



Framework Initiative

DYEING SMALL BATCHES

WP5: Innovation

1. Background.

Some of the many constraints that SMEs (local/regional brands, particularly in MPC) have to face because of their limited size and capacity stem from:

1. hard access for small orders to raw materials (fabric in particular) at reasonable prices.
1. difficulties of adding value to their products by a good quality of finishing because of the small size of their batches (cost and technical constraints) as well as the low competence in the field of dyeing (tests and production).

Therefore, the need to fulfil is to provide them with appropriate equipment, expertise and facilities to overcome these weaknesses.

This initiative is based on specific equipment to be purchased and installed by “Technological Resource Center” (CRT) in Monastir from CETTEX and managed by CETTEX resources with the support of experts.

The new “small batch dyeing unit” will serve all SMEs participating to the Initiative within the framework of the Project. The equipment will be used for small quantities and for testing. Tentatively all tests and dyeing activities will be done free of charge or at a minimum reimbursement cost. Cettex and CRT own right technical competences to provide the support to SMEs (final beneficiaries) for developing new skills and for mastering dyeing techniques.

This SI is synergic to the development and the finalization of other NFIs of the project: in particular: the NFI “*Fashion Re-start*” and the SI “*Patchwork*” encompassed in the NFI “*CE in the T/C sector*”. Possibly, the equipment may be useful also for “community masks” as in SI “*Structuring a framework for the production, testing and labelling of community cloth face coverings*” encompassed in NFI “*Health Emergencies*”.

2. Objectives.

Make a number of SMEs manufacturing “small items” (such as: beach wear, underwear/lingerie, accessories like foulards, scarves, hijabs, niqabs, etc.) be able to produce high quality dyed items. This may allow them to add value, be independent from strong suppliers of raw materials and give a better market position to their brands.

Training SMEs for colorimetric development by the use of hand-on tools.



Support for companies that are already in demand and that have dyeing activities (piece dyeing, yarn dyeing, etc.) of cutting-edge dye expertise.

3. Design of the Specific Initiative.

- Procurement and Set up of the new equipment
- Selection of specialized expert for training
- Promotion of the facility and training
- Delivery of services supported by subgrants
- Lesson learned and recommendation for long term provision of services to SMEs

4. Tentative Timing and Duration.

The timing for the implementation of the NFI is conditioned by the evolution of the Covid-19 Pandemic. The following Activity plan is largely tentative.

After a Preparation phase that starts in May 2020 (after the Strategic Workshop) to September 2020 (procurement procedure), the facility will serve the project to its end.

The duration of the Initiative is foreseen in 28 months: 4 for Preparation (and 24 for Implementation). The foreseen conclusion being planned in August 2022.

5. Plan of Activities.

Framework Initiative: Dyeing Small Batches																											
Act. Code	Activity	NFI Month	PREP.				IMPLEMENTATION																				
			1-4	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
INN 1.1	Procurement and Installaion																										
INN 1.2	Selection of Experts																										
INN 1.3	Initial Tests on equipment																										
INN 1.4	Promotion of facility and dying services																										
INN 1.5	Delivery of training																										
INN 1.6	Delivery of dying services to SMEs																										

6. Budget.

The NFI has three sources of financing:

1. Project Budget Line for Procurement of Goods allocated at PP3 Cettex
2. Project budget line “Services” for External Experts allocated at PP4 mfcpole
3. Subgrants to SMEs for their utilization of equipment and participation to training.

7. Leader of the MI.

PP3 Cettex under supervision of PP 4 mfcpole (responsible of WP5 Innovation within which Dying Small Batches is encompassed).