



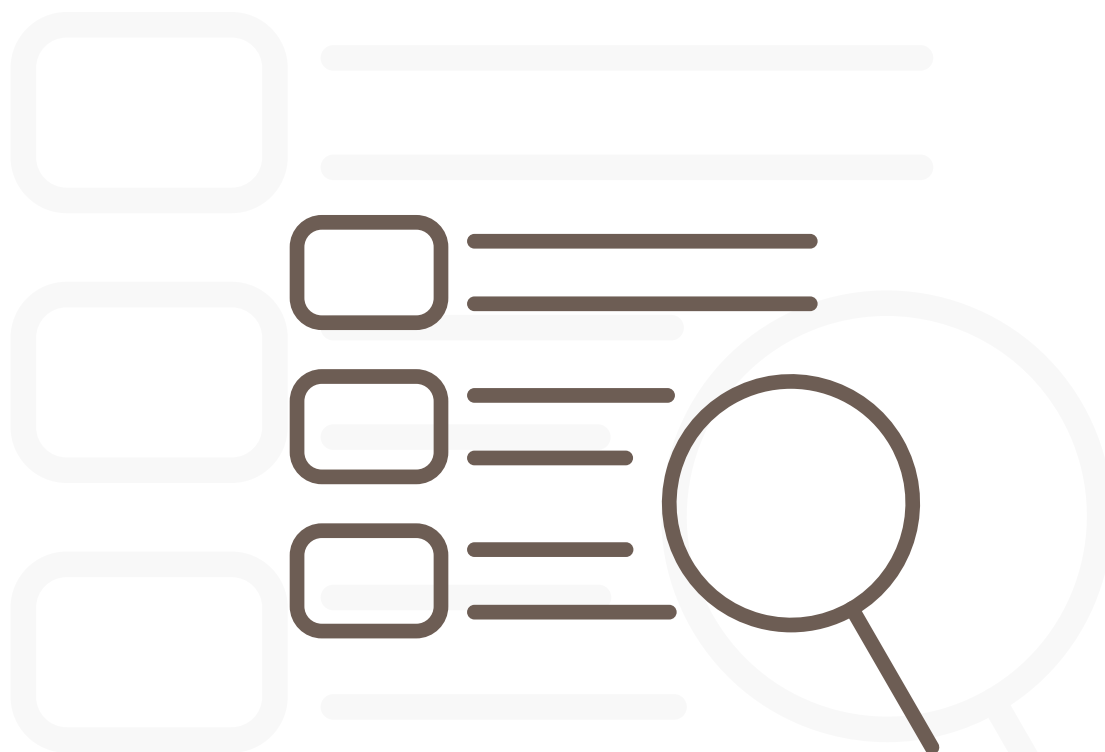
# **Youth Crafting the Waste Into Entrepreneurship For Green Europe**

2022-2-CZ01-KA210-YOU-000091283

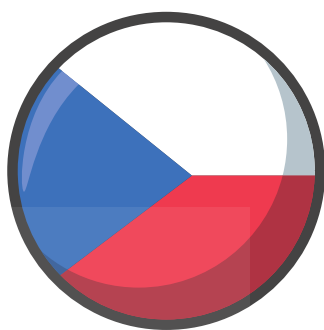


**Cofinanciado pela  
União Europeia**

Este projeto recebeu financiamento da União Europeia no âmbito do programa ERASMUS+. O suporte da Comissão Europeia para a produção deste documento não implica em endosso ao conteúdo, o qual reflete apenas as opiniões dos autores. A Comissão não pode ser responsabilizada por qualquer uso das informações nele contidas.



<b>THE CZECH REPUBLIC</b>	<b>1</b>
IDENTIFICATION OF GAPS & THE MAPPING OF THE NEEDS	2
GOOD PRACTICES ON NATIONAL AND INTERNATIONAL LEVEL	4
<b>TÜRKIYE</b>	<b>10</b>
IDENTIFICATION OF GAPS & THE MAPPING OF THE NEEDS	11
GOOD PRACTICES ON NATIONAL AND INTERNATIONAL LEVEL	13
<b>SPAIN</b>	<b>23</b>
IDENTIFICATION OF GAPS & THE MAPPING OF THE NEEDS	24
GOOD PRACTICES ON NATIONAL AND INTERNATIONAL LEVEL	27
<b>PORTUGAL</b>	<b>32</b>
IDENTIFICATION OF GAPS & THE MAPPING OF THE NEEDS	33
GOOD PRACTICES ON NATIONAL AND INTERNATIONAL LEVEL	36
<b>WORKSHOP PRACTICES OFFERED FOR YOUTH WORKERS</b>	<b>42</b>



## THE CZECH REPUBLIC

## **What are the current recycling rates in your local community, particularly among the target demographic of unemployed young people aged 18-30?**

According to data from 2023, 75% of the population in the Czech Republic regularly sorts waste, which is an increase of 2% compared to the previous year.

In the Vysočina region, each resident sorts out an average of 28.5 kg of paper, 21.3 kg of plastic, 16.3 kg of glass, 0.5 kg of beverage cartons, and 28.7 kg of metal. In the region of 692 municipalities, there are 7037 containers for paper, 9610 containers for plastic, 8230 containers for glass, 147 containers for beverage cartons, 1240 containers for metal. There are approximately 70 inhabitants per collection point.

The quantity in the Vysočina Region is above average (compared to the rest of the Czech Republic) in the collection of paper, beverage cartons and metal. The Vysočina region is on the top rate in collecting plastic and paper. The amount of paper, plastics, glass and beverage cartons is 66.6 kg/inhabitant. = 1st place in the order of regions. The average amount of paper, plastics, glass and beverage cartons in the Czech Republic is 56.5 kg/inhabitant.

The amount of paper, plastics, glass, beverage cartons and metals is 95.3 kg/inhabitant = 4th place in the order of regions. The average amount of paper, plastics, glass, beverage cartons and metals in the whole Czech Republic is 78 kg/inhabitant.

93% of people aged 18-30 sort waste and minimize its production. These young people also try not to waste food (92%), limit the consumption of plastic products and use their ecological alternatives (66%).

## **What are the primary challenges or obstacles faced by individuals or businesses in your community when it comes to reducing, reusing, or recycling materials?**

Among the obstacles and challenges that individuals and businesses face in the Czech Republic when reusing or recycling materials are: Lack of information and awareness about the possibilities of recycling and reusing materials. Furthermore, businesses are primarily faced with the financial burden of implementing recycling and sustainable measures.

This is accompanied by a lack of support for businesses that want to invest in sustainable practices. Obstacles also include an inappropriate legislative environment. Another challenge is the lack of options for recycling specific materials such as various metals, electronic equipment or hazardous chemicals. Some individuals and businesses have a low awareness of the benefits of recycling and the possibilities of using sustainable practices.

**What do you see as the key opportunities or gaps in our community for promoting creative recycling activities and fostering green entrepreneurship among young individuals?**

These opportunities include, for example, the establishment of innovative and creative spaces where young people can share ideas and collaborate on projects related to recycling and sustainability. There is also financial support and grants intended for young entrepreneurs who want to develop an environmentally friendly business. Furthermore, an opportunity to work with local schools and universities to promote sustainable practices and educate young people about the importance of recycling and the environment. The creation of mentoring programs where experienced entrepreneurs or experts can share their knowledge and experience with young people in the field of green business or the support of community initiatives and events focused on recycling and sustainability, which can motivate young people to actively participate, could be very effective.

Among the gaps, there is the lack of financial resources for young entrepreneurs who want to start an environmentally friendly business. Also, lack of availability of educational resources and information about recycling and sustainability business opportunities for young people. Individuals and businesses alike may struggle with limited access to the technical knowledge and skills needed to develop creative recycling projects. They may feel a lack of support from government and business organizations for young people trying to get into green business. Lack of awareness of the existence of options for recycling and sustainable business among young people and in their communities.

