2017	https://youtu.be/K6SnLu8-dkQ

Eco-friendly Production

Type	Ref.	Title	Author/Speaker	Organisation	Date	Link
Zine	OF	Soiling and soil-release finishing of textiles	Silvia Pavlidou		30/06/2019	https://zine.tcbl.eu/soiling-and-soil-release-finishing-of-textiles/
Video	D8.10	Zero Waste design	Mylène L'Orgilloux	Milan Avant JC	29/05/2019	https://youtu.be/aami6n-imuM
Video	D8.10	Up-cycling with the community	Darko Krainc	Hisa Sadesi Druzbe	29/05/2019	https://youtu.be/nnOgQcyflrU

Type	Ref.	Title	Author/Speaker	Organisation	Date	Link
Zine	OF	Sustainable textile finishing using ozone and nanobubble technologies	Besnik Mehmeti		13/06/2018	https://zine.tcbl.eu/sustainable-textile-finishing-using-ozone-and-nanobubble-technologies/
Zine	3.1	Sustainable Chemistry Method to Improve the Wash-off Process of Reactive Dyes on Cotton	Besnik Mehmeti		01/06/2018	https://zine.tcbl.eu/sustainable-chemistry-method-to-improve-the-wash-off-process-of-reactive-dyes-on-cotton/
Video	D8.8	Recycling fibres	Sauro Guerri	ASTRI	30/05/2018	https://youtu.be/_bx1RSZ7Uok
Video	D8.8	Shirts amnesty	Michel Byvoet	Bivolino	30/05/2018	https://youtu.be/LYB3Bkx0Wxk
Video	D8.8	Garments with re-woven fibres	Cathryn Hall	Anneka textile	30/05/2018	https://youtu.be/98pS6LKUpKI
Video	D8.8	Natural dyes	Stefano Panconesi	Casa Clementina	30/05/2018	https://youtu.be/NQvf5wz8XaY
Video	D8.8	Up-cycling with the community	Lea Cipot	Zavod Korak	30/05/2018	https://youtu.be/cG-QUMEcauw
Video	D8.8	Safer Chemicals in Fashion	Marco Ricchetti	Sustainability Lab	29/05/2018	https://youtu.be/tBgwQ-JxbM4

Type	Ref.	Title	Author/Speaker	Organisation	Date	Link
Zine	3.1	Methodologies and Tools for Chemicals Management	Besnik Mehmeti		15/05/2018	https://zine.tcbl.eu/methodologies-and-tools-for-chemicals-management/
Zine	3.1	Detox. From threat for brands to opportunity for labs and manufacturers	Besnik Mehmeti		07/05/2018	https://zine.tcbl.eu/detox-from-threat-for-brands-to-opportunity-for-labs-and-manufacturers/
Guide	D4.2	Eco-friendly Production Business Case			15/07/2017	https://issuu.com/tcbl/docs/eco-friendly_production_business_ca
Video	D8.6	The environmental impact of textile production	Francesca Rulli	Process Factory	20/06/2017	https://youtu.be/q7n2QeHtoiE
Video	D8.6	The Eco-friendly Production Business Case	Paolo Guarnieri	Prato	20/06/2017	https://youtu.be/OGtRxoOn5m8
Video	D3.2	Designs with re-blended fibres	Anita de Wit	Re-brand	15/11/2016	https://vimeo.com/191618025
Video	D3.2	Algae fabrics	Tjeerd Veenhoven		15/11/2016	https://vimeo.com/191618026

Short Runs

Type	Ref.	Title	Author/Speaker	Organisation	Date	Link
Video	D4.4	My Yorkshire Wardrobe		TCoE	30/06/2019	https://youtu.be/RkOysvc7XE0
Guide	D4.4	Designers Collaborative			30/06/2019	https://issuu.com/tcbl/docs/designers_collaborative
Video	D8.10	Local sustainable production	Sorin Chiriac	Sense	29/05/2019	https://youtu.be/KQYmzWiQnuY
Video	D8.10	Collaborative on-demand designs	Michel Byvoet	Bivolino	28/05/2019	https://youtu.be/9r2ePnac9hE
Video	D8.10	Enabling short run production	Lisa Wurden	Sqetch	28/05/2019	https://youtu.be/8TYKeqp0m4Y
Video	D8.10	Re-inventing men's fashion	Bill Macbeth	TCoE	28/05/2019	https://youtu.be/RYLKJIUwF6I
Zine	4.1	Case Study: Kempadoo Millar	Ruth Farrell		21/01/2019	https://zine.tcbl.eu/case-study-kempadoo-millar/

Type	Ref.	Title	Author/Speaker	Organisation	Date	Link
Zine	2.2	The Problem with Fast Fashion?	Jenny Holloway		31/08/2017	https://zine.tcbl.eu/the-problem-with-fast-fashion/
Zine	2.2	The Business Case for Short Runs	Richard Axe, Bill Macbeth, Ruth Farrell		28/08/2017	https://zine.tcbl.eu/the-business-case-for-short-runs/
Zine	2.2	Case Study: Katty Fashion	Gabriela Iftode		24/08/2017	https://zine.tcbl.eu/case-study-katty-fashion/
Zine	2.2	The Production Challenges of Fashion Start-ups	Alison Lewey		18/08/2017	https://zine.tcbl.eu/the-production-challenges-of-fashion-start-ups/
Zine	2.2	Process Flow from 'Design' to 'Fulfillment'	Ruth Farrell		12/08/2017	https://zine.tcbl.eu/process-flow-from-design-to-fulfillment/
Guide	D4.2	Short Runs Business Case			15/07/2017	https://issuu.com/tcbl/docs/short_runs_business_case
Video	D8.6	Reginnova as new TCBL partner	Gabriela Iftode	Reginnova	21/06/2017	https://youtu.be/yEI1d_CTCD0

Type	Ref.	Title	Author/Speaker	Organisation	Date	Link
Video	D8.6	Making ski jumping suits in Slovenia	Miha Svetina	Dali Sport	21/06/2017	https://youtu.be/3IYJzk5Xek4
Video	D8.6	Fabio Giusti's creative textile production	Fabio Giusti	Trafi Creatività Tessile	21/06/2017	https://youtu.be/Of8eg4XAWVw
Video	D8.6	The Short Runs Business Case	Bill Macbeth	TCoE	20/06/2017	https://youtu.be/XOMSQDZxgTE
Video	D8.4	Four generations of clothing transformation	Paul Johnson	WT Johnson & Sons	20/06/2016	https://youtu.be/afX5NqJ00Cc
Video	D8.4	Circular fashion - Made in Britain	Kate Hills	Make it British	20/06/2016	https://youtu.be/NI_NYN5LSwI

