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<b>Title of the practice</b>		<b>Conserve (ITALY)</b>
<b>Detailed description</b>		
<b>Short summary of the practice</b>	Recovering surplus or defective agricultural production, by transforming it into quality canned products or preserves, promoting the employment of disadvantaged individuals.	
<b>Detailed information on the practice</b>	<p>Conserve (meaning preserve) was established within the context of the @circularicity civic crowdfunding initiative and the support of many partners: Caritas Diocesana, Calafata farm, Rinascita cooperative, Slow Food Association, CIA- Confederazione degli Agricoltori (Farmers' Confederation) and Equinozio (a fair-trade association).</p> <p>The project is operated within the "Piana del Cibo" initiative, involving 5 Municipalities in the Province of Lucca, with a focus on the development of local food.</p> <p>Primary objective of Conserve: to create a food processing laboratory capable of actively responding to local food waste and making use of the produce from the Calafata and the Unitaria Cooperatives.</p> <p>Agricultural products that are not sent to the local markets are recovered and made use of. The products include legumes and legume soups, carrot puree, cardoon, chickpeas and onion soup. During the summer season, Conserve primarily processes tomato-based products and fruit compotes. Not only waste production is avoided; also, the customers' requests to have particular products from scratch such as jams or soups are addressed.</p> <p>There have been seasons when excessive maturation has generated a significant amount of waste, so that for example tomatoes were processed into juice. The initiative also helps to rediscover ancient traditional recipes based on fruits and vegetables.</p>	
<b>Resources needed</b>	<p>Equipment: laboratory machinery worth €100,000.</p> <p>Funding sources: civic crowdfunding and other contributions from local associations such as the Unitaria Social Cooperative (a HUB that includes 35 small producers), the Tuscany Region and Caritas.</p> <p>Location: the laboratory operates on the premises made available <i>free of charge</i> by the Rinascita Cooperative, partner of the project.</p>	



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	<p>Personnel: the cooperative pays 2 employees who look after the commercial and administrative activities (approximately €50,000). Two disadvantaged workers were hired, relying on the contribution of a Banking Foundation (€12,000). The work is seasonal – the busiest period extends from April to October.</p>
<b>Timescale (start/end date)</b>	2016 – ongoing
<b>Evidence of success (results achieved)</b>	<p>The laboratory has filled a gap in the transformation chain, creating an anti-waste service contributing to the preservation of local traditions.</p> <p>Results achieved:</p> <ul style="list-style-type: none"> <li>• No. of customers, between restaurateurs and shops: 8</li> <li>• No. of people who have come into contact with Conserve products, between markets and the Unitaria Cooperative: 800 to 1,000, but not all buy the products</li> <li>• Employment of 2/3 young, disadvantaged individuals</li> <li>• No. of products: 20 different types (seasonal).</li> </ul> <p>Conserve products, in addition to being superior in terms of quality compared to classic preserves, are higher priced; often, it is therefore necessary to tell the story of the product to promote the added value.</p>
<b>Challenges encountered</b>	<ul style="list-style-type: none"> <li>▪ Obtaining the economic and material resources necessary to get the project off the ground.</li> <li>▪ Challenges in ensuring competitive costs on the market.</li> <li>▪ Management of human relations.</li> </ul>
<b>Potential for learning or transfer</b>	<p>Conserve is a project that recovers production surpluses or overproduction, avoiding waste in the “fresh” sector (fruits, vegetables, legumes). The project works with local medium and small-size producers from the Capannori area, which may have an interest in transforming small quantities of products and which don’t have the possibility to access the large-scale distribution market. The excellence and high quality of the product is a success factor, although it can also be a barrier to popularity. A network of local partners is needed to help with the development of the project.</p> <p>At the social level, the project facilitates the reintegration of people into the production system.</p>
<b>Further information</b>	<p><a href="http://www.conservelucca.it">www.conservelucca.it</a></p> <p><a href="http://www.calafata.it/2018/10/21/la-rivoluzione-di-conserve/">http://www.calafata.it/2018/10/21/la-rivoluzione-di-conserve/</a></p>
<b>Keywords related to your practice</b>	<i>#reuse #preserves #communitycooperative #foodwaste</i>



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<b>Title of the practice</b>	<b>Daccapo (Nanina Cooperative) (ITALY)</b>
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<b>Detailed description</b