**GOOD PRACTICES ON  
NATIONAL AND INTERNATIONAL LEVEL**

<b>Title of the Good Practice:</b>	Reuse of food waste
<b>Country:</b>	The Czech Republic
<b>City/Region:</b>	Orikov-Sedlcany/Stredocesky Region
<b>Good Practice Level:</b>	Local/National
<b>Organization's Name &amp; Type:</b>	Biopekárna Zemanka (Organic Bakery Zemanka)
<b>Website:</b>	<a href="https://www.biopekarnazemanka.cz/cs/index">https://www.biopekarnazemanka.cz/cs/index</a>
<b>Description:</b>	<p>The family bakery business, a Czech manufacturer of homemade ORGANIC biscuits and crackers focuses on raw materials from bio-ecological farming. Now, the bakery has also focused its attention in a circular direction and found effective ways to reuse waste from other food industries - the biscuits and crackers, of which the main component is the residual raw material from other food production. However, the raw material, which normally has no further use, is still full of nutrients and vitamins. For example, the pulp left after juicing beets, carrots or apples. Coffee grounds or brewer's spent grains. All these raw materials would have to be disposed, however instead of that something new is being created. In cooperation with Pilsner Urquell (brewery), the company created a recipe for salty crackers from the remaining malt that it collects from the brewery. This year, it will also start cooperation with the UGO company, where it will use fruit pulp from its establishments in production, and also with the IKEA company, from which it will take coffee grounds for further use. The company also focuses on Green energy, Zero waste packaging, Sustainability strategy and ethics.</p>

**GOOD PRACTICES ON  
NATIONAL AND INTERNATIONAL LEVEL**

<b>Title of the Good Practice:</b>	Use of herbal dust
<b>Country:</b>	The Czech Republic
<b>City/Region:</b>	Orikov-Sedlcany/Stredocesky Region
<b>Good Practice Level:</b>	International
<b>Organization's Name &amp; Type:</b>	Sonnentor, Organic tea and spice
<b>Website:</b>	<a href="https://www.sonnentor.com/cs-cz">https://www.sonnentor.com/cs-cz</a>
<b>Description:</b>	<p>The Czech-Austrian company Sonnentor specializes in organic cultivation and production of teas and spices. In addition to growing herbs in organic quality in fair conditions for workers, it supports the revitalization of brownfields, ensures 100 percent compostability of packaging materials, uses energy from photovoltaic power plants, provides green roofs to develop bee colonies, sorts waste, composts and uses electric cars, the company uses dust waste from herbs. The ideal temperature, heating and cooling are a constant topic across all companies. The company also wanted to fill this topic with the idea of sustainability. That's why they heat the production hall with the residual heat from the machines, and they manage to heat the other hall with pellets made from herb dust. This is actually waste from production: they process around 300 tons of raw material annually, and vegetable dust makes up roughly 5% of this volume. Annually, they use more than 22 tons of pellets, which are close to brown coal in their calorific value. Pellet heating will cover more than half of their heating costs!</p>

**GOOD PRACTICES ON  
NATIONAL AND INTERNATIONAL LEVEL**

<b>Title of the Good Practice:</b>	Minimum Waste - Reusable capsules
<b>Country:</b>	The Czech Republic
<b>City/Region:</b>	Prague/Stredocesky Region
<b>Good Practice Level:</b>	International
<b>Organization's Name &amp; Type:</b>	MIWA Technologies, a.s.
<b>Website:</b>	<a href="https://www.miwa.eu/cs">https://www.miwa.eu/cs</a>
<b>Description:</b>	<p>MIWA means MInimum WAsTe. The company has created a circular system of reusable capsules, which, by using smart technology, are well adaptable for today's logistics and fit the logistic and hygienic standards of today's supermarket chains. A system that finally brings pure shopping without single-use packaging to your fingertips. Since 2014, MIWA has been developing smart solutions that help consumers, retailers and producers overcome barriers in pre-cycling methods adoption. "Our mission is to make waste-free shopping a new standard. Why? Because we believe that only a solution applicable to a wide range of retailers can make a true impact on the environment."</p>



**GOOD PRACTICES ON  
NATIONAL AND INTERNATIONAL LEVEL**

<b>Title of the Good Practice:</b>	Refining PET flakes
<b>Country:</b>	The Czech Republic
<b>City/Region:</b>	Rosice/South-Moravian Region
<b>Good Practice Level:</b>	Local/National
<b>Organization's Name &amp; Type:</b>	rPET Inwaste, s.r.o.
<b>Website:</b>	<a href="https://www.rpet-inwaste.com/en/#">https://www.rpet-inwaste.com/en/#</a>
<b>Description:</b>	<p>PET bottles are 100% recyclable and can be used repeatedly. Reprocessing of the material back into the same product is the basis of circular economics. The company rPET InWaste, s.r.o. owns a unique technological line for refining PET flakes coming from sorted PET beverage bottles. It is EFSA certified. It is the first company in Europe to use unique technology for the processing of PET flakes and the production of rPET regranulate in “bottle to bottle” quality.</p> <p>The procedure is following: The inlet material is sorted, washed and pre-dried (pet flakes are bought from verified suppliers), later the flakes are homogenized and heated. PET material is refined, crystallized, granulated and ready to me used.</p>

**GOOD PRACTICES ON  
NATIONAL AND INTERNATIONAL LEVEL**

<b>Title of the Good Practice:</b>	Recycled textile products
<b>Country:</b>	The Czech Republic
<b>City/Region:</b>	Moravský Krumlov/South-Moravian Region
<b>Good Practice Level:</b>	Local/National
<b>Organization's Name &amp; Type:</b>	Retex, a technology company
<b>Website:</b>	<a href="https://en.retex.cz/">https://en.retex.cz/</a>
<b>Description:</b>	<p>The mission of the company is to create sustainable and innovative recycled textile products to help save our planet. RETEX products are based on the principles of a green and waste-free economy. The vast majority of materials are made from recycled materials – giving waste another life. True sustainability and the circular economy that comes with it require both responsibility and a clear vision. In the eyes of RETEX, waste thus becomes a resource, and is not something to be quickly thrown away. They see the main task of the circular economy as being to inhibit or completely stop a system in which large amounts of waste are generated. Instead, waste should be returned to production. If the thinking of business decision-makers can be changed in this direction, then the goal of the circular economy – to sustain future generations using current resources – will also be fulfilled. Among others, the company offers a wide range of high-quality geotextiles made from textile waste. These are used, for example, in the reconstruction of roads and motorways, railway corridors, airports, tunnels, building foundations, and landfill restoration, as well as in industrial construction or the renovation and construction of family homes and apartment buildings.</p>

**GOOD PRACTICES ON  
NATIONAL AND INTERNATIONAL LEVEL**

<b>Title of the Good Practice:</b>	Recycled textile products
<b>Country:</b>	The Czech Republic
<b>City/Region:</b>	Moravský Krumlov/South-Moravian Region
<b>Good Practice Level:</b>	Local/National
<b>Organization's Name &amp; Type:</b>	Retex, a technology company
<b>Website:</b>	<a href="https://en.retex.cz/">https://en.retex.cz/</a>
<b>Description:</b>	<p>The mission of the company is to create sustainable and innovative recycled textile products to help save our planet. RETEX products are based on the principles of a green and waste-free economy. The vast majority of materials are made from recycled materials – giving waste another life. True sustainability and the circular economy that comes with it require both responsibility and a clear vision. In the eyes of RETEX, waste thus becomes a resource, and is not something to be quickly thrown away. They see the main task of the circular economy as being to inhibit or completely stop a system in which large amounts of waste are generated. Instead, waste should be returned to production. If the thinking of business decision-makers can be changed in this direction, then the goal of the circular economy – to sustain future generations using current resources – will also be fulfilled. Among others, the company offers a wide range of high-quality geotextiles made from textile waste. These are used, for example, in the reconstruction of roads and motorways, railway corridors, airports, tunnels, building foundations, and landfill restoration, as well as in industrial construction or the renovation and construction of family homes and apartment buildings.</p>



**TÜRKIYE**

## **1. What are the current recycling rates in your local community, particularly among the target demographic of unemployed young people aged 18-30?**

The amount of waste produced is increasing day by day due to reasons such as rapid economic growth and industrialization in Kocaeli, urbanization and population growth.

The difficulties experienced due to the increase in the amount of waste require a -waste management approach-. The majority of the waste in Kocaeli is recyclable.

Wastes that cause environmental problems and require financial resources to bring into the economy and are of great importance in production; Considering the advantages it will provide in areas such as providing employment, effective use of natural resources, economic benefit and environmental improvement, it can be seen that recycling has a great importance in increasing the welfare of the country.

Research in Kocaeli shows that unemployed young people between the ages of 18-30 are aware of recycling in certain areas, but they do not have recycling awareness in many areas and use recycling at a minimum level in practice.

## **2.-What are the primary challenges or obstacles faced by individuals or businesses in your community when it comes to reducing, reusing, or recycling materials?**

Research shows that although it is possible to develop knowledge and positive attitudes about recycling through campaigns aimed at raising awareness about the problem in our region, the potential of the campaigns to change behavior in favor of recycling is quite low. In order to create a behavioral change in favor of recycling in society, in addition to information efforts, there is a need to determine what the hindering factors are, to know the effects of the hindering factors on behavior and the nature of these effects.

Although there are findings from research that recycling at the individual or household level is affected by a certain number of factors, no consistent findings have been revealed regarding obstacles. In these studies, it is generally mentioned that recycling is perceived as difficult, time-consuming, requires effort, and the difficulty of taking waste to recycling points.

### **3. What do you see as the key opportunities or gaps in our community for promoting creative recycling activities and fostering green entrepreneurship among young individuals?**

Environmental issues are becoming more and more important issues. Because the environment is constantly damaged and economic activities are at the root of many environmental problems. Environmental degradation endangers the human future. One of the elements that will contribute to stopping environmental degradation is green entrepreneurship and recycling. Green entrepreneurship and recycling primarily require awareness of environmental problems, as well as technical, legal and market knowledge on environmental issues. Lack of awareness of the problems and lack of information are important barriers. At the same time, financial markets to provide resources for green jobs are not sufficiently developed.