Independents

Type	Ref.	Title	Author/Speaker	Organisation	Date	Link
Guide	D4.4	Workplace Design			30/06/2019	https://issuu.com/tcbl/docs/workplace_design

Type	Ref.	Title	Author/Speaker	Organisation	Date	Link
Guide	D4.4	Collaborative Kits for Sewing Cafés			30/06/2019	https://issuu.com/tcbl/docs/sewing_kits
Guide	D4.4	The IFM-TCBL Awards			30/06/2019	https://issuu.com/tcbl/docs/the_ifm-tcbl_awards
Guide	D4.4	Citizen Créathon and Value Labelling			30/06/2019	https://issuu.com/tcbl/docs/citizen_creathon_and_value_labelling
Video	D8.10	Mediterranean production	Alexia Tronel	Itinérance	29/05/2019	https://youtu.be/9Zpc3wUY9o4
Video	D8.10	Independent designer	Alexandra Ungurean	AIU DesignLab	29/05/2019	https://youtu.be/9dHlga4a-dg
Video	D8.8	Modart	Luca Leonardi	ARCA	29/05/2019	https://youtu.be/3glujSjHhDA
Video	D8.10	Community engagement in sewing	Loredana Introini	Sartoria Sociale	29/05/2019	https://youtu.be/o2l64jRgros
Video	D8.10	Fashion Co-Working	Petra Green	COF	29/05/2019	https://youtu.be/v2mt0719eVU
Video	D8.10	Collaborative kits for sewing cafés	Luca Leonardi	ARCA	28/05/2019	https://youtu.be/zctJTIGGVzk

Type	Ref.	Title	Author/Speaker	Organisation	Date	Link
Video	D8.10	Re-designing the workplace	Clea Polar	Coco&Rico	28/05/2019	https://youtu.be/SUh8T8o_07s
Video	D8.10	Trends for sustainable design	Ioanna Kouloumpini	HCIA	28/05/2019	https://youtu.be/rKN7aN9zjR0
Video	D4.4	IFM TCBL Awards (in French)		IFM	22/01/2019	https://vimeo.com/312692855
Video	D8.8	Working with women and violence	Vivilla Zampini	Es' Givien	30/05/2018	https://youtu.be/TcT02rB9cOk
Video	D8.8	Textile filter scarf	Simona Rossi	Air Guru	30/05/2018	https://youtu.be/YV2te50yfeE
Video	D8.8	Supporting sustainable fashion startups	Petra Grmek Green	Brandi & Brandi	30/05/2018	https://youtu.be/G2l6ykCKEF4
Video	D3.3	Fatti su Misura Trailer (in Italian)		Prato	20/04/2018	https://youtu.be/IOYJd3HHJT4
Guide	D3.2	Independents Business Case			15/07/2017	https://issuu.com/tcbl/docs/independents_business_case
Zine	2.1	Portrait: Belee Milano	Wouter de Roy van Zuidewijn		29/06/2017	https://zine.tcbl.eu/portrait-belee-milano/

Type	Ref.	Title	Author/Speaker	Organisation	Date	Link
Video	D8.6	Producing for sustainable fashion	Clea Polar	Coco&Rico	21/06/2017	https://youtu.be/P5cBNeeasR4
Video	D8.6	Production of artistic bags in Slovenia	Alenka Klopčič	Tashka	21/06/2017	https://youtu.be/MmgZZA2Njyl
Video	D8.6	Personalised production with a new business model	Simona La Torre	Variazioni	21/06/2017	https://youtu.be/zqNkxmE71q8
Zine	2.1	Portrait: Marzia Donzelli, MAD	Maria Adele Cipolla		21/06/2017	https://zine.tcbl.eu/portrait-marzia-donzelli-mad/
Video	D8.6	The Independents Business Case	Maria Adele Cipolla	eZavod	20/06/2017	https://youtu.be/VwOFjFopR04
Zine	2.1	Five Different Paths	Frédérique Thureau		14/06/2017	https://zine.tcbl.eu/five-different-paths/
Zine	2.1	Portrait: Simona La Torre, Variazioni	Maria Adele Cipolla		13/06/2017	https://zine.tcbl.eu/portrait-simona-la-torre-variazioni/
Zine	2.1	Digital Pattern Making: a Personal Story	Maria Adele Cipolla		13/06/2017	https://zine.tcbl.eu/digital-pattern-making-a-personal-story/

Type	Ref.	Title	Author/Speaker	Organisation	Date	Link
Zine	2.1	Independents Agents of Change	Frédérique Thureau		13/06/2017	https://zine.tcbl.eu/independent-agents-of-change/

BioShades

Type	Ref.	Title	Author/Speaker	Organisation	Date	Link
Video	D8.10	Fabricademy future design	Anastasia Pistofidou	FabTextiles	28/05/2019	https://youtu.be/moYm97CFpCg
Video	D3.4	TextileLab Amsterdam: rethinking textile dyeing	Ista Boszhard and Cecilia Raspanti	Waag	18/08/2018	https://vimeo.com/285628429
Video	D3.3	Microbiological Textile Futures	Ista Boszhard	Waag	18/07/2018	https://youtu.be/o8AlbE_43o8
Video	D3.3	BioShades: the potential of dyeing with bacteria	Ista Boszhard and Cecilia Raspanti	Waag	17/07/2018	https://vimeo.com/280366471
Video	D8.8	Materials research	Guy Buyle	Centexbel	30/05/2018	https://youtu.be/7uMYTeQ6vb8

Type	Ref.	Title	Author/Speaker	Organisation	Date	Link
Video	D8.8	Bacteria Dyeing	Maria Kanelli	NTUA	30/05/2018	https://youtu.be/Tu0RyuwR-Xc
Video	D3.3	Dyeing textiles with bacteria: experiment and collaborate	Ista Boszhard and Cecilia Raspanti	Waag	05/02/2018	https://vimeo.com/254321617
Video	D3.3	BioShades by Waag's Textile Lab Amsterdam		Waag	16/11/2017	https://vimeo.com/243085376
Guide	D3.2	BioShades Business Case			15/07/2017	https://issuu.com/tcbl/docs/bioshades_business_case
Video	D8.6	The BioShades Business Case	Cecilia Raspanti	Waag	20/06/2017	https://youtu.be/AqyQQtWagQI
Video	D3.3	BioShades workshop in Barcelona		FabTextiles	15/03/2017	https://youtu.be/gJvxqujkUvI

