








OVERVIEW OF PROJECTS FUNDED BY REFASHION SINCE 2010 WITHIN THE INNOVATION CHALLENGE

KEY

Strategic area

-  Preparation of materials for recycling.
-  Incorporation of materials coming from CLF recycling into other industries.
-  Eco-design of products in the CLF industry.









Status

-  Project abandoned/inconclusive results.
-  Finalised project/ conclusive results but no industrial development planned.
-  Projects in progress.
-  Finalised projects/ industrial pilots.

CLF category

-  Textiles
-  Footwear

N°	Name of project leader Project name	Project	Contact	Mail	RFP year	Strat. area	Status	CLF category
1	BIC ISOKTEX	Developing an innovative textile insulation.	Michel KEKAYAS	m.kekayas@cobic.fr	2010			
2	NOVAFLOOR NOVATEX	Incorporating end-of-life textiles as inert fillers in decorative plates.	Vincent FORGET	vf@ecolomy.com	2010			
3	DECATHLON OXYLANE	Manufacturing polyester yarn from post-consumer polyester textiles.	Raffaele DUBY	raffaele.duby@decathlon.com	2010			
4	PÔLE ÉCO-INDUSTRIES POITOU-CHARENTES MULTITEX	Developing a process for chemical separation of used mixed textiles.	Damien DELETRAZ	d.deletraz@pole-ecoindustries.fr	2011			
13	PÔLE ÉCO INDUSTRIES POITOU-CHARENTES MULTITEX 2	Feasibility study of a pilot enabling the chemical separation of used mixed textile materials.	Damien DELETRAZ	d.deletraz@pole-ecoindustries.fr	2013			
5	FILATURES DU PARC FILATURES DU PARC	Manufacturing recycled wool yarns of the same quality as yarns made with virgin wool fibres.	Fabrice LODETTI	filatures.parc@wanadoo.fr	2011	 		
6	TRUCS-TROUVAILLES TRUCS-TROUVAILLES	Recycling rubber soles into new soles.	Sylvie DAMERON	sylvie.dameron@gmail.com	2011	 		
7	AGENCE AIR COOP FOOTWEAR RECYCLING PROJECT	Developing and testing an industrial grinding and separation process in view of creating a footwear recycling pilot line.	Benjamin MARIAS	bm@air.coop	2012			
18	AGENCE AIR COOP FOOTWEAR RECYCLING PILOT LINE	Improving the purity of the resulting materials (leather/ rubber) and output from the recycling line.	Benjamin MARIAS	bm@air.coop	2014			
8	FRAMIMEX VIACOVER	Developing an exterior sound insulation shield in lightweight concrete integrating post-consumer textile fibres.	Mehdi ZERROUG	mehdi.zerroug@ecotextile.fr	2012			
9	FEYECON SEPARX DECOTEX 1	Developing an undyeing process for used polyester clothes to enable their recycling.	Daniéla TRAMBITAS	daniela.trambitas@feyecon.com	2012			
21	SEPARX DECOTEX 2	Moving the DécoTex I project (FEYECON) - supercritical CO2 undyeing technology to pilot scale.	Daniéla TRAMBITAS	daniela.trambitas@feyecon.com	2015			