<b>Title of the Good Practice:</b>	Sustainable Art House
<b>Country:</b>	Türkiye
<b>City/Region:</b>	Istanbul
<b>Good Practice Level:</b>	Local/National
<b>Organization's Name &amp; Type:</b>	The Sustainable Art House (Artistic Exhibition and Production Space)
<b>Website:</b>	<a href="#">Link</a>
<b>Description:</b>	<p>The Sustainable Art House, located in Istanbul, Türkiye, is an exemplary good practice that combines art with sustainability. The Sustainable Art House in Istanbul was established in 2016, and as of now, it has been in operation for seven years. This innovative initiative, established by Deniz Sağdıç, demonstrates a strong commitment to environmental responsibility and artistic creativity. The Sustainable Art House is a 450m<sup>2</sup> indoor and 300m<sup>2</sup> outdoor space dedicated to artistic production and exhibition. It serves as the personal workspace and exhibition area for Deniz Sağdıç, a versatile artist known for her focus on societal issues, particularly the place of women in society.</p> <p>This good practice excels at sustainability on multiple fronts:</p> <ul style="list-style-type: none"> <li>- Self-sufficiency: The art house generates its own electricity through the use of solar panels, reducing its reliance on conventional energy sources and minimizing its carbon footprint.</li> <li>- Water Management: Rainwater and household waste are effectively managed and repurposed for organic agriculture, promoting responsible water usage and sustainable food production.</li> <li>- Fully Insulated Building: The building is designed to be fully insulated, improving energy efficiency and reducing heating and cooling costs. The Sustainable Art House represents an essential step towards combining the worlds of art and sustainability. It not only serves as a prominent platform for artistic expression and creativity but also sets a significant example for other artistic spaces and organizations to follow.</li> </ul>

**GOOD PRACTICES ON  
NATIONAL AND INTERNATIONAL LEVEL**

<b>Title of the Good Practice:</b>	TOYI, An Innovative Approach from Waste to Art and Entrepreneurship in Social Entrepreneurship
<b>Country:</b>	Türkiye
<b>City/Region:</b>	
<b>Good Practice Level:</b>	International Level
<b>Organization's Name &amp; Type:</b>	TOYI Social Enterprise
<b>Website:</b>	<a href="https://toyi.io/en/whatistoyi/">https://toyi.io/en/whatistoyi/</a>
<b>Description:</b>	<p>TOYI, originating in Turkey and making a global impact, presents a groundbreaking model in social entrepreneurship by transforming waste into toy art. This initiative supports children's creativity through a range of features, including the use of recycled materials, education on advanced recycling through play, the production of washable toys, and the development of various skills.</p> <p><b>Use of Recycled Materials:</b> TOYI creates a sustainable cycle by using recycled plastic and paper in the production and packaging of toy sets, reducing waste and maintaining ecological balance.</p> <p><b>Education on Advanced Recycling through Play:</b> TOYI teaches children advanced recycling through play, encouraging their participation in the process of turning waste into art and fostering not only environmental awareness but also a sense of responsibility.</p> <p><b>Washable and Durable Toys:</b> TOYI's toys are durable, long-lasting, and washable. This feature ensures the transformation of discarded materials into toys while adhering to hygiene and safety standards, providing children with a healthy play experience.</p> <p><b>Cultivation of Green Skills:</b> TOYI's game narrative, based on advanced recycling, helps children acquire green skills, contributing to the development of environmentally conscious and sustainable individuals.</p>



**Description:**

Development of STEM Skills: Children playing with TOYİ develop science, technology, engineering, and mathematics (STEM) skills by solving design problems uniquely. This prepares them to be future STEM leaders.

Development of 21st Century Skills: TOYİ aims to develop 21st-century skills in children, including problem-solving, critical and innovative thinking, communication, adaptability, collaboration, and initiative.

TOYİ has received prestigious awards, including the Independent Toy Silver Award at the 2020 Parents: Choice Awards and the Play for Creators award. Additionally, it was honored with the iF DESIGN Award, highlighting its commitment to innovative and high-quality design.

With a presence in 16 countries, TOYİ is making a global impact by transforming children's play experiences. This international reach demonstrates the scalability and effectiveness of its circular design approach.

TOYİ, with its unique model of turning waste into art and entrepreneurship, aims to raise children not only as individuals interacting with toys but also as conscious individuals interacting with their environment, fostering sustainability and creativity. Starting in Turkey and expanding globally, TOYİ serves as a significant example of how an innovative idea can reach a broad audience in the realm of social entrepreneurship.

<b>Title of the Good Practice:</b>	Çöp(m)Adam / Trash(wo)man
<b>Country:</b>	Türkiye
<b>City/Region:</b>	
<b>Good Practice Level:</b>	National/Local
<b>Organization's Name &amp; Type:</b>	Community of Local Women in Ayvalik
<b>Website:</b>	<a href="https://www.facebook.com/people/%C3%87%C3%B6p-madam/100063504400795/">https://www.facebook.com/people/%C3%87%C3%B6p-madam/100063504400795/</a>
<b>Description:</b>	<p>çöp(m)adam started as an experimental project in Western Turkey addressing the issues of women's employment and the importance of recycling/re-using. It aims to utilize waste in a creative, aesthetic, and unique way. A group of Turkish women have created one-of a kind accessories using waste materials that puts glamour into recycled goods. "çöp" means "garbage" in Turkish; "madam", the same as the French word for "female". "çöp(m)adam"</p> <p>(Literally "garbage ladies") is symbolic of this meaning – taking garbage and turning it into something fashionable and fun.</p> <p>Çöp(m)Adam: is a remarkable social enterprise that empowers women who have never earned a salary by creating unique and functional items from discarded materials. This initiative stands out for its focus on crafting, creativity, entrepreneurship, and eco-friendly green objectives.</p> <p>Çöp(m)Adam" is a remarkable social enterprise that empowers women who have never earned a salary by creating unique and functional items from discarded materials. This initiative stands out for its focus on crafting, creativity, entrepreneurship, and eco-friendly green objectives.</p>

**Description:**

1. Women's Empowerment: One of the primary goals of Çöp(m)Adam is to empower women economically. The enterprise provides women with an opportunity to earn a livelihood by engaging in crafting activities using discarded materials. This not only contributes to their financial independence but also enhances their self-esteem and skill set.

2. Crafting and Creativity: The heart of Çöp(m)Adam lies in crafting and unleashing creativity. Women involved in this social enterprise transform waste materials into aesthetically pleasing and functional products through various crafting techniques. This emphasis on creativity serves as a powerful means of self-expression and skill development.

3. Entrepreneurship: Çöp(m)Adam operates on the principles of social entrepreneurship. By providing a platform for women to showcase their crafting skills and turn waste into valuable products, the initiative fosters an entrepreneurial spirit within the community. It encourages participants to explore business opportunities and develop their own enterprises.

4. Eco-Friendly Green Aims: The enterprise places a strong emphasis on environmental sustainability. By repurposing and upcycling materials that would otherwise end up in landfills, Çöp(m)Adam contributes to waste reduction and promotes a more sustainable approach to consumption. The initiative aligns with green aims by advocating for eco-friendly practices.

**Description:**

5. Community Engagement: Çöp(m)Adam actively engages with the community through workshops, training sessions, and events. These initiatives not only educate individuals about the importance of recycling and upcycling but also foster a sense of community and collaboration. By involving the community in the creative process, the enterprise builds a network of environmentally conscious individuals.

6. Social Impact: Beyond the economic and environmental aspects, Çöp(m)Adam creates a significant social impact. It addresses issues of gender equality by providing women with an avenue for economic participation.

Additionally, it promotes a shift in mindset towards waste and consumption, encouraging a more conscious and responsible approach. In summary, Çöp(m)Adam is a social enterprise that beautifully intertwines crafting, creativity, and entrepreneurship with a commitment to

eco-friendly green aims. By empowering women through crafting, fostering creativity, and promoting sustainable practices, this initiative serves as a shining example of how social entrepreneurship can drive positive change at the individual, community, and environmental levels.

<b>Title of the Good Practice:</b>	Hagelson Carpet Recycling and Crafting Program
<b>Country:</b>	Türkiye
<b>City/Region:</b>	Yalova
<b>Good Practice Level:</b>	International
<b>Organization's Name &amp; Type:</b>	Hagelson Plastic and Recycling Industry Ltd.,
<b>Website:</b>	<a href="https://www.hagelson.com/">https://www.hagelson.com/</a>
<b>Description:</b>	<p>Hagelson Plastic and Recycling Industry Ltd., established in March 2016 with the support of TÜBİTAK, is an R&amp;D company primarily focused on polymer materials and new recycling systems. Through its own developed projects and new technology, the company specializes in recycling waste and defective carpets to produce new plastic raw materials.</p> <p>This innovative approach eliminates the problem of disposing of carpets generated during production, including defective woven carpets, edge waste in carpet flooring, or old discarded carpets collected during project stages.</p> <p>Operating in a 400 m<sup>2</sup> closed area in Yalova Industrial Zone with a young and dynamic team of Polymer Engineers, Hagelson has set a fundamental mission:</p> <p>Mission: To effectively recycle approximately 240,000 tons of carpets and similar products consumed annually, positioning Turkey as the 3rd largest consumer globally. The aim is to contribute to the national economy through efficient and beneficial recycling methods. Vision: To develop new-generation technologies based on polymer science, creating added value and benefiting both suppliers and customers through a win-win principle.</p>

**Description:**

**CARPET RECYCLING PROGRAM:**

Don't let waste carpets burden you and the environment. As the program coordinator, Hagelson collects waste carpets with its own team and vehicle. This initiative relieves individuals and businesses from the fees associated with municipal waste disposal, such as transportation and handling.

