## Research program: "Regenerating the textile supply chain in the Bergamo area"

Annex Code 2

## Department of Management, Information and Production Engineering

Tutor: Prof. Ruggero Golini

## Description

The project consists of three steps described below.

Step 1: Exploratory analysis (April 2016-July 2016)

In this first phase will be carried out an analysis of the offshoring and reshoring trend in the textile sector, the critical issues / opportunities related to sustainability and the identification of other local chain regeneration initiatives (e.g. http://www.poloprato.unifi.it/it/ricerca/laboratori/progetto-prato-old/le-azioni-ciminiera/le-ciminiere-copy-1/mappatura-della-filiera-tessile.html ).

By means of the analysis of the questionnaires collected during the previous project, the missing links in the chain and will be evaluated in collaboration with companies of the most interesting initiatives in the supply chain regeneration will also be identified.

Step 2: Identification of regeneration solutions (July 2016-November 2016)

Based on the results of the first phase, the second phase will focus on the detail of the identified solutions. In particular, these solutions will be evaluated together with interested companies (through the organization of workshops):

• How to create a publicly available database that allows you to search for specific production processes carried out by each company

- Vertical cooperation projects, horizontal, and diagonal
- Projects of reshoring of productive activities.

## Step 3: Detailed design

In this step, a of cost/benefit analysis of the previously identified projects will be performed from the economical, environmental and social point of view.

In particular, the specifications of the platform will be defined.

As for the projects about collaboration and reshoring, the logistics and information flows and the policies for accesses will be analyzed and designed.