

ANNEX II: TERMS OF REFERENCE

1. BACKGROUND INFORMATION

This tender procedure is launched in the frame of the *Stand Up!: Sustainable Textile Action for Networking and Development of circular economy business ventures in the Mediterranean* Project funded by ENI CBCMED Programme. (<https://www.enicbcmmed.eu/projects/stand-up>).

The Project is led by **TEXFOR** – the Spanish Textile Industry Confederation (Spain, Cataluña). Other Project's Partners (PPs) are:

- **ARC** – Waste Agency of Catalonia (Spain, Catalunya);
- **BTF** – Berytech Foundation (Lebanon);
- **SEKEM** – SEKEM Development Foundation (Egypt, Ash Sharquiyah);
- **CETTEX** – Textil Technical Centre (Tunisia, Tunis);
- **PRATO** – Prato Textile Museum Foundation (Italy, Toscana);
- **CITET** – Tunis International Center for environmental Technnologies (Tunisia, Tunis).

The Project's duration is **3 months** (June 2023 - September 2023).

The Stand Up! objective is to design, support textile entrepreneurs and eco-innovative ventures in 5 countries and help them seize the business opportunities that the green evolution will generate. And will benefit:

- Eco-innovative textile and clothing entrepreneurs and enterprises
- Sector aggregators
- Local authorities
- Academic and research institutions
- Local, national and regional public sector organizations
- Relevant intellectual property agencies

The ultimate objective of the Project is to carry out such CBC Initiatives together with small and medium companies and BROs and finally establish new *Euro-Mediterranean Alliances*

1.1 Beneficiary countries: Spain (country of the Lead Beneficiary) and: Lebanon, Tunisia, Egypt, Italy.

1.2 Contracting authority: TEXFOR, Confederación de la Industria Textil - C/Sant Quirze, 30 - 08201 Sabadell

1.3 Involved countries background and current situation in the sector:

Textile and clothing have a long tradition in the Euro-Mediterranean countries. The manufacture and the export of textile and clothing products, as the second most-traded goods (after oil and gas) and a priority sector in the region, are a factor in economic development and political stability in the Mediterranean partner countries.

After a period of austerity, South European Mediterranean countries (Spain, Italy and Greece) were significantly improving their economies in the latest years (2017/2018). In 2019 their growth is slowing down either for external impacts (decrease of international commerce) and/or for internal

reasons (in Italy particularly). Within these general economic conditions, the issues related to environment have increased momentum. Consequently, T/C companies are focusing on specializations that strengthen their competitive advantages in the international arena adding to them efforts for innovation in materials, applications as well as for including the T/C sector in circular economy. In the Mediterranean Partners Countries, T/C companies are trying to consolidate competitive advantages either by strengthening their ties with international partners and by improving their technology and marketing capacities and capabilities.

The T/C scenario has deeply changed in the latest years. The new challenges come from advanced countries for high performances/added value productions. Novelties (technical textiles), digitalization, Industry 4.0 are creating an innovation gap for the MSB T/C industry. The weakness in innovation combined with the usual cost competition from Asian countries put the T/C EuroMed sector in a Scylla/Charybdis situation.

Moreover, the current COVID-19 pandemic is modifying the global scenario of the T/C industry and the resulting severe economic crisis is seriously affecting the T/C enterprises, both on the Northern and Southern rims of the Mediterranean.

For more details, see <https://www.enicbcmmed.eu/projects/stand-up>

2. OBJECTIVE & EXPECTED RESULTS

2.1 Objective

The general objective of the project is to ensure the traceability of Spanish merino wool, from animal origin to the fabric and eventually to the garment. By using a replication of the software created from Retexcycle.

The specific objectives of the project are the following:

- Replicate through specific technologies Retexcycle's digital dual tracking software for the traceability of Spanish merino wool.
- Carry out a pilot test of the developed system, adjust the system with the data obtained in the test and put the system into operation.

2.2 Results to be achieved by the contractor

- Deliverables:

Developed software based on Retexcycle's platform.

Pilot test of the developed system.

- Milestones:

At the end of the first stage:

- Definition of the information flow, actors participating in it and interrelationships.
- Draft of technical specifications, which defines the system to be implemented based on Retexcycle platform.

At the end of the second stage:

- Implementation of the system.
- Pilot test.
- Implementation of the system considering the feedback from the pilot test.

3. SCOPE OF THE WORK

3.1 General

3.1.1 Geographical area to be covered: Spain, Italy, Tunisia, Egypt, and Lebanon

3.1.2 Target groups:

Potential applicants to the project's CBC initiatives, i.e., companies (startups, micro, small and medium enterprises).

3.2 Specific work

The request is to develop a software based on the Retecycle technology for traceability of Spanish merino wool. The specific work is divided into two stages, in which the selected company has to participate in different ways.

In the first stage, the selected company is expected to participate in a partial way to understand how the platform works. In this stage, the firm will provide support in the definition of process and material flow, functional specification system and in the identification of GAPS in the current platform.

The second stage is the one to be done by the selected company and consist of refining detected GAPS; implementation of the system (backlog, adjustments to the business and data model and creation of new functionalities. Moreover, this part includes the integration testing, which involves modular testing, Retecycle platform integration testing, implementation of pilot test and the adjustments with feedback from the pilot. Lastly, the system will be put into operation.

Image, templates as well as any other material or document produced in the frame of this assignment shall comply with ENI CBCMED Communication and Visibility Guidelines annexed to these Terms of Reference.

3.3.1 Responsible body:

The responsible body for the management of this assignment is TEXFOR.

4. LOGISTICS AND TIMING

4.1 Location: Spain

4.2 Start date & period of implementation:

The assignment will start upon contract's signature and shall be concluded by September 2023.

5. REQUIREMENTS

5.1 Staff

Note that civil servants and other staff of the public administration of the beneficiary country cannot be proposed as experts, unless prior written approval has been obtained from the European Commission.

All experts must be independent and free from conflicts of interest in the responsibilities they take on.

5.1.1 Key experts

Key Expert 1: Software developer

5.2 Office accommodation and Facilities to be provided by the contractor

The expert is supposed to work at his/her own premises. In any case, the costs of the office accommodation are to be covered by the contractor.

5.3 Equipment

No equipment is to be purchased on behalf of the contracting authority / partner country as part of this service contract or transferred to the contracting authority / partner country at the end of this contract. Any equipment related to this contract that is to be acquired by the partner country must be purchased by means of a separate supply tender procedure.

6. REPORTS

6.1 Reporting requirements

Each invoice of the Contractor shall be accompanied by a detailed description of the services rendered in the period.