- Contribution of a 500 m<sup>2</sup> Carpet Recycling to Nature: 29 cubic meters of water pollution is prevented. 2200 kg equivalent carbon dioxide emissions are avoided. Energy equivalent to what 7 households would consume in a month is reclaimed. Through the "Tık Halı Geri Dönüşüm" (Click Carpet Recycling) program, Hagelson aims to efficiently manage waste carpets in an environmentally and economically sustainable manner. This initiative not only reduces environmental impact but also creates economic value.

**GOOD PRACTICES ON  
NATIONAL AND INTERNATIONAL LEVEL**

<b>Title of the Good Practice:</b>	
<b>Country:</b>	Türkiye (Germany and Netherlands)
<b>City/Region:</b>	Ankara
<b>Good Practice Level:</b>	International
<b>Organization's Name &amp; Type:</b>	Startup (Umutcan Duman, CEO and Co-Founder)
<b>Website:</b>	<a href="https://evreka.co/">https://evreka.co/</a>
<b>Description:</b>	<p>Evreka stands as a commendable example of social creative entrepreneurship, originating from Turkey and positioning itself as a leading research and development company in the realm of smart cities.</p> <p>Specializing in recycling and waste management, Evreka collaborates with waste collection companies and municipalities, both within Turkey and globally, to enhance waste collection systems through the implementation of advanced technologies.</p> <p>At the heart of Evreka's innovative approach is its commitment to designing comprehensive and digitized waste management solutions. The company prioritizes operational excellence by integrating cutting-edge software and hardware innovations. Its collaboration with waste management firms, local authorities, and municipalities worldwide underscores its dedication to fostering a more sustainable and digitally-driven process management in the waste industry.</p> <p>A standout feature of Evreka's contribution is the All-In-One Evreka Platform, a superior waste management solution designed to digitize and streamline the entire waste management process.</p>

**Description:**

This platform, known for its scalability, full integrability, modernity, and modularity, empowers users to align their operations with circular economy principles, achieve sustainability goals, and optimize overall business processes. With a customer-centric approach, Evreka transparently addresses the needs of its users, demonstrating a commitment to environmental initiatives. The company's remarkable level of innovation not only delivers tangible business value but also drives advancements in sustainability. Evreka's impact extends to millions of people, providing smart solutions to waste companies, smart cities, and municipalities. Inspired by the best practices of leading waste management entities, Evreka exemplifies the potential of social creative entrepreneurship in driving positive change on a global scale.





**SPAIN**

**What are the current recycling rates in your community (Elche), especially among unemployed young people between 18 and 30 years old?**

In Elche, a campaign called "Recycles" has been implemented, which is a selective collection system for containers with a reward. This initiative has resulted in a 5% increase in packaging collection in 2022, reaching 2,600 tons of packaging. Furthermore, in the first two months of 2023 there has been an additional increase of 8% compared to the previous year. These data reflect a growing commitment to recycling among the citizens of Elche, including young people, although a detailed index by age is not specified. The "Recycles" campaign encourages all citizens to recycle plastic cans and bottles in exchange for rewards that they can donate to social and environmental projects.

On the other hand, the following initiatives have also been taken to promote recycling among young people and the general population:

- Establish local clean points: Elche City Council has installed nine local clean points that allow up to 14 different types of waste to be collected. These points are distributed throughout the municipality and districts, thus facilitating access to citizens for the recycling of various materials.
- The "Recycling Smash" campaign: More than 5,000 schoolchildren in Elche have learned how to recycle through this campaign promoted by the City Council and UTE Elche. The campaign includes recycling awareness workshops that take place in schools and seek to ensure knowledge among the little ones about the correct separation of waste.

## **What are the main challenges or obstacles that individuals or companies in your community face when reducing, reusing or recycling materials?**

In Elche there are a series of challenges or obstacles that both citizens and companies face when it comes to reducing, reusing or recycling materials. Some of the main ones are:

- Lack of awareness and education.
- Lack of recycling infrastructure (this may include a lack of accessible recycling bins or adequate recycling facilities).
- Lack of economic incentives (without economic incentives some companies may be reluctant to make additional investments in infrastructure or changes in production processes).
- Complexity in waste separation (confusion about what materials can be recycled and how to do it correctly can be a major obstacle).
- Lack of clear regulations and policies (government policies may not be strict or effective enough to promote sustainable practices).
- The culture of excessive consumption.

## **What do you think are the main opportunities or gaps in Elche to promote creative recycling activities and encourage green entrepreneurship among young people?**

Among the main opportunities we can find the following:

- Creative recycling workshops and courses: Inspired by projects such as Upcycling Flores (an entrepreneurial project from Elche for the production of sustainable textiles), workshops and courses can be organized that teach young people to redesign and create unique pieces from recycled materials .

- Local clean points: The installation of clean points facilitates waste collection and can be a starting point for recycling and environmental awareness projects. In Elche there is a program of mobile clean points, unlike traditional containers, the clean points are much larger facilities that allow you to manage any type of waste, from batteries and cooking oil, to furniture, appliances, lighting, printer toner and even technological garbage. But to a true and clear Elx.

- Awareness events: Organizing events that promote the recycling of plastic containers and bottles, such as those that have been carried out in La Glorieta, can increase participation and environmental awareness among young people.

-Art Schools and Creative Workshop: Places like RequeteARTE offer a space for young people to explore their creativity and learn new skills, including creative recycling. On the other hand, the main gaps would be the following:

- Lack of ecological business knowledge: Although there are efforts to promote entrepreneurial culture, there could be more programs that combine entrepreneurship with sustainability and recycling.

- Entrepreneurship challenges for young people: Events such as the Thinking Challenge can be more frequent and focus on sustainability challenges, encouraging young people to develop ecological business solutions.

- Continuous support for youth projects: Ensure continuous monitoring and support for youth recycling and ecological entrepreneurship projects, providing resources and mentoring.

**GOOD PRACTICES ON NATIONAL AND INTERNATIONAL LEVEL**

<b>Title of the Good Practice:</b>	Naturalicia
<b>Country:</b>	Spain
<b>City/Region:</b>	La Baia, Elche , Alicante
<b>Good Practice Level:</b>	National/Local
<b>Organization's Name &amp; Type:</b>	Naturalicia, Freelance
<b>Website:</b>	<a href="https://www.naturalicia.es/">https://www.naturalicia.es/</a>
<b>Description:</b>	<p>At Naturalicia they make handmade cosmetics, soaps, solid shampoo and all kinds of hygiene products that have evolved according to the demands of our customers. All of them are made with organic ingredients and with our differentiating asset, which is the essential oil, the basis of our project, as our flagship. The ecological world is necessary for the sustainability of our planet. Eliminating chemicals and going back to nature is fundamental to bring us closer to nature. In food, cosmetics and other products, many toxics are present. In the field of cosmetics, they are fighting for 'green' not to remain a passing fad, but to remain and become a driving force for change. It seems that the trend is going this way and at Naturalicia see their ourselves as part of the change we believe is necessary in our world and our society. They offer cosmetics that are "fresh, homemade, with totally natural ingredients, zero waste and sustainable packaging". Lotions, tonics and facial oils are some of their products that are handmade in the village of La Baia in Elche "in our Naturlab, surrounded by nature". They create these cosmetics in small batches so as not to store large quantities and to maintain the necessary nutrients in each one.</p>

<b>Title of the Good Practice:</b>	Plastic furniture
<b>Country:</b>	Spain
<b>City/Region:</b>	Elche, Alicante
<b>Good Practice Level:</b>	National/Local
<b>Organization's Name &amp; Type:</b>	RedEco - Grouping of companies
<b>Website:</b>	<a href="https://www.redecoec.com/">https://www.redecoec.com/</a>
<b>Description:</b>	<p>The project they worked on together with the UMH and the Vice-rectorate for Inclusion, Sustainability and Sports through the Environmental and Sustainable Development Area was called Reto Taponés, and took place until 17 December 2021 on the four campuses of the UMH, after they started collecting material in September. This collaborative project involved the entire university community through a campaign of selective collection of plastic waste to subsequently undergo a process of recycling and transformation into specific furniture.</p> <p>There were ten collection containers at various points. Thus, once the raw material had been collected, RedEco took it to CM Plastik for subsequent treatment and conversion into furniture: twelve benches and eight outdoor litter bins that were placed on the four campuses in the second term. According to the project, each of the benches required between 20 and 25 kilograms of plastic waste, which translates into around 8,000 caps per bench</p>

