



Action funded by
the European Union

EU4Environment

Armenia, Azerbaijan, Belarus, Georgia, Republic of Moldova, Ukraine

Training Workshop “Recycling for Footwear and Apparel”

24 - 25 September 2020

AGENDA

Wednesday, 24 September 2020

Start: 13:00 CET

End: 17:00 CET

Thursday, 25 September 2020

Start: 9:00 CET

End: 13:00 CET

Format: web-based video conferencing (MS Teams)

Language: English

Action implemented by:



Background

A workshop on "Recycling in Footwear and Apparel" 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, 10% is lost during garment production (e.g. as offcuts), 2% is sent to landfill or incineration from garments. Only 13% of the total material input is in some way recycled after clothing use.

Most of this recycling consists of cascading into lower value applications such as insulation material, wiping cloths, and mattress stuffing. The garment and footwear industries need to move towards a circular economy model based on a better utilisation of raw materials and a more efficient and environmentally-friendly use, as well as waste recovery through its transformation into higher added value products.

To support this process in the EaP countries, this training workshop explores potentials for textile and footwear waste recycling and reuse into components or other consumer goods, as well as energy recovery from waste.

Training objectives, expected outputs and outcomes

Participant will learn:

- reviewing the company's waste;
- 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 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 (CET)	Item
24 September 2020	
13:00	Welcome Introduction to software and rules, introduction of participants
13:20	Basics of recycling: analysis of waste generation, separation, generic recycling opportunities
14:10	Exercise: Case study for waste mapping for footwear and apparel, characterisation of waste
14:50	Evaluation of the exercise
15:00	Break
15:15	Materials used in footwear, recycling options, feasibility
16:00	Exercise: Case study: Identification of recycling opportunities, problems, feasibility
16:45	Evaluation of the exercise, Questions and answers
17:00	End of day 1
25 September 2020	
09:00	Welcome, repetition of day 1
09:10	Materials used in textiles and garments, recycling options, feasibility
09:45	Exercise: Case study: Identification of recycling opportunities, problems, feasibility
10:30	Evaluation of the exercise, Questions and Answers
10:45	Break
11:00	The way forward: new materials, business models, cooperation
11:00	Case study: Strategies applied by renowned brands and their applicability
11:45	Evaluation of the exercise
12:25	Questions and answers, summary, further steps