10	CC PAYS DE COLOMBEY & SUD TOULOIS RECYTEX	Technical, economical and commercial feasibility study of creating a rigid decorative tile integrating 20 to 50% of used textiles.	Raphaël KUENY	raphael.kueny@univ-lorraine.fr	2012			
11	PRÉMICES & CO. BÉTON DE CHIFFON	Creating a range of decorative acoustic products entirely made from recycled textiles.	Amandine LANGLOIS	amandine@premicesandco.com	2013			
27	PRÉMICES & CO. PIERRE PLUME	Finishing the "Béton de chiffon" project and developing it to industrial scale.	Amandine LANGLOIS	amandine@premicesandco.com	2016			
12	MAPEA ÉCO-CHARGES	Recycling of used cotton and polycotton on clothes for use as reinforcement in the plastics industry	René GENILLON	r.genillon@mapea.com	2013			
14	LE RELAIS EKOROOM	Developing acoustic suspended ceiling tiles from recycled textiles.	Jean-Paul LOPEZ	jplopez@lerelais.org	2014			
15	FILATURES DU PARC PARCOT	Developing a defibration method for recycling used polycotton on clothes into materials suitable for weaving or knitting new clothing products.	Fabrice LODETTI	filatures.parc@wanadoo.fr	2014	 		
16	MINOT RECYCLAGE TEXTILE MINOT RECYCLAGE TEXTILE	Optimising the end-of-life textiles recycling process in order to achieve a higher percentage of used textiles in the garning process.	Jean-Luc DUSSART	jldussart@lerelais.org	2014	 		
17	CHAUSSETTES ORPHELINES ANIMA	Recycling used socks into a recycled yarn for use in hosiery.	Marcia DE CARVALHO	contact@marciadecarvalho.fr	2014			
19	WECOSTA SILENCIO	Developing an eco-friendly acoustic silencer for housing ventilation systems.	Hugues BROUTÉ	hbroute@wtxautomotive.com	2015			
20	IN SOFT ECTOR	Developing an eco-designed shoe with a knitted fabric upper.	Patrick MAINGUENÉ	pamainguene@in-soft.fr	2015			
34	IN SOFT ECTOR SE RECYCLE	Recycling the Ector eco-designed shoes.	Patrick MAINGUENÉ	pamainguene@in-soft.fr	2017			
22	SYNERGIES TLC AUTOTRI	Studying and developing a new sorting method for non reusable textiles in order to use these secondary materials.	Thomas FRAINEUX	thomas.fraineux@synergiestlc.fr	2015			
23	CETI DELISS	Studying and developing either automatic or semi-automatic processes for removing trims from used clothing to facilitate recycling.	Pascal DENIZART	pascal.denizart@ceti.com	2016	 		
24	CTC GROUPE THERMICUIR	Recovering heat from waste leather from end-of-life shoes.	Régis LETY	rlety@ctcgroupe.com	2016	 		
25	LA MANUFACTURE GROUPE ERAM DESIGN FOR REPAIR	Developing a new design and manufacturing process allowing for easy disassembly of all components in a shoe at end of life.	Gauthier BEDEK	gbedek@eram.fr	2016			
26	L'ÉQUIPE 1083 JEANS RECYCLÉS	Developing a recycled cotton yarn from old jeans.	David LEROMAIN	david@1083.fr	2016			

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28	SILAC INDUSTRIE ECO3F	Making a range of acoustic insulati on for the automotive industry from used textile materials.	Valéran HIEL	vhiel@silacindustrie.com	2016			
29	IFTH / UTT / LE RELAIS CAREFIL	Improving the quality of yarns made from recycled used clothes.	Philippe MESNAGE	pmesnage@ifth.org	2017			
30	CID PROCESS CID PROCESS	Mechanical separation of cotton and elastane in used jeans.	Roland GUIBERT	roland.guibert@wanadoo.fr	2017			
31	L'ÉQUIPE 1083 CELL-JEANS	Wet-spinning cott on waste from used jeans in order to create a man-made cellulosic fibre.	David LEROMAIN	david@1083.fr	2017			
32	CAMY HODEI	Designing and developing a modular, monomaterial and recyclable shoe.	Benjamin CAMY	benjamin@hodei.fr	2017			
33	AUDACIE PLAS'TILE	Recycling used non-reusable textiles into plastic resins.	Charlotte WALLET	c.wallet@audacie.org	2017			
35	AGENCE AIR COOP REVIVE/RECYCLE	Setting up a pilot project for repairing used clothes and preparing them for recycling.	Virgile AYMARD	va@air.coop	2017			
36	LES TISSAGES DE CHARLIEU LES TISSAGES DE CHARLIEU	Improving, in terms of technology and industrial process, an article entirely made of recycled postconsumer polyester from Europe, and assessing the difference between the cost price and the market price.	Éric BOËL	e-boel@ltc-jacquard.com	2017			
37	AUCHAN RECYC'LAB	Recovering fibres from end-of-life clothing into mobile phone cases using the Roctool induction heating technology.	Isabelle DAYDE	idayde@auchan.fr	2018			
38	DECATHLON 4RFID	Developing a pilot to achieve textiles' traceability, allowing for their end-of-life management, thanks to the RFID technology.	Stéphanie BAILLY	stephanie.bailly@decathlon.com	2018			
39	FCBA MOBIOTEX	Assessing the possibilities of using recycled textile fibres as an essential component of wood framed constructions.	Zaratiana MANDRARA	Zaratiana.Mandrara@fcb.fr	2018			
40	MAXIMUM TISSIUM	Developing a rigid material made from textile waste fibres intended for furniture manufacturing for the tertiary sector.	Romée DE LA BIGNE	romee@maximum.paris	2018			
41	TECHTERA JEPLAN	Assessing the reliability of an implantation project in France of a JEPLAN's plant for recycling used polyester textiles into recycled PET pellets.	Julie RAFTON-JOLIVET	jrafton@techtera.org	2018			
42	VERT-TICAL NORD ÉCO-LOGIC WALL	Developing a green wall using recycled textiles to replace substrates and sphagnum (natural moss) currently used.	Frédéric LOGEZ	contact@vert-tical.fr	2018			