**GOOD PRACTICES ON  
NATIONAL AND INTERNATIONAL LEVEL**

<b>Title of the Good Practice:</b>	Neus Flores Lab
<b>Country:</b>	Spain
<b>City/Region:</b>	La Baia, Elche, Alicante
<b>Good Practice Level:</b>	National/Local
<b>Organization's Name &amp; Type:</b>	NeusFloresLab
<b>Website:</b>	<a href="https://www.instagram.com/neusfloreslab/">https://www.instagram.com/neusfloreslab/</a> <a href="https://www.linkedin.com/in/neus-flores">https://www.linkedin.com/in/neus-flores</a>
<b>Description:</b>	<p>Neus Flores is a young designer and environmental activist from Elche who recently gave a Sustainable Fashion Workshop at IES Sixto Marco for students of Pattern Making and Fashion. After presenting her latest collection "Círculo", Flores led the process of designing and manufacturing denim fashion accessories using recycled materials. The fashion industry is currently the second most polluting industry in the world, and aspects such as sustainability and waste management derived from the textile industry have been two of the most relevant aspects that the sustainable fashion designer and teacher in upcycling courses and workshops wanted to highlight. Her craft workshop has managed to bring us closer to the need to face the impact on the environment that fast fashion (the constant supply of new styles at very low prices) has caused in recent decades and to understand that there are creative and original solutions to respond to this problem, Upcycling.</p>

**GOOD PRACTICES ON  
NATIONAL AND INTERNATIONAL LEVEL**

<b>Title of the Good Practice:</b>	Aobá Upcycling
<b>Country:</b>	Spain
<b>City/Region:</b>	Galicia
<b>Good Practice Level:</b>	International
<b>Organization's Name &amp; Type:</b>	Aobá Upcycling, recycled material for clothes
<b>Website:</b>	<a href="https://www.aobaupcycling.com/">https://www.aobaupcycling.com/</a>
<b>Description:</b>	<p>By choosing upcycling as a production model at AOBÁ, we are reducing the consumption of natural resources. By not using virgin fabrics, we produce truly sustainable and environmentally friendly fashion. We save water from the cultivation of natural fibres, avoid the use of pesticides and chemicals in the processing and dyeing of fabrics, and minimise the impact on the land. At AOBÁ we are sure that the future of fashion is circular and that upcycling fashion is the production model that comes closest to this. Our aim is to make fashion with the lowest possible environmental impact. At AOBÁ, we use post-consumer garments and unsold stock as our main raw material. Although it is sometimes necessary to incorporate a small amount of virgin raw material in our production, we strive to minimise its use. Our raw materials go through a rigorous sorting and washing process, ensuring the sanitation, quality and diversity of the fabrics in our garments and accessories.</p>



**GOOD PRACTICES ON NATIONAL AND INTERNATIONAL LEVEL**

<b>Title of the Good Practice:</b>	Los muebles de Susana
<b>Country:</b>	Spain
<b>City/Region:</b>	Elche, Comunidad Valenciana
<b>Good Practice Level:</b>	National
<b>Organization's Name &amp; Type:</b>	Los muebles de Susana
<b>Website:</b>	<a href="https://losmueblesdesusana.com/servicios/">https://losmueblesdesusana.com/servicios/</a>
<b>Description:</b>	<p>Susana, lover of decoration, design and what was done by hand, only had to get a pandemic to reinvent me and change my life. It all started in the living room of my house until the Moubles no longer fit and decided to create a tempting to transform and teach what I love: recycle, recover and reous furniture.</p> <p>There is no plan B for our planet, protecting us from its natural resources and soybean defending field that the circular economy is an important pillaro for it.</p> <p>I recover your furniture</p> <p>Before throwing it, I help you recover, repair and paint it we give it a new life and your pocket and the planet will thank you.</p> <p>I recover furniture and transform them into unique pieces that are for sale. These furniture comes from donations, second -hand stores, traces or inclusion of containers. Giving a second chance to furniture entails favoring the circular economy, being sustainable, fair prices and committing to the planet's resources.</p> <p>I teach workshops</p> <p>In my workshops you will learn techniques to transform pieces and decorative objects and interesting tips, but above all you will "disconnect" from day -to -day haste and "connect" with your creativity.</p>

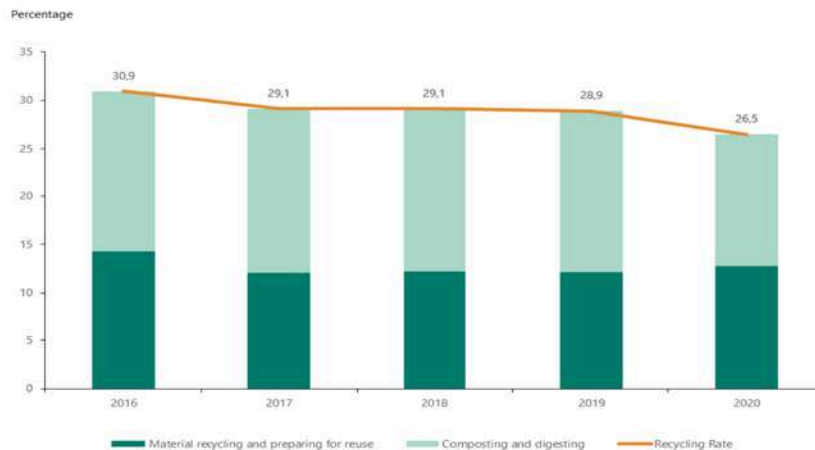


**PORTUGAL**

## 1. What are the current recycling rates in your local community, particularly among the target demographic of unemployed young people aged 18-30?

The amount of material recycling has barely changed in Portugal over the past five years. Portugal still has a relatively high level of landfilling, which has been stagnating at about 47 % for the past five years. The legal framework in Portugal governing waste management has been consolidated over the past decades including regulations for managing specific waste flows. National waste related legislation predominantly transposes the EU Directives. The producer responsibility principle is widely applied to achieve targets for prevention, separate collection, and recovery and recycling.

Recycling rate in Portugal between 2016 and 2020, in percentage



Based on the currently available data, Portugal's recycling rate was 23.5% in 2022. The percentage of municipal waste that is still landfilled is more than double of the EU average. Furthermore, the circular material use rate (proportion of material recycled and fed back into the economy) is one of the lowest in the EU and has not significantly increased since 2015. Significant improvements in waste management and the circular economy in Portugal are necessary.

Madeira island aims for 35% of urban waste recycling by 2030, for 2023 the indicated rate was 23%, a total of 130 thousand tons gathered a year, by the Secretary of Environment and Natural Resources. ([https://economy-finance.ec.europa.eu/system/files/2023-06/ip246\\_en.pdf](https://economy-finance.ec.europa.eu/system/files/2023-06/ip246_en.pdf))

There is not a specific data to analyze recycling rate in our community, Câmara de Lobos. Since we are working mostly with unemployed young people aged 18-30, we can assume that young generation is more motivated to recycle and promote waste management.

Since 2015 Teatro Metaphora has been working on this topic under the project GREEN STEPS, we have managed to raise awareness about upcycling and recycling practices and people's behaviors have positively change.

## **2. "What are the primary challenges or obstacles faced by individuals or businesses in your community when it comes to reducing, reusing, or recycling materials?"**

In Madeira Island, there are several challenges and obstacles to reducing, reusing, and recycling materials. Here are some of the primary challenges:

1. Insufficient recycling facilities, collection systems, and transportation networks.
2. Lack of awareness about the importance of recycling and the benefits of reducing and reusing materials, which lead to low participation rates. Lack of education campaigns to inform individuals and businesses about proper waste management practices.
3. Madeira Island's geographical location for the logistics of transportation of the waste is also an obstacle to efficient waste collection and recycling. Remote areas face additional difficulties in accessing recycling facilities.
4. Clear and enforceable regulations, along with supportive policies, are necessary for promoting recycling and waste reduction.

### **3. What do you see as the key opportunities or gaps in our community for promoting creative recycling activities and fostering green entrepreneurship among young individuals?**

To promote creative recycling activities and foster green entrepreneurship among young individuals, we need to educate them and raise awareness about these topics. We already do events, where we promote recycling and sustainable practices. We work with schools, universities, and other community organizations. Youth programs that engage young people are crucial to spread the environmental awareness. Another key opportunity is to invest in research and development of recycling technologies and sustainable materials, which can create useful space for young entrepreneurs to find innovative solutions for waste management. We also have good practices of creating a common space for collaboration and networking among young individuals interested in green entrepreneurship, facilitating knowledge sharing and idea exchange. It is very important to provide the activities like entrepreneurship study visits, green markets, community fairs, workshops, clean-up campaigns, eco-marathons, and other similar engaging events, focused on sustainability to help young entrepreneurs connect with other like-minded people, investors, and potential collaborators.