Digital Heritage

Type	Ref.	Title	Author/Speaker	Organisation	Date	Link
Video	D8.10	Valorising textile archives	Besnik Mehmeti	Textile Museum	29/05/2019	https://youtu.be/F5BkytUOxH4
Video	D8.10	Re-interpreting fabric designs	Besnik Mehmeti	Prato	28/05/2019	https://youtu.be/O6va5BU9-2U
Guide	D3.2	Digital Heritage Business Case			15/07/2017	https://issuu.com/tcbl/docs/digital_heritage_business_case
Video	D8.6	Presenting the Heritage Hub	Francesco Bolli	Prato Textile Museum	21/06/2017	https://youtu.be/Raf7p_B_KKc
Video	D8.6	The Digital Heritage Business Case	Filippo Guarini	Textile Museum of Prato	20/06/2017	https://youtu.be/NrVdggPKFEA
Video	D3.2	Textile archives workshop (in Italian)	Tessa Moroder	Lottozero	20/03/2017	https://youtu.be/AsL0c7kvOk8
Zine	1.1	Cultural Heritage	Eulalia Moral, Filippo Guarini		27/10/2016	https://zine.tcbl.eu/cultural-heritage/




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Type	Ref.	Title	Author/Speaker	Organisation	Date	Link
Video	D8.4	Who makes tradition?	Felipe Barata	UNESCO Chair ICH	20/06/2016	https://youtu.be/c6ykguxtvtKA

TCBL Technologies

Technology Watch

Type	Ref.	Title	Author/Speaker	Organisation	Date	Link
Guide	D2.10	Blockchain in the Fashion Industry			30/06/2019	https://issuu.com/tcbl/docs/blockchain_in_the_fashion_industry
Zine	2.9	Wearable Enhanced Learning: Opportunities and Challenges	Fridolin Wild		30/06/2019	https://zine.tcbl.eu/introduction-to-wearable-enhanced-learning-trends-opportunities-and-challenges/
Video	D8.10	Trends in fashion and tecnology	Alice Gras	Hall Couture	29/05/2019	https://www.youtube.com/watch?v=u2sL9eoFYk w
Video	D8.10	Mico-factory production	Thomas Fischer	DITF	29/05/2019	https://youtu.be/u9wySsJa-3w
Video	D8.10	Innovation in the Clothing Value Chain	Antonela Curteza	TU Iași	28/05/2019	https://youtu.be/6eNoKpIntL4
Zine	3.2	An Augmented Reality Showroom	Fridolin Wild		18/07/2018	https://zine.tcbl.eu/an-augmented-reality-showroom/

Type	Ref.	Title	Author/Speaker	Organisation	Date	Link
Video	D8.8	Industry 4.0 for Garment Production	Manuela Mihailiasa	Sofiaman	30/05/2018	https://youtu.be/kRqFrrVnoL4
Video	D8.8	Digital textile printing	Alexandru Mitocaru	Printer Zone	30/05/2018	https://youtu.be/SvMX91-WGoM
Video	D8.8	Workplace 4.0 – Do workers face a change of requirements due to industry 4.0?	David Schmeilzeisen	ITA-Aachen	29/05/2018	https://youtu.be/ihzDgwMxjqg
Zine	OF	Industry 4.0: the Manufacturing Challenge	Bill Macbeth		29/05/2018	https://zine.tcbl.eu/industry-4-0-the-manufacturing-challenge/
Zine	3.1	Multiplexed Laser Surface Enhancement	Craig Lawrance		01/05/2018	https://zine.tcbl.eu/multiplexed-laser-surface-enhancement/
Zine	3.1	Biological exhaust air purification in textile finishing	Besnik Mehmeti		25/04/2018	https://zine.tcbl.eu/biological-exhaust-air-purification-in-textile-finishing/
Zine	2.1	Tagging	Paul Lefrere, Marina Cugurra		24/11/2017	https://zine.tcbl.eu/tagging/

Type	Ref.	Title	Author/Speaker	Organisation	Date	Link
Zine	2.1	Methodology and Approach of Tagging in TCBL Knowledge Spaces	Paul Lefrere		31/10/2017	https://zine.tcbl.eu/tagging/
Zine	2.1	How to Win the eCommerce Game	Wouter de Roy van Zuidewijn		30/06/2017	https://zine.tcbl.eu/how-to-win-the-ecommerce-game/
Zine	2.1	Increasing Sales with Social Commerce	Wouter de Roy van Zuidewijn		27/06/2017	https://zine.tcbl.eu/increasing-sales-with-social-commerce/
Zine	2.1	Open Source Machinery: Embroidery Kit	Frédérique Thureau		21/06/2017	https://zine.tcbl.eu/open-source-machinery-embroidery-kit/
Video	D8.6	Is the clothing business a tech business?	Pavlos Maniatakis	MIRTEC	20/06/2017	https://youtu.be/K4hmekCPTeU
Video	D8.6	Measuring Social Value	Olinga Ta'eed	CCEG	20/06/2017	https://youtu.be/asIKyXwf6gE
Video	D3.2	Virtual fashion design	Amber Slooten		15/11/2016	https://vimeo.com/191618023

Type	Ref.	Title	Author/Speaker	Organisation	Date	Link
Zine	1.1	Hotmelt Coating	Marcus Winkler, Thomas Stegmaier		22/10/2016	https://zine.tcbl.eu/hotmelt-coating/
Zine	1.1	Don't fear the water	Bill Macbeth		10/10/2016	https://zine.tcbl.eu/dont-fear-the-water/
Video	D8.4	Lasers and Plasmas	Bill Macbeth	TCoE	20/06/2016	https://youtu.be/zCODY7asNWY
Video	D8.4	Augmented Reality at Work in business and learning	Fridolin Wild	OBU	20/06/2016	https://youtu.be/0lp7nkkWk6w