43	WECOSTA QWIET	Developing solutions to improve the acoustic comfort in public spaces (offices, industrial premises, etc.) by using ecological materials including materials from the used textiles sector.	Hugues BROUTÉ	hbroute@wtautomotive.com	2018			
44	CYCL-ADD TEXTIC	Developing a recycling process for used non reusable polyamide clothing, including sorting, trimming, characterisation, micronization and compounding for plastics making.	Hervé GUERRY	hguerry@cycl-add.fr	2019			
45	FABBRICK FABBRICK	Developing a structural, insulating and aesthetic construction material from recycled used textiles.	Clarisse MERLET	clarisse.merlet@fabbrick.fr	2019			
46	FILATURES DU PARC PAMREC	Recycling used polyamide clothes into a recycled yarn for use in textile products.	Fabrice LODETTI	filatures.parc@wanadoo.fr	2019			
47	HUMEAU BEAUPRÉAU REBOOT	Pre-study on the feasibility and cost of recycling used PVC footwear; and testing of a recycling loop with defining specifications for setting up the recycling loop at an industrial scale.	Anne-Céline HUMEAU	ac.humeau@bopy.fr	2019			
48	IDELAM RECHAUSS	Developing an innovative technology for delaminating shoes (leather/textile) by supercritical fluid and a new recycling loop for used shoes.	Eric DURIVALT	eric.durivault@idealtechnologies.fr	2019			
49	LE SLIP FRANÇAIS LE SLIP CIRCULAIRE	Developing a yarn containing the highest possible % of recycled cott on with a fineness up to 1/60Nm from used underwear and socks for use in the making of Le Slip Français' products.	Solène NAEYE	solene.naeye@leslipfrancais.fr	2019			
50	SYNERGIES TLC UTILE	Feasibility study of setting an industrial unit for the trimming and sorting of used cotton, polyester and polyamide textiles (100% and blends), based on materials specifications defined with recyclers.	Clara POTTON	c.potton@synergies-tlc.com	2019			
51	VALVAN TRIMCLEAN	Development of an automated integrated solution that allows the removal of trims (including labels, buttons, zippers etc.) from used clothing.	Maurits VANDEPUTTE	Maurits.Vandeputte@valvan.com	2019			
52	Groupe ERAM ZAPATEKO II	Development of a demonstrator for disassembling non-reusable footwear via automated sorting and assisted pulling.	Gauthier BEDEK	gbedek@eram.fr	2020		NEW	
53	Phénix Sport R-Shape	Developing a demonstrator for recycling non-reusable polyester sportswear into a plastic composite material used to create sport accessories.	Paul-Emmanuel GUINARD	paul@phenix-sport.com	2020		NEW	
54	SOEX TexID	Developing an automated sorting pilot line for textile materials recognition though NIR spectroscopy to the industrial scale.	Louisa TEMAL	temal@ico-spirit.com	2020		NEW	
55	VERT-TICAL NORD SOLIOTI	Development of a full size green wall demonstrator integrating a recycled textile nonwoven and an optimised watering system.	Frédéric LOGEZ	contact@vert-tical.fr	2020		NEW	