<b>Title of the Good Practice:</b>	GREEN STEPS
<b>Country:</b>	Portugal
<b>City/Region:</b>	Camara de Lobos, Madeira Island.
<b>Good Practice Level:</b>	National/ international level
<b>Organization's Name &amp; Type:</b>	Teatro Metaphora, non-profit youth association
<b>Website:</b>	<a href="https://teatrometaphora.org/recognition/">https://teatrometaphora.org/recognition/</a>
<b>Description:</b>	<p>GREEN STEPS is a long-term environmental artistic project in which the community, especially the youth, is activated towards environmental protection in an innovative and creative way by collecting urban waste and transforming them into massive street art installations. Under the GREEN STEPS a wide range of activities are organized, related to environmental sustainability, natural heritage, recycling, climate change, environmental best practices topics.</p> <p>GREEN STEPS strives to make people more responsible, wiser, and sustainable consumers as well as active citizens.</p> <p>Its goals are:</p> <ul style="list-style-type: none"> <li>- to increase the level of knowledge from the community about sustainable development from environmental, social, and economic approaches;</li> <li>- to mobilize people to work together, reinforcing values of friendship, cooperation, responsibility, and mutual respect;</li> <li>- to activate people in environmental protection actions and arouse curiosity in good ecological practices and behavior;</li> <li>- to raise awareness about a sustainable lifestyle;</li> <li>- to promote social inclusion, active participation and help people to improve their creative skills.</li> </ul>

**Description:**

The project addresses environmental issues in an innovative and creative way and connects the local and international community.

Since 2015, Under this project, organization has developed dozens of workshops about upcycling and reusing materials, empowering local and international volunteers to gain entrepreneur skills and promote responsible consumerism. After 8 years, GREEN STEPS became Teatro Metaphora´s main action, gaining recognitions and awards from International community.

**GOOD PRACTICES ON  
NATIONAL AND INTERNATIONAL LEVEL**

<b>Title of the Good Practice:</b>	Zouri
<b>Country:</b>	Portugal
<b>City/Region:</b>	Guimarães, Braga, northern region of Portugal
<b>Good Practice Level:</b>	National/ International
<b>Organization's Name &amp; Type:</b>	Zouri from the ocean
<b>Website:</b>	<a href="https://www.zouri-shoes.com/">https://www.zouri-shoes.com/</a>
<b>Description:</b>	<p>Zouri from the ocean is an eco-vegan footwear brand that uses plastic trash from the Portuguese coast together with ecologic and sustainable materials. The brand produces various vegan shoes for women, men and kids, each pair of sneakers reuses 6 bottles of plastic from the Ocean.</p> <p>They have strong collaboration with the community, because of this they manage to get a group of six hundred volunteers from local institutions, NGOs and schools to help with cleaning the coast every year, after collection of plastic they transfer it into shoes.</p> <p>Their production is a contribution for sustainable development and responsible consumerism. In 2023, they removed one ton of plastic from the Portuguse beaches. After collecting the plastic they produce the shoes, which is fair and ethical production, 100 % made in Portugal. The factory is located in Guimarães, officially established four years ago, but they becoming more popular the last two years. Over the last two years, Zouri worked and researched for the best eco-friendly and vegan materials. The plastic trash is being transformed into raw material, mixed with natural materials like: organic cotton, natural rubber and pineapple leaves fabric -pinatex. All raw materials are sustainable.</p>



**GOOD PRACTICES ON  
NATIONAL AND INTERNATIONAL LEVEL**

<b>Title of the Good Practice:</b>	Re.store
<b>Country:</b>	Portugal
<b>City/Region:</b>	Rendufe Amares, Braga, northern region of Portugal
<b>Good Practice Level:</b>	National/ International
<b>Organization's Name &amp; Type:</b>	Sustainable textile company
<b>Website:</b>	restore.com.pt
<b>Description:</b>	<p>Re.store is a Portuguese brand of textile accessories, which combines social innovation with environmental innovation, education and pedagogy actions to change current consumption habits. Re.store is new brand but in 2,5 years they have already managed to pay €52,372.65 to their social partners and upcycle 5.3 tons of fabric and textile accessories. The brand, with its action promotes social inclusion and community integration because all their products are made by unique people, who come from different social backgrounds. The brand collaborate with social institutions, refugees and association, and they are paid for their work. The brand contributes to the reduction of the the textile industry ecological footprint because all their products are made with textile waste, leftovers, samples and accessories which they upcycle. They are gaining more and more partners every year from different sectors and promoting social entrepreneurship. They reuse materials to create products such as shopping bags, beach bags, toiletry bags, facial cleaning discs, pillows, multi-use cases, among many others.</p>

**Description:**

The fabric of the products is reused from waste from the production processes of home textile companies, while the brand's label is made with recycled polyester threads, so they take textile waste and transform it into functional products. Sílvia Correia, founder of re.store, has more than two decades of experience in this field. Re.store even has a bag made with Colmol waste. The company's workers are cutting scraps and fabric waste from mattresses and then they are transformed into a beach bags. re.store's main goals is to promote sustainable reuse of materials and at the same time promote social inclusion, entrepreneurship and green thinking.

**GOOD PRACTICES ON NATIONAL AND INTERNATIONAL LEVEL**

<b>Title of the Good Practice:</b>	Green market
<b>Country:</b>	Portugal
<b>City/Region:</b>	Madeira Island
<b>Good Practice Level:</b>	National
<b>Organization's Name &amp; Type:</b>	Falésia Atelier, architecture studio dedicated to sustainable development
<b>Website:</b>	<a href="https://www.facebook.com/greenmarkett.madeira">https://www.facebook.com/greenmarkett.madeira</a>
<b>Description:</b>	<p>Falésia Atelier was founded in 2021 and since beginning promotes sustainable development and has eco friendly approach. In 2023 the company developed the project Green Market, with the aim of raising awareness of more conscious and ecological consumption, with different brands and micro companies, which together share the most varied sustainable practices in their daily lives. The first edition of the Green Market took place in Madeira and gathered different eco organisations to promote their sustainable productions. Green market is an eco- market that brings together a selection of regional and national brands with sustainable practices. With the partnership of Circula.com Green Market also promotes a space for Second Hand and reusing materials, aiming to contribute to Circular Economy and change of consumption habits. Green markets main objectives are following: promoting products or services that are environmentally friendly or have a positive impact on the planet; promoting incorporation of sustainability principles into various aspects of marketing, such as product design, packaging and messaging; support creating and popularisation of eco-friendly products, using eco-friendly product packaging made from recycled materials, reducing greenhouse gas emissions from production processes and adopting sustainable business practices. Falésia Atelier's Green Martket continues its mission and brings together different social entrepreneurs and sustaniable companies to have bigger positive impact on the society and our planet.</p>

**GOOD PRACTICES ON  
NATIONAL AND INTERNATIONAL LEVEL**

<b>Title of the Good Practice:</b>	Ritual Verde
<b>Country:</b>	Portugal
<b>City/Region:</b>	Funchal, Madeira island
<b>Good Practice Level:</b>	National
<b>Organization's Name &amp; Type:</b>	Eco-store
<b>Website:</b>	ritualverde.pt
<b>Description:</b>	<p>Ritual verde is originated from an 'African' project called 'A casa do soap', this was the project, which fostered the interest in making a difference and the desire to produce cosmetics that were not full of chemicals and covered in plastic. After two years, Ritual verde´s family accepted a new challenge, decided to change continents and the opportunity arose to replicate the small business, they had in Maputo (capital of Mozambique), but this time in a more serious and professional way in Funchal. The eco store is represented with the artisanal cosmetics business and other products that allows the customers to make more sustainable choices. They sell products with reused and Plastic-Free Packaging, the cosmetics are vegan, organic and chemical free. The eco store main goals are following: to take it consideratoin the environmental issues, while producing ecofriendly products, to change consumption behaviors and produce environmentally responsible production. The shop´s path is undoubtedly green and they believe that they can increasingly implement responsible and sustainable practices.</p>

**WORKSHOP  
PRACTICES  
OFFERED  
FOR  
YOUTH  
WORKERS**



**WORKSHOP PRACTICES OFFERED FOR  
YOUTH WORKERS**

<b>Title of the workshop offer:</b>	Repurposing a T-shirt in a hand bag
<b>Oganization/Country:</b>	Usit/Spain
<b>Materials Required for Workshops:</b>	-Fabric scissors -Old T-shirt
<b>Description:</b>	<p>1- Each participant (max 15) has to bring an old T-shirt or one that they don't want anymore. The organization will bring a scissor for each participant.</p> <p>2- The first step will be cutting the sleeves of the T-shirt creating a sleeveless shirt and also cutting a bit the neck in order to make it bigger.</p> <p>3- The next step will be to cut the low part of the shirt in vertical lines in the length and the width that the participant prefers creating fringes.</p> <p>4- Now they will need to knot the fringes using one from the front and another from the back closing the bottom.</p> <p>5- To finish, if the participant wants to personalize it they can continue knotting the fabric to create different styles.</p>
<b>Safety Precautions:</b>	Being careful with scissors.
<b>Time Needed:</b>	Between 1 and 2 hours.
<b>Skills Gained:</b>	<ul style="list-style-type: none"> <li>-Make profit of old clothes.</li> <li>-How to give a second chance to old clothes.</li> <li>-Different ways to save money and being creative.</li> <li>-Upcycling clothes in a simple way.</li> </ul>