Open Platform

Type	Ref.	Title	Author/Speaker	Organisation	Date	Link
Other	D6.11	TCBL Socio-technical Ecosystem			30/06/2019	https://prezi.com/tcuvncsb5tuo/?utm_campaign=share&utm_medium=copy&rc=ex0share
Other	D1.4	Github repository: internal-server-docs			17/01/2019	https://github.com/TCBL/internal-server-docs

Type	Ref.	Title	Author/Speaker	Organisation	Date	Link
Guide	D6.8	Discovering TCBL			31/03/2018	https://issuu.com/tcbl/docs/discovering_tcbl
Guide	D6.8	TCBL in Action			31/03/2018	https://issuu.com/tcbl/docs/tcbl_in_action
Video	D8.7	How to use the new TCBL website: for Partners	Alexandra Korey	Flod	29/03/2018	https://youtu.be/JQ7DKm5M5-Y
Video	D8.7	How to use the new TCBL website: all registered users	Alexandra Korey	Flod	29/03/2018	https://youtu.be/8LsZEdnDDA
Other	D1.3	Github repository: tcbl-user-data-manager			12/03/2018	https://github.com/TCBL/tcbl-user-data-manager
Guide	D8.7	Finding your Way Around TCBL			31/10/2017	https://issuu.com/tcbl/docs/finding_your_way_around_tcbl
Other	D1.3	Github repository: single-sign-on-docs			11/07/2017	https://github.com/TCBL/single-sign-on-docs

Type	Ref.	Title	Author/Speaker	Organisation	Date	Link
Video	D1.3	Creating new Knowledge Items in vDiscover		DITF	05/05/2017	https://youtu.be/B6vqcqRN2zY
Video	D1.3	Search for Knowledge Items in vDiscover		DITF	05/05/2017	https://youtu.be/IKhXUUbVWS8
Video	D1.3	Login to vDiscover		DITF	05/05/2017	https://youtu.be/RtB08KiUbhY
Other	D6.2	Github repository: community-edition-setup			27/08/2014	https://github.com/TCBL/community-edition-setup

Business Services

Type	Ref.	Title	Author/Speaker	Organisation	Date	Link
Guide	D5.6	Sqetch for Brands: Connect and Quotation Request. A Skillaware Guidebook.			30/06/2019	https://issuu.com/tcbl/docs/sqetch_for_brands_-_connect_and_quo

Type	Ref.	Title	Author/Speaker	Organisation	Date	Link
Guide	D5.6	Sqetch for Brands: Search. A Skillaware Guidebook.			30/06/2019	https://issuu.com/tcbl/docs/sqetch_for_brands_-_search_v1.0
Guide	D5.6	Sqetch for Manufacturers: Messaging and Product Management. A Skillaware Guidebook.			30/06/2019	https://issuu.com/tcbl/docs/sqetch_for_manufacturers_-_messagin
Guide	D5.6	Sqetch for Manufacturers: Set up a company profile. A Skillaware Guidebook			30/06/2019	https://issuu.com/tcbl/docs/sqetch_for_manufacturers_-_setup_a_
Guide	D5.6	Sqetch for Brands: Messaging and Product Management. A Skillaware Guidebook.			30/06/2019	https://issuu.com/tcbl/docs/sqetch_for_brands_-_messaging_and_p
Guide	D1.4	TCBL Directory Instructions			23/06/2019	https://issuu.com/tcbl/docs/tcbl_directory___instructions_how_t
Video	D8.8	Supply chain management	Martina Gheri	Cleviria	30/05/2018	https://youtu.be/juiXAvmNBAc

Type	Ref.	Title	Author/Speaker	Organisation	Date	Link
Guide	D4.3	Manualethela pdf profilopersonale v1 0	funzioni		05/05/2018	https://issuu.com/tcbl/docs/manualethela_pdf_funzioni_profilope
Guide	D4.3	Manualethela pdf profiloazienda v1 0	funzioni		05/05/2018	https://issuu.com/tcbl/docs/manualethela_pdf_funzioni_profiloaz
Video	D5.3	WAVE screencast	Luca Leonardi	ARCA	02/05/2018	https://youtu.be/Ql2KJFqI68w
Video	D5.3	Sqetch for Manufacturers		Sqetch	02/05/2018	https://youtu.be/s8hq_80gPYQ
Video	D5.3	Sqetch for Brands		Sqetch	02/05/2018	https://youtu.be/8D53AKmHibY
Video	D1.3	Screencast SSO for users	Martin Van Brabant	IMEC	02/05/2018	https://youtu.be/PYrngJ0rdWA
Video	D1.3	Screencast SSO for integrators	Martin Van Brabant	IMEC	02/05/2018	https://youtu.be/RfFkCadvrk8
Guide	D5.3	Thela Guidebook			28/02/2018	https://issuu.com/tcbl/docs/thela_guidebook

Type	Ref.	Title	Author/Speaker	Organisation	Date	Link
Guide	D5.3	Sqetch Guidebook			28/02/2018	https://issuu.com/tcbl/docs/sqetch_guidebook
Guide	D5.3	Wave Guidebook			28/02/2018	https://issuu.com/tcbl/docs/wave_guidebook
Zine	2.2	7 Sites to find Design and Manufacturing Expertise in the Fashion and Textile Sector	Bill Macbeth, Richard Axe, Ruth Farrell		05/08/2017	https://zine.tcbl.eu/7-sites-to-find-design-and-manufacturing-expertise-in-the-fashion-and-textiles-sector/
Zine	2.1	Identifying the Best Manufacturer with Sqetch	Wouter de Roy van Zuidewijn		30/06/2017	https://zine.tcbl.eu/identifying-the-best-manufacturer-with-sqetch/

Service Providers

Type	Ref.	Title	Author/Speaker	Organisation	Date	Link
Video	D8.10	Sustainable logistics	Ben Chartoire	Pimpampost	29/05/2019	https://youtu.be/s1Bf2PjFPUk

