

The Finnish company seeks textile dye houses interested in testing and developing coffee-based dyes within their production systems.

## Summary

Profile type	Company's country	POD reference
<b>Technology offer</b>	<b>Finland</b>	<b>TOFI20250228008</b>
Profile status	Type of partnership	Targeted countries
<b>PUBLISHED</b>	<b>Commercial agreement with technical assistance</b> <b>Research and development cooperation agreement</b>	<b>• Poland</b> <b>• Portugal</b> <b>• United Kingdom</b> <b>• Spain</b>
Contact Person	Term of validity	Last update
<b><a href="#">Enrico FRANZIN</a></b>	<b>28 Feb 2025</b> <b>28 Feb 2026</b>	<b>28 Feb 2025</b>

## General Information

### Short summary

The Finnish company develops and provides industrial-scale natural dyeing solutions utilizing industrial side streams and waste flows, such as waste coffee.

The company seeks industrial dye houses interested in testing and developing coffee-based dyes within their production systems.

The company's innovative, eco-friendly dye solutions align with sustainability goals and offer a responsible alternative to synthetic dyes.

### Full description

The company specializes in developing industrial-scale natural dyeing solutions by utilizing industrial side streams and waste flows, such as waste coffee, for dyeing textiles and other materials. Compared to conventional synthetic dyes, the solutions reduce environmental impact, water consumption, and chemical load.

The company produces textile dyes from the coffee waste of the roastery. The waste is generated as coffee production side stream. The other raw materials are woad, willow and onion peels.

The company is looking for industrial dye houses interested in testing and developing coffee dyes within their production systems. Through collaboration, the company aims to assess the efficiency, scalability, and technical compatibility of the company's dyeing processes for industrial applications. This partnership presents an opportunity to develop innovative, sustainable solutions that meet the growing demand for natural dyes.

The company has already developed stable dye formulations, process recipes, and tested the production methods on various textile fibres. Through collaboration, the company aims to expand the range of applications and enhance the compatibility of the processes with industrial production methods.

The company has strong expertise in natural dye processing and application, along with an international network. The company offers technical know-how, research collaboration opportunities, and scalable dyeing solutions to support a more sustainable textile industry.

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#### Advantages and innovations

**Circular economy and sustainability:** The company utilizes industrial waste streams, such as waste coffee, reducing waste and providing an eco-friendly alternative to synthetic dyes.

**Industrial applicability:** The scalable natural dyeing processes are designed to integrate into industrial production.

**Lower environmental impact:** The solutions reduce the need for synthetic chemicals, lower water consumption, and minimize wastewater treatment requirements.

**Innovative dye formulations:** The company has developed unique dyeing processes that enable a wide colour spectrum using natural dyes.

**Collaboration opportunities:** The company offers industrial dye houses the chance to participate in the development of sustainable solutions and adopt the latest advancements in natural dyeing technology.

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#### Technical specification or expertise sought

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#### Stage of development

**Already on the market**

#### Sustainable Development goals

- **Goal 6: Clean Water and Sanitation**
- **Goal 14: Life Below Water**
- **Goal 12: Responsible Consumption and Production**
- **Goal 9: Industry, Innovation and Infrastructure**
- **Goal 15: Life on Land**
- **Goal 17: Partnerships to achieve the Goal**
- **Goal 13: Climate Action**
- **Goal 11: Sustainable Cities and Communities**
- **Goal 8: Decent Work and Economic Growth**

#### IPR Status

**No IPR applied**

#### IPR Notes

IPR Notes

## Partner Sought

### Expected role of the partner

An industrial dye house interested in testing and developing natural dyeing as part of its production processes. The partner should be open to new sustainable dyeing solutions and willing to participate in evaluating the feasibility of these processes on an industrial scale.

This collaboration offers the partner an opportunity to be a frontrunner in the industrial application of natural dyeing. After the testing phase, the dye house can leverage the developed processes and offer its customers new, environmentally friendly dyeing solutions that align with the growing demand for sustainable textiles.

### Type of partnership

**Commercial agreement with technical assistance**

**Research and development cooperation agreement**

### Type and size of the partner

- **SME <=10**
- **SME 11-49**
- **SME 50 - 249**
- **Big company**

## Dissemination

### Technology keywords

• **03005003 - Dyeing related to Textiles Technology**

### Market keywords

• **08001021 - Other speciality chemicals**

### Targeted countries

- **Poland**
- **Portugal**
- **United Kingdom**
- **Spain**

### Sector groups involved

## Media

Images



[Waste coffee colours](#)