<p><b>Title of the workshop offer:</b></p>	<p>Waste paper based ceramics</p>
<p><b>Oganization/Country:</b></p>	<p>Avrasya/Türkiye</p>
<p><b>Materials Required for Workshops:</b></p>	<p>Newspaper or paper strips or any kind of paper wastes          -Flour Water Balloon          -Cardboard or any mold (depending on the desired shape)          -Paints and brushes (for decoration)          -Bowl Mixing spoon          - Optional: PVA glue for extra strength</p>
<p><b>Description:</b></p>	<p>-1st session (2 hours) Prepare your workspace: Cover your work area with old newspapers or a plastic tablecloth to protect it from glue and mess.          -Prepare your glue mixture: In a mixing bowl, combine flour with water to create a paste. The consistency should be similar to pancake batter. Alternatively, you can use liquid starch instead of flour and water.          -Prepare your base: Decide what shape you want your paper mache project to be. You can use balloons, cardboard, wire frames, or any other lightweight material as the base. Inflate the balloon to the desired size if you're using one.</p>

### Description:

-Tear the paper: Tear or cut your newspaper or other paper into strips or small pieces. Strips are easier to work with for larger projects, while smaller pieces are better for intricate details.

-Apply the first layer: Dip the paper strips or pieces into the glue mixture, making sure they are fully saturated but not dripping. Apply them to the base, smoothing out any wrinkles or bubbles as you go. Cover the entire surface with a single layer of paper mache.

-Let it dry: Allow the first layer to dry completely. Depending on the thickness of the paper and the humidity in your area, this may take several hours or overnight.

-Add more layers: Once the first layer is dry, apply additional layers of paper mache until you reach the desired thickness and strength. You'll typically want at least 3-4 layers for durability.

-Shape and sculpt: As you add layers, you can shape and sculpt the paper mache to create the desired form. Use your hands or tools to smooth out any rough edges or add details.

### Safety Precautions:

Use non-toxic materials: Ensure that the air-dry clay, paints, varnish, and any other materials used in the workshop are non-toxic and safe for handling. Work in a well-ventilated area: Make sure the workshop space is well-ventilated to prevent exposure to fumes from paints, varnish, and other chemicals. Handle sharp tools with care: Remind participants to handle sculpting tools, such as palette knives or toothpicks, with caution to avoid accidental cuts or injuries. Wash hands after handling materials: Encourage participants to wash their hands thoroughly after handling clay, paints, or other materials to prevent ingestion or skin irritation.



**WORKSHOP PRACTICES OFFERED FOR  
YOUTH WORKERS**

<p><b>Safety Precautions:</b></p>	<p>Supervise your group: ensure they are supervised at all times to prevent accidents and ensure they follow safety guidelines. Provide protective gear: Depending on the materials used, consider providing disposable gloves, aprons, or goggles to protect participants from any potential mess or splashes. Clean up spills promptly: Instruct participants to clean up any spills or messes promptly to prevent slips and falls. Keep emergency contact information handy: Have emergency contact information readily available in case of accidents or injuries.</p>
<p><b>Time Needed:</b></p>	<p>Between 1 and 2 hours.</p>
<p><b>Skills Gained:</b></p>	<p>-Paper Mache Crafting Skills: Participants will learn how to prepare a paper mache mixture using readily available materials like flour, water, and newspaper. They will understand the process of layering paper strips or pieces onto a base to create a sturdy structure for their clay portrait. Sculpting Techniques: Through demonstrations and hands-on activities, participants will acquire basic sculpting techniques using air-dry clay. They will learn how to roll out clay evenly, shape it into basic forms for facial features like eyes, nose, eyebrows, and mouth, and add details and textures to make the features look realistic.</p>

**Skills Gained:**

-Creative Expression: Participants will have the opportunity to express their creativity and artistic vision through the creation of paper-based clay portraits. They will learn how to interpret reference images and translate them into three-dimensional clay sculptures, exploring their own unique style and interpretation.

-Problem Solving and Adaptation: Throughout the workshop, participants may encounter challenges or difficulties in working with the materials or shaping the clay. They will develop problem solving skills as they experiment with different techniques and adapt their approach to overcome obstacles and achieve their desired results. -

-Critical Observation and Feedback: During the discussion and feedback session, participants will have the opportunity to critically observe their own work and that of their peers. They will learn how to provide constructive feedback and receive feedback from others, helping them to improve their sculpting skills and artistic abilities.

-Painting and Finishing Techniques (Optional): If time allows, participants will also gain knowledge of painting and finishing techniques for clay portraits using acrylic paints and varnish. They will learn how to add color, shading, and highlights to their sculptures, as well as how to protect and preserve their finished pieces.

<p><b>Title of the workshop offer:</b></p>	<p>Paper waste into the handmade paper</p>
<p><b>Oganization/Country:</b></p>	<p>Educator spolek/Çekya</p>
<p><b>Materials Required for Workshops:</b></p>	<ul style="list-style-type: none"> <li>-Paper left overs</li> <li>-Newspapers</li> <li>-Eggs paper boxes (no smooth papers)</li> <li>-Mixer</li> <li>-ScizzorS</li> <li>-Shredding machine</li> <li>-Water</li> <li>-Bowls</li> <li>-Big plastic box</li> <li>-Sponge</li> <li>-Felt rags</li> <li>-Frame with the sieve</li> </ul>
<p><b>Description:</b></p>	<p>DAY 11. make the paper left overs and all material into the smallest pieces possible 2. put the paper pieces in the water, leave around min 15 min in the water 3. mix step by step the small amount in the bowl 4. put the mixed mass in another bowl 5. prepare the big plastic box with water (more than half with the water) 6. place the mass in the water in the big plastic box - depends on the thickness of thickness of the final paper, mix and spread the mass in the water, possibility to add the herbs, seeds 7. take the frame, place into the box and let the material to be placed down on the sieve, wait the water drop out 8. put the frame on the felt rag, suck the rest of the water from the material with the big sponge, turn over the frame on the dry felt rag and leave it to dry TILL NEXT DAY Let it dry</p>

<p><b>Description:</b></p>	<p>DAY 21. Peel off carefully the paper leaves from the rag 2. brainstorm the ideas for handmade paper product - e.g. wish cards, bookmarks, notebook, frame, etc. There are many variations - decorate the handmade papers and get creative! There is an alternative from DAY 1 - step 4 - use the shape form to create the shapes and let it dry in the same process and later paint it (e.g. Christmas tree decorations, decorations for any stuff or handmade papers)</p>
<p><b>Safety Precautions:</b></p>	<p>Work with mixer - safety for fingers, eyes</p>
<p><b>Time Needed:</b></p>	<p>2 hours + drying time the best till next day + 2 hours (creation from the handmade paper)</p>
<p><b>Skills Gained:</b></p>	<p>Creativity -Recycling -Re-use -Structured process -Operation with the machines and equipment.</p>

<p><b>Title of the workshop offer:</b></p>	<p>Plastic bags becoming Coasters</p>
<p><b>Oganization/Country:</b></p>	<p>Usit/Spain</p>
<p><b>Materials Required for Workshops:</b></p>	<p>Plastic bags          -Iron and iron table          -Markers          -Scissors          -Baking paper          -Cardoard templates</p>
<p><b>Description:</b></p>	<p>1 - cut the bottom and the side of the plastic bags to open them and get the lyers 2 - put around 5 or 6 layers of plastic bag together 3 - iron them carefully with the baker paper on top in order to protect the iron from the plastic 4- iron it trying to work in all the area in the iron table moving contantly the iron (not staying in the same place too much time) , do it in both sides until the plastic is fixed all together getting an unique piece. 5 - create a cardboard templates wanted so then the coasters can be the same size all. 6 - use the templates to mark on the plastic and cut them.</p>

<b>Safety Precautions:</b>	The iron burns a lot so be careful, and the heated plastic can also burn if we don't wait a bit after ironing. It is better to put Iron between low and medium heat, try first in a corner to know the Best temperature for it.
<b>Time Needed:</b>	2 hours more or less
<b>Skills Gained:</b>	<ul style="list-style-type: none"><li>-Repurposing plastic bags</li><li>-Using iron in a secure way<ul style="list-style-type: none"><li>-Art and crafts skills</li><li>-Creative development</li></ul></li></ul>