Type	Ref.	Title	Author/Speaker	Organisation	Date	Link
Video	D8.10	Talking Label to certify compliance TCBL	Davide Squarise	EWT	29/05/2019	https://youtu.be/q4lyD9zilvQ
Video	D8.8	Tracing recycled cotton	Boudewijn Mos	RemoKey	30/05/2018	https://youtu.be/lqS76sQZznw
Video	D8.8	On-line textile community service	Olof Werngren	Sourcebook	30/05/2018	https://youtu.be/tbF3umHBRYM
Video	D8.8	Social impact crowdfunding	Stefano Rossi	LITA.co	30/05/2018	https://youtu.be/nfRA_Tg3F0U
Video	D8.8	Testing the Provenance blockchain service in fashion	Neliana Fuenmayor	A Transparent Company	29/05/2018	https://youtu.be/DliNUNaQMIU
Video	D8.8	Becoming Digital	Nicola Antonelli	Luisa Via Roma	29/05/2018	https://youtu.be/kuIkqDLOJK0
Video	D8.8	Circular Services and Transparency	Nin Castle	Reverse Resources	29/05/2018	https://youtu.be/WEauoCHabww
Video	D8.8	The Circular Double Loop	Ina Budde	Circular Fashion	29/05/2018	https://youtu.be/hOkRlvQvGUQ




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Type	Ref.	Title	Author/Speaker	Organisation	Date	Link
Guide	D7.2	Associate Service Providers Guide			31/10/2017	https://issuu.com/tcbl/docs/associate_service_providers_guide

ANNEX III : TRENDS and R&D priorities identified by PROSUMER NET

This Socio-Economic Report on Consumer Market Trends and Barriers has been prepared by Athanase Contargyris and has been released by IFTH in the Framework of PROsumer project, based on the exploitation of the answers of a survey which has involved from October 2011 to February 2012, 103 experts coming from the Industry sectors covered by PROsumer and from the R&D fields to which PROsumer has focused its work.

This survey aims to feed with the required analysis of existing socio-economic trends the Roadmap for common R&D initiatives to be undertaken by the sectors involved in PROsumer. That's why its main focus has been to analyse the current and future Market Trends which can affect the targeted sectors, in order to:

Identify what will be the evolution of these trends and what can be their potential impact on the targeted sectors

Which of them are creating challenges and needs requiring specific R&D and which R&D fields can contribute to this

What are the specific bottlenecks and obstacles to be faced in these R&D fields and what are the probabilities to overcome them

How trends are interrelated with each other, in order to identify those playing a key role by reinforcing other trends

How trends are related to R&D fields working on answers to the challenges and needs they raise and which are those which influence the importance that should be given to some R&D fields.

In order to facilitate the further exploitation of its results and conclusions by PROsumer project, the answers to these questions have been articulated according to the 4 Scientific Research Themes (SRTs) in which PROsumer work is organized:

SRT1 (Multi-) functional products for specific applications and uses

SRT2 Intelligent manufacturing & the smart value chain

SRT3 New design and product life-cycle concepts

SRT4 Customisation, Personalisation & Consumer Empowerment

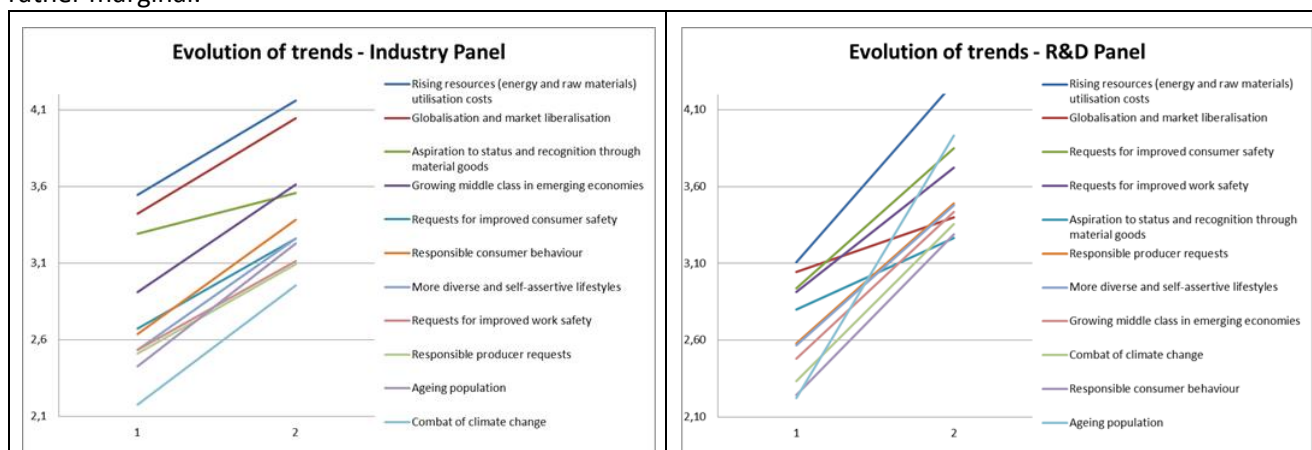
This influenced both the way the answers of the survey have been treated, which is explained in the introductory chapters of this report, but also the way the report itself is structured, after these initial chapters.

The main chapter of this report provides an analytic review of the answers to the first three questions (as described above), under sub-chapters specific for each SRT. Main conclusions of this chapter are that the trends submitted for evaluation are considered as being all relevant, but while their current impact is still weak they will become stronger in the future, requiring an important R&D effort.

The specific impact and the required R&D effort is analysed and prioritized, for each SRT, using the evaluation provided by the experts of the relevance of the contribution of each R&D field suggested, of the specific obstacles to overcome and of forecasts of the feasibility and the capacity of EU R&D to overcome them.

Main conclusions of this part are that expected dominant trends are:

- a rising cost of resources (energy and raw materials): the trend which is already important for most of Experts is expected to become dominant for all Experts.
- globalization and market liberalization - for Industry (business) Experts -: this trend which is considered as important, currently, for most of the experts, will become dominant according to all Industry Experts, while all R&D Experts foresee that it will be down-sized.
- ageing population - for R&D Experts: this trend which is almost inexistent today according to all experts will become dominant according to all R&D Experts, while all Industry (business) Experts foresee it as rather marginal.



