



COMPANY PROFILE for EU PROJECTS

Hülya KICIK

Elyaf Tekstil San ve Tic A.Ş.

- Elyaf Tekstil San. ve Tic. A.Ş. (1989) – Private Entity for Profit
- BURSA / TURKEY
- Twisting, Weaving, Dyeing, Printing, Physical Test Lab, Chemistry Lab, Finishing, R&D Center (2019)
- Producing sustainable textile fabrics and developing sustainable production methods
- NO experience in EU-funded projects



- Description of what you can offer to other proposals

Elyaf Tekstil is a textile company that produces dyed/printed woven fabrics for women's wear. As Elyaf, We have twisting, weaving, dyeing, printing, finishing and quality control departments. H&M and Inditex group are our main customers. Our R&D projects are focused on producing sustainable textile products and developing sustainable production methods.

www.elyaf.com

We want to be a partner in a convenient projects.

Producing nano carbon from textile yarn and fabric scraps for various purpose

- During textile production yarn and fabric scraps are inevitable. According to the statistics, There are about 2000 tonnes textile scraps of viscose materials for every year in Turkey. These scraps are mostly used for producing felt for isolation of heat and sound. In this project these scraps will be used for producing more value added material. So this activated (nano) carbon can be used for various purpose where is suitable.

Novel process and fabric development by using local plants in natural dyeing

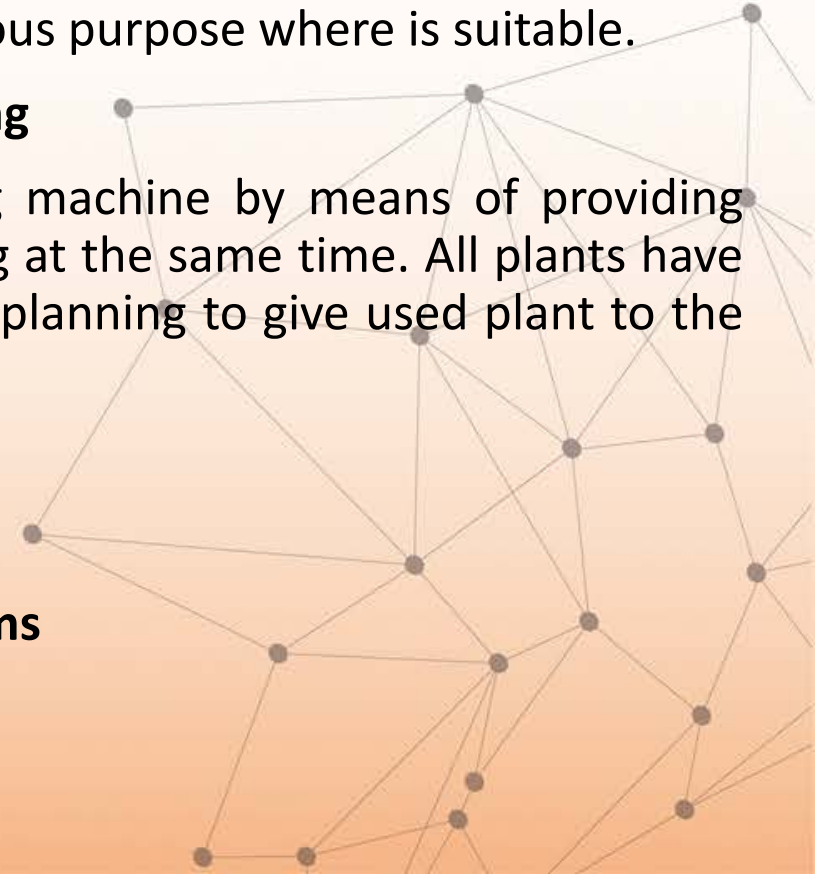
- We succeeded dyeing fabrics with local sustainable plants in jet dyeing machine by means of providing required fastness values. We performed extraction, mordaning and dyeing at the same time. All plants have GOTS certification and all mordants are not restricted substance. We are planning to give used plant to the fertilizer company. in this way we completely provide circular production.

Using 3D Printing Technology in Textile

Developing Plant Extraction Methods for Natural Textile Dyeing

Developing Sustainable Dyeing Method by Using Engineered Microorganisms

Textile Waste Water Treatment



PROJECT COOPERATION

- **HORIZON-CL4-2021-TWIN-TRANSITION-01-20** - Reducing environmental footprint, improving circularity in extractive and processing value chains (IA)
- **HORIZON-CL4-2021-TWIN-TRANSITION-01-05** - Manufacturing technologies for bio-based materials (Made in Europe Partnership) (RIA)
- **HORIZON-CL4-2021-TWIN-TRANSITION-01-14** - Deploying industrial-urban symbiosis solutions for the utilization of energy, water, industrial waste and by-products at regional scale (Processes4Planet Partnership) (RIA)
- **HORIZON-CL6-2021-CIRCBIO-01-04** - Increasing the circularity in textiles, plastics and/or electronics value chains
- **HORIZON-CL4-2022-RESILIENCE-01-05** - Technological solutions for tracking raw material flows in complex supply chains (RIA)

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