**WORKSHOP PRACTICES OFFERED FOR  
YOUTH WORKERS**

<b>Title of the workshop offer:</b>	From beach waste to art
<b>Organization/Country:</b>	Teatro Metaphora/Portekiz
<b>Materials Required for Workshops:</b>	-All waste material found on the beach
<b>Description:</b>	<p>1st step - Agree in which beach to go, time and day.</p> <p>2nd step - Meet on the beach previous agreed .</p> <p>3rd step - Start collecting the beach waste into the bags .</p> <p>4th step - After that bring it to the organization.</p> <p>5th step - Start cleaning and separating by colours.</p> <p>6th step - Prepare the mural (3m×3m) and draw the picture ( it can be anything under the tematic of enviroment), write what colour goes where.</p> <p>7th step - Start grabing the materials and follow the colours guide written on the wall.</p> <p>8th step - With appropriate glue, start putting the material on the right colour spot.</p> <p>9th step - Continue until all is filled. 10th step - Great work, you all did it! Congrats!</p>
<b>Safety Precautions:</b>	Use gloves to colect the beach waste.
<b>Time Needed:</b>	70 hours
<b>Skills Gained:</b>	<p>-They adquire the enviromental conscuous, creative, group and collaboration skills.</p> <p>-Upcycling</p>

<b>Title of the workshop offer:</b>	Plastic for Plastic
<b>Oganization/Country:</b>	Educator spolek, Çekya
<b>Materials Required for Workshops:</b>	<p>Plastic bottles (suggested 0,5 l size same type -Cleaned and dried without label and with the cap) -Acrylic spay and paints -Brushes -Construction silicon adhesive or liquid nails -Plastic bag</p>
<b>Description:</b>	<p>DAY 1 -1. plan the shape and size of the bin for plastic - suggested to measure according to used plastic bags, measure it, create the design -2. spray and paint the bottles according to the planned design (spray and later paint or washout with the paint inside of the bottle to have it coloured), let dry</p> <p>DAY 2 -1. set up the base of bin and start to stick the bottles together (the base can be done form the strong cardboard or piece of wood - 2. build the walls of the bin and stick one by one together - 3. hang inside the plastic bag while holding on the caps of the bottles -4. start to use the new plastic bottles bin for plastic</p>



<b>Safety Precautions:</b>	Careful operation with the adhesive
<b>Time Needed:</b>	2 hours, 2 days - each day 2 hours
<b>Skills Gained:</b>	<p>Creativity</p> <ul style="list-style-type: none"><li>-Imagination</li><li>-Design</li><li>-Construction skills</li><li>-Work with materials</li><li>-Mathematical and logical competence</li><li>-Recycling</li></ul>

<b>Title of the workshop offer:</b>	DIY Pencil Box Making from Plastic Bottle
<b>Oganization/Country:</b>	Avrasya/Türkiye
<b>Name of the Contributors:</b>	Meriç Tahan, Şinasi Yelkenci, İlayda Zorba, Ece Damla Oğuz
<b>Materials Required for Workshops:</b>	<p>Clean, empty plastic bottles (each participant will be asked to keep a waste bottle before they joining)</p> <ul style="list-style-type: none"> <li>-Scissors or utility knife Ruler Markers</li> <li>-Stickers, or other decorative materials</li> <li>-Hot glue gun and glue sticks</li> <li>- Optional: Paints and paintbrushes</li> </ul>
<b>Description:</b>	<p>Welcome participants and introduce the workshop objective: to repurpose plastic bottles into useful pencil boxes. Briefly discuss the importance of recycling and upcycling materials to reduce waste. Set up workstations with scissors, rulers, markers, stickers, and other decorative materials.</p> <p>Cutting the Bottle (15 minutes): Demonstrate how to cut the plastic bottle to create the pencil box shape. Using scissors or a utility knife, instruct participants to carefully cut off the top portion of the bottle (around 1/3 of the way down from the top). Assist participants as needed to ensure safe and precise cutting.</p> <p>Decorating (20 mins) Encourage participants to unleash their creativity and decorate their pencil boxes using markers, stickers, paints, or any other decorative materials they prefer. Provide examples and inspiration for decorating ideas, such as geometric patterns, nature themes, or personal designs.</p>

### Description:

Assembly (10 minutes): Once the decorations are complete and dry (if using paint), demonstrate how to assemble the pencil box. Use a hot glue gun to secure any loose edges and reinforce the seams of the plastic bottle. Emphasize the importance of letting the glue dry completely before using the pencil box. Allow participants to add any final touches or embellishments to their pencil boxes. Encourage them to personalize their creations and make them uniquely their own.

Show and Tell (5 minutes): Invite participants to share their finished pencil boxes with the group. Provide an opportunity for participants to discuss their designs, inspiration, and any challenges they encountered during the process.

Wrap-up (5 minutes): Thank participants for their creativity and participation in the workshop. Remind them of the importance of reducing, reusing, and recycling materials in their daily lives. Encourage them to continue exploring DIY projects and upcycling ideas at home.

### Safety Precautions:

**Sharp Objects:** Caution participants to handle scissors or utility knives with care while cutting the plastic bottles to avoid cuts or injuries. Supervision may be necessary, especially if children are participating.

**Hot Glue Gun:** Advise participants to be cautious when using hot glue guns to assemble their pencil boxes. Remind them that the glue can cause burns if it comes into contact with skin. Providing adult supervision and protective gloves can help prevent accidents.

**Ventilation:** If participants are using paints or adhesives with strong fumes, ensure that the workshop space is well-ventilated to prevent inhalation of harmful vapors. Opening windows or using fans can help improve air circulation.

**Allergies:** Be mindful of participants with allergies to certain materials, such as adhesives or paints.

### Safety Precautions:

Provide alternative materials or allow participants to bring their own if necessary. Cleanliness: Encourage participants to keep their work areas clean and tidy to prevent accidents and spills. Remind them to clean up any messes promptly, especially if using paints or adhesives. Supervision: Provide adequate supervision, especially if children are participating in the workshop. Supervisors should be trained to respond to emergencies and ensure that safety guidelines are followed at all times. Proper Disposal: Instruct participants on the proper disposal of any leftover materials, such as plastic scraps or paint containers. Emphasize the importance of recycling and responsible waste management.

### Skills Gained:

Participants in this workshop will gain a variety of skills and knowledge, including: 1. **Creativity:** They will learn to think creatively by repurposing a common household item, the plastic bottle, into a useful and personalized pencil box. Through decorating and customizing their pencil boxes, participants will exercise their creativity and express their individuality. 2. **Resourcefulness:** By learning how to transform a plastic bottle into a functional object, participants will develop resourcefulness and an understanding of the importance of upcycling and reducing waste. They will gain insight into how everyday items can be repurposed and given new life instead of being discarded. 3. **Fine Motor Skills:** Cutting the plastic bottles, decorating them with markers, stickers, or paints, and assembling the pencil boxes will require participants to use their fine motor skills.

## WORKSHOP PRACTICES OFFERED FOR YOUTH WORKERS

### Skills Gained:

These activities help improve hand-eye coordination, dexterity, and precision. 4. **Problem-Solving:** Throughout the workshop, participants may encounter challenges or obstacles, such as cutting the plastic bottles evenly or securing decorations with hot glue. By solving these problems and finding creative solutions, they will enhance their problem-solving skills and confidence in their abilities. 5. **Environmental Awareness:** The workshop promotes environmental awareness by encouraging participants to repurpose plastic bottles instead of throwing them away. Participants will gain knowledge about the importance of recycling, upcycling, and reducing single-use plastics to protect the environment. 6. **Personalization:** Decorating and customizing their pencil boxes allow participants to express their personalities, preferences, and artistic styles. They will learn how to make design choices and create a finished product that reflects their individual tastes and interests. 7. **Social Interaction:** Participating in group activities, sharing ideas, and showcasing their finished pencil boxes during the "Show and Tell" segment foster social interaction and collaboration among participants. They have the opportunity to learn from each other, exchange feedback, and celebrate their achievements together. Overall, this workshop provides participants with a hands-on learning experience that combines practical skills, creative expression, and environmental consciousness. By the end of the workshop, participants will have gained valuable skills, knowledge, and a sense of accomplishment from creating their own personalized pencil boxes from plastic bottles.

### Time Needed:

2 hours

<b>Title of the workshop offer:</b>	AromART
<b>Oganization/Country:</b>	Teatro Metaphora/Portekiz
<b>Materials Required for Workshops:</b>	-Large detergent recipients
<b>Description:</b>	<p>1st step - School provides the soil and seeds and the youth brings from home an empty large detergent recipient</p> <p>2nd step - clean the package and cut the package and make holes underneath.</p> <p>3rd step - choose the patterns or draw what you want to do</p> <p>4th step - choose the colours and start painting the packages</p> <p>5th step - after the painting let it dry</p> <p>6th step -putting the soil distributed by each package</p> <p>7th step - planting the seeds in the soil</p> <p>8th step - watering the soil</p> <p>9th step</p> <p>- Congrats! You now have an aromatic art garden</p>
<b>Safety Precautions:</b>	Be aware not to cut yourself
<b>Time Needed:</b>	5 hours
<b>Skills Gained:</b>	<p>Group skills</p> <ul style="list-style-type: none"> <li>-Creativity</li> <li>-Enviromental awareness</li> <li>-Gardening</li> </ul>