The other interesting finding is that the importance of the R&D effort required for facing current challenges and their expected evolution is not following exactly this order. Both R&D and Industry Experts agree that the R&D effort should be higher for:

Rising cost of resources (energy and raw materials)

Requests for improved consumer safety

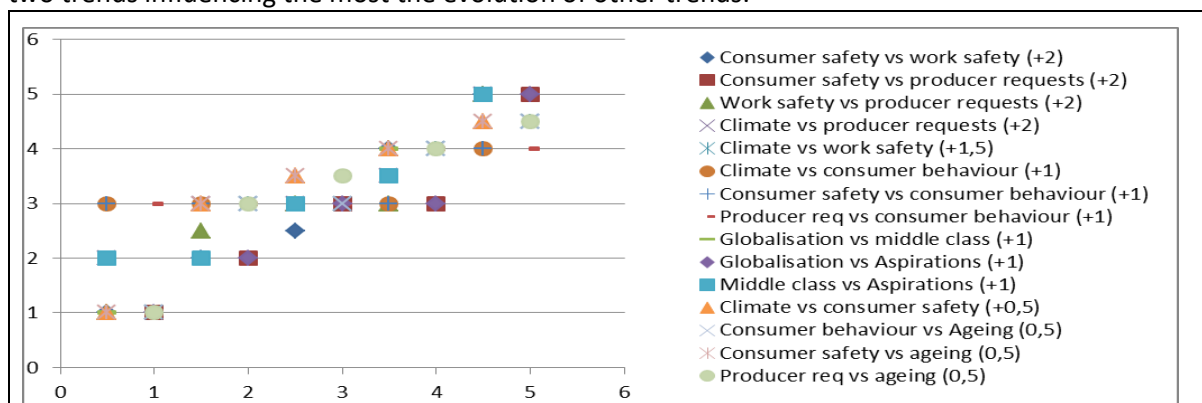
Ageing population

For the 4th position opinions diverge between R&D and Industry experts:

Industry experts think that R&D effort should be put in facing Globalisation challenges

R&D experts think that R&D effort should be put in facing Climate Change

The potential impact of the observed trends and their inter-relations, examined in Chapter 5, shows the importance of the two trends added in the selection above: Consumer Safety and Climate change are the two trends influencing the most the evolution of other trends:



Finally, surprisingly enough, when we examine the answers concerning the most relevant R&D fields on which effort should be concentrated, the order obtained is not clearly expressing the order of the importance given to the trends.

BUSINESS RELEVANCE OF SRT THEMES (MAXIMUM= 10)	All Industry Panel		
	Answers	MEDIAN	Average
Design driven functional products and/or Product variety by design	48	9	8,08
On demand manufacturing and/or Small series production for special needs	49	8	7,67
Rapid design & fast global market launches	48	8	7,44
Biobased, renewable materials and/or Multifunctional, high quality materials	44	7,5	7,36
Globally networked production & supply chain	47	8	7,34
European creativity & value driven products for the global market	47	8	7,28
Knowledge management in the value chain and/or Adaptive manufacturing	47	8	7,23
Virtual prototyping & market testing	47	8	6,96
Track & trace	45	7	6,76
Product ergonomics	46	7,5	6,72

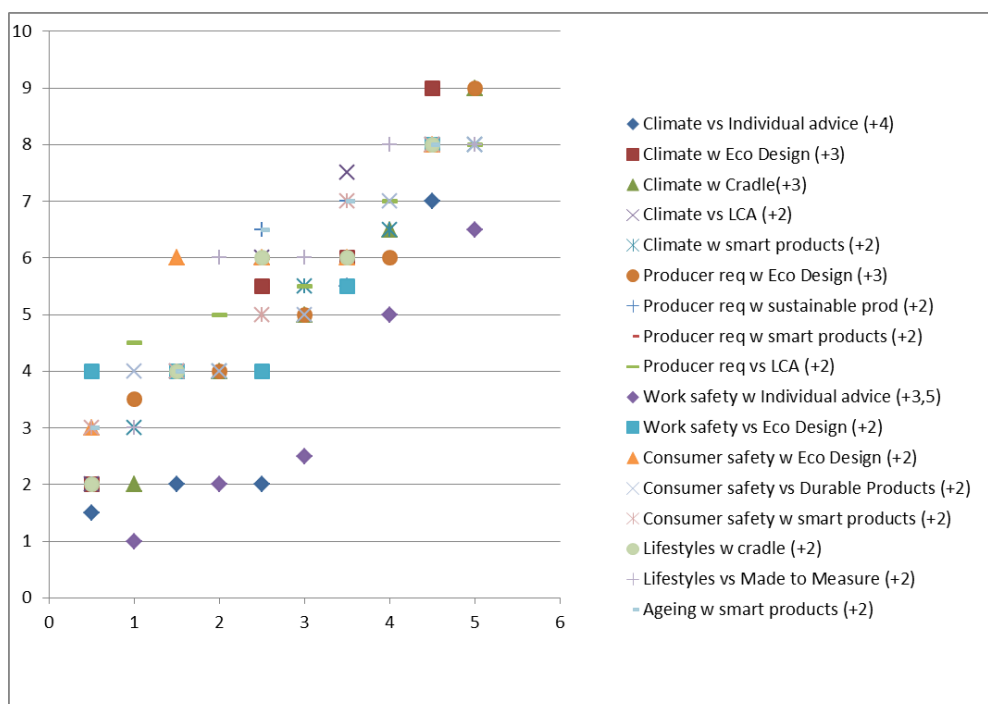
In these top 10 (out of 24) R&D fields none is addressing the rising of cost of resources; indeed the three R&D fields which should be expected the most relevant given the high importance given to the rising cost of resources should have been:

Resource efficient, sustainable production (ranked 16th)

Durable & recyclable products (ranked 17th)

Ecology & safety by design (ranked 19th)

Finally, in the attempt made in the conclusion of this study to relate trends with R&D fields, through an observation of how the increase of these trends influences the business relevance of R&D fields, we identified 15 strong associations, originating from a limited number of trends, which are not following completely those prioritized by the experts: Climate change (5 occurrences), Consumer safety (3) and Ageing Population (1) are the only top trends participating to these associations, while Producer requests (4), Work safety (2) and more diverse lifestyles (2), which have not been considered as top trends are playing an important role:



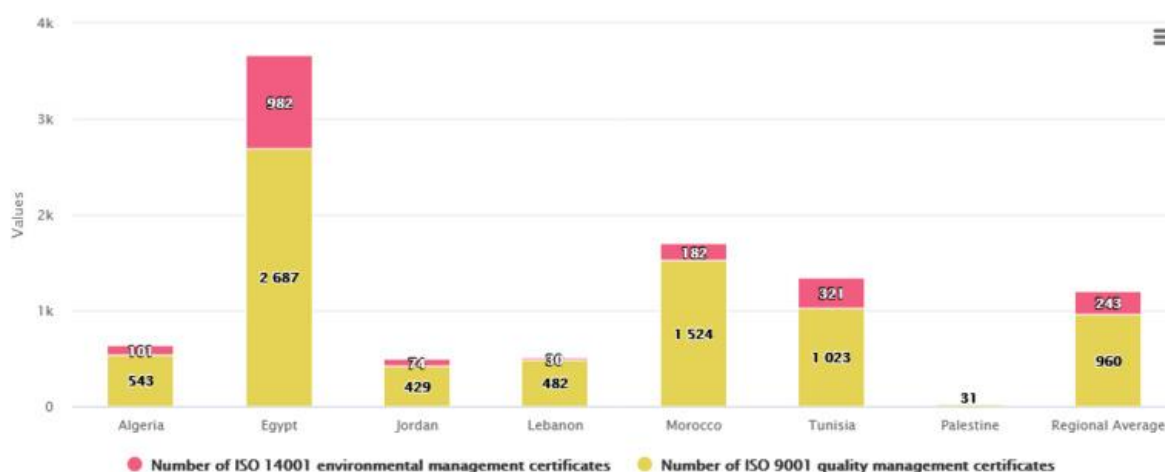
ANNEX IV The Next Society innovation scoreboard (Econostrum)

The Next Society lance le premier tableau de bord de l'innovation des pays du Sud de la Méditerranée

(ECONOSTRUM Article – SOURCE : <https://www.econostrum.info/send/46041741/>)

Développé par le programme européen The Next Society avec le Forum euroméditerranéen des instituts de sciences économiques (Femise) et le réseau Anima Investment Network, le premier tableau de bord numérique et interactif de l'innovation au Sud de la Méditerranée permet d'obtenir des données sur sept pays à partir de soixante-dix huit indicateurs dont plusieurs inédits.

Innovative products in International Markets



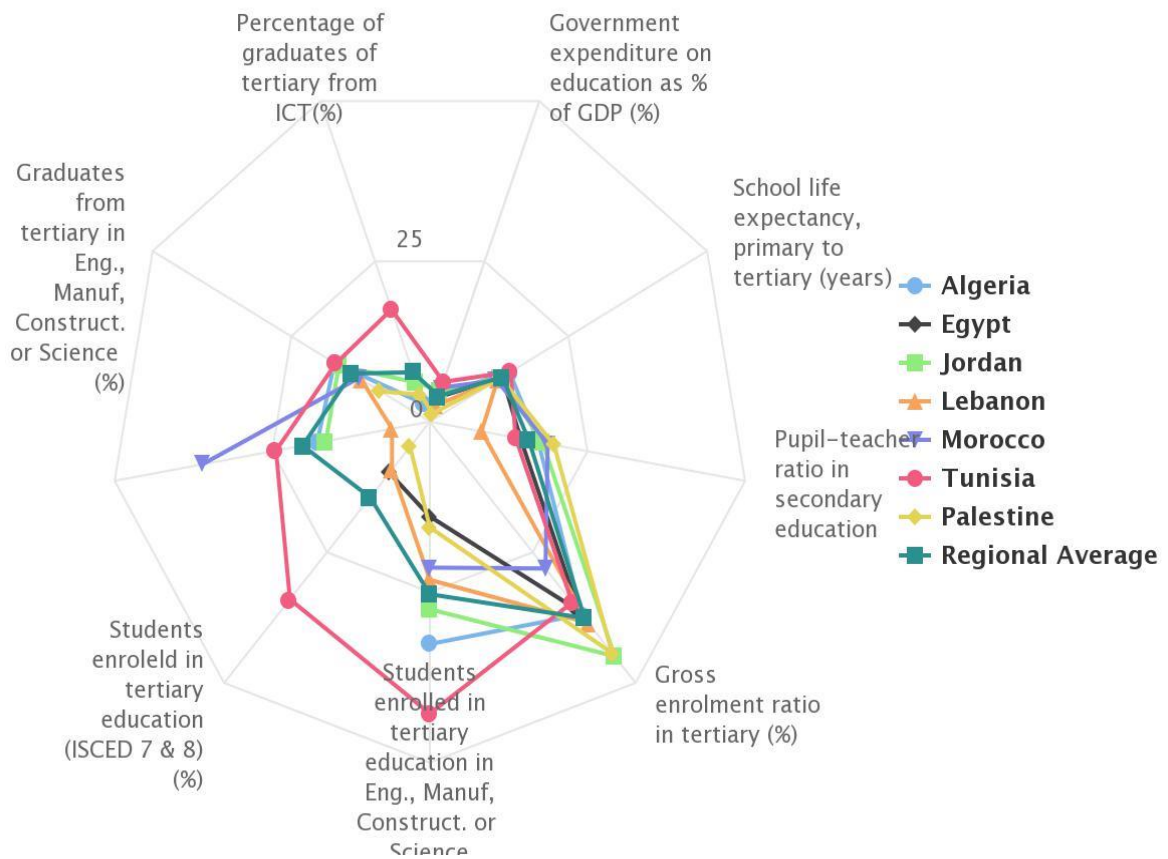
Le tableau de bord permet de faire des comparatifs entre les Dans le cadre de The Next Society, le Forum euroméditerranéen des instituts de sciences économiques (Femise) et le réseau méditerranéen de coopération pour le développement économique Anima Investment Network, chef de file de ce programme européen lancé en 2017, publie le premier tableau de bord de l'innovation adapté aux spécificités des pays du Sud de la Méditerranée. sept pays retenus (graphique : The Next Society)

