

Draft

Training Workshop “Recycling for Footwear and Apparel Industry”

24 - 25 September 2020

AGENDA

Thursday, 24 September 2020

Start: 14:00

End: 18:00

Friday, 25 September 2020

Start: 10:00

End: 14:00

Format: web-based video conferencing (Zoom)

Action implemented by:

Background

A workshop on "Recycling for Footwear and Apparel Industry" is part of the specialized RECP training within the programme "European Union for Environment (EU4Environment)" carried out by UNIDO as a part of its work on Resource Efficient and Cleaner Production (RECP) and Circular Economy in six countries of the Eastern Partnership region.

The global fashion industry is believed to account for one-tenth of the world's annual carbon emissions and to employ more than half a billion people. In Europe, the sector employs 1.7 million people and Europeans consume on average 26 kg of textiles per person per year.

High volumes of non-renewable resources are extracted to produce clothes that are often used for only a short period, after which the materials are largely lost to landfill or incineration. Of the total fibre input used for clothing, 87% is landfilled or incinerated. Only 13% of the total material input is in some way recycled after clothing use.

The European Commission has adopted a new Circular Economy Action Plan - one of the main blocks of the European Green Deal, Europe's new agenda for sustainable growth. The new Action Plan announces initiatives along the entire life cycle of products, targeting for example their design, promoting circular economy processes, fostering sustainable consumption, and aiming to ensure that the resources used are kept in the EU economy for as long as possible. A comprehensive EU strategy for textiles will be put in place in 2021.

More than 300 industries, retailers, and stakeholders in the apparel and footwear industry have come together to accelerate circular practices. They support the EC in considering a smart mix of solutions that reward the contributions of the different circular design strategies and of the different circular business models. This includes the duration of service, cyclability, reparability and sustainable production, and circular supply models replacing virgin materials, resource recovery models supplying recycled materials, product life extension models (repair, re-commerce, rental, subscription, product care and maintenance), sharing models and models marketing services instead of products. Companies like Adidas, H&M, La Sportiva lead the way.

To support this process in the EaP countries, this training workshop focuses as a first step on supporting experts in industry to exploit the potentials for textile and footwear production waste recycling and reuse into components or other consumer goods, as well as energy recovery from waste.

Training objectives, expected outputs, and outcomes

Participants will learn:

- understanding developments shaping the sectors in the future and opportunities;
- reviewing the company's waste;
- understand recycling options;
- setting priorities for action and identifying appropriate organisational and technical measures to enhance recycling of materials in footwear and apparel;
- setting environmental objectives and targets to reduce environmental impacts and comply with legal requirements;
- monitoring and measuring progress in achieving the objectives of a circular economy;
- ensuring employees' environmental awareness and competence.

Participants

The training workshop will gather experienced RECP experts and representatives of footwear and apparel industry from Ukraine. It will be recorded and made available as a training video for wider audience upon completion of the course.

About EU4Environment

The “European Union for Environment” (**EU4Environment**) Action aims to help the six partner countries: Armenia, Azerbaijan, Belarus, Georgia, Republic of Moldova, Ukraine preserve their natural capital and increase people's environmental well-being, by supporting environment-related action, demonstrating and unlocking opportunities for greener growth, and setting mechanisms to better manage environmental risks and impacts.

The Action is funded by the European Union and implemented by five Partner organisations: OECD, UNECE, UN Environment, UNIDO and the World Bank based on a budget of some EUR 20 million. The Action implementation period is 2019-2022.

More information: <http://www.oecd.org/site/eu4environment/>

Agenda

| Time | Item |
|--------------------------|--|
| 24 September 2020 | |
| 14:00 | Welcome Introduction to software and rules, introduction of participants |
| 14:20 | Basics of recycling: European legal framework, initiatives, a strategic forecast, circular strategies on company level including design, material selection, waste separation, recycling opportunities |
| 15:10 | Exercise: Case study for waste mapping for footwear and apparel, characterisation of waste |
| 15:50 | Evaluation of the exercise |
| 16:00 | Break |
| 16:15 | Materials used in footwear, recycling options, feasibility |
| 17:00 | Exercise: Case study: Identification of recycling opportunities, problems, feasibility |
| 17:45 | Evaluation of the exercise, Questions and answers |
| 18:00 | End of day 1 |
| 25 September 2020 | |
| 10:00 | Welcome, repetition of day 1 |
| 10:10 | Materials used in textiles and garments, recycling options, feasibility |
| 10:45 | Exercise: Case study: Identification of recycling opportunities, problems, feasibility |
| 11:30 | Evaluation of the exercise, Questions and Answers |
| 11:45 | Break |
| 12:00 | The way forward: new materials, business models, cooperation |
| 12:20 | Case study: Strategies applied by renowned brands and their applicability |
| 13:00 | Evaluation of the exercise |
| 13:25 | Questions and answers, summary, further steps |