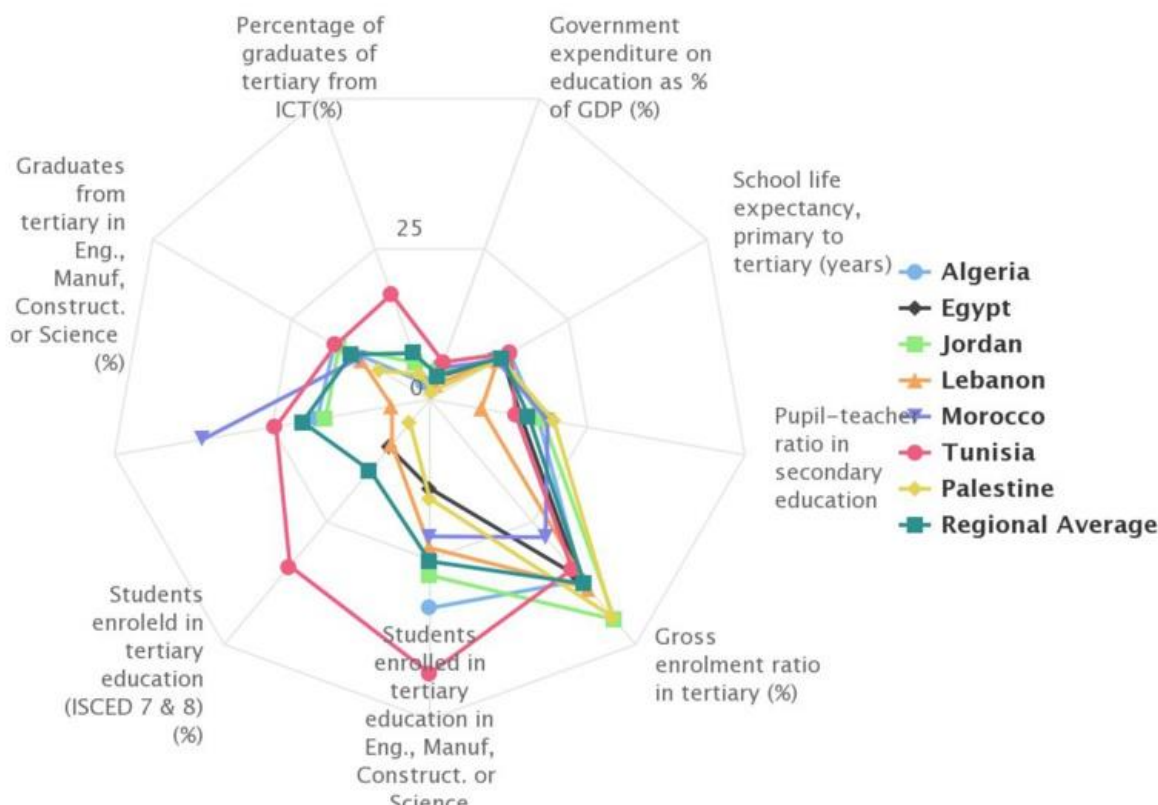
Numérique et interactif, il s'appuie sur soixante-dix-huit indicateurs et permet de mesurer l'innovation dans la région. "Elle joue un rôle crucial dans le développement économique et social. C'est un important moteur de croissance, de productivité, de compétitivité et de création d'emplois. L'innovation peut également contribuer à relever certains des défis socio-économiques tels que la santé et la pauvreté",

indique un communiqué commun aux deux associations basées à Marseille.

Oui, mais, encore faut-il bien s'entendre sur ce concept si volatil aux définitions à géométrie variable selon la catégorie des acteurs du système national de l'innovation que sont les institutionnels, le tissu industriel, les chercheurs...

"L'innovation, tout le monde en parle, mais il n'est pas évident de la définir dans la région et donc de la mesurer. Il n'existait jusqu'alors pas d'outil commun le permettant", souligne Mathias Fillon interrogé par econostrum.info. Coordinateur de The Next Society, il met en exergue les deux principaux atouts de ce tableau de bord. "Il est unique, c'est le premier à voir le jour en Méditerranée. Les soixante-dix-huit indicateurs ont été sélectionnés pour prendre en compte les particularités régionales et donc offrir des informations détaillées sur le niveau de performance atteint par les pays méditerranéens en matière d'innovation en regard du contexte régional", commente-t-il.





78 indicateurs pour 7 pays

Les graphiques interactifs agrègent plusieurs indicateurs voisins (graphique : The Next Society)

Dans les tableaux de bord existants, "les indicateurs de mesure de l'innovation ont été principalement pensés pour les économies des marchés développés et les pays émergents et ne sont donc pas en mesure de donner une image réelle des progrès réalisés par les pays en développement et des défis qu'ils relèvent", indique un communiqué de The Next Society. De plus, il ne reflètent pas les progrès, ou le manque de progrès, de l'innovation dans les pays du Sud de la Méditerranée. Celui-ci permet d'établir des comparatifs entre les sept pays et même au sein des pays grâce aux données annuelles.

Les chercheurs du Femise, partenaire de ce consortium et experts dans les enjeux de développement de la Méditerranée, ont donc sélectionné les indicateurs les plus pertinents sur les trois phases principales du processus de l'innovation (entrée, processus, production). Au point que certains de ces indicateurs n'avaient jamais été utilisés auparavant et ont été spécifiquement produits et suivis par le Femise pour

créer ce tableau de bord. Il s'agit notamment de ceux sur la capacité à retenir les talents (Brain Drain), le nombre de jours gagnés pour démarrer une entreprise par rapport à une année de base, le taux de croissance du nombre d'utilisateurs d'Internet et d'utilisateurs de mobiles pour 100 habitants.

L'étape suivante a été le recueil des données pour mesurer le stade atteint dans les sept pays retenus : Algérie, Egypte, Jordanie, Liban, Maroc, Tunisie, Palestine. "Anima s'est ensuite saisi de cette matière fournie par le Femise pour développer un outil en ligne accessible au plus grand nombre avec des graphiques très visuels. Nous vulgarisons pour que les données soient plus exploitables", explique Mathias Fillon.

Ces indicateurs, qui bénéficieront de mises à jour régulières, s'avèrent très instructifs. Le nouveau tableau de bord montre ainsi que l'Egypte apparaît comme le pays où une entreprise se crée le plus rapidement (en huit jours) et le Maroc comme celui où il est le plus facile d'en fonder une. L'Egypte présente également la pénétration mobile la plus forte de ces quinze dernières années alors que la croissance du nombre d'internautes la plus spectaculaire se situe au Liban et en Algérie. La proportion de chercheurs par rapport au nombre d'habitants demeure la plus importante en Tunisie, pays qui affiche aussi la plus grande part d'exportations de haute technologie en regard du total des exportations de produits manufacturés. Tandis que le Liban recense le plus de collaborations entre la recherche et l'industrie, le Maroc est celui disposant le plus de d'entreprises bénéficiant d'une certification qualité reconnue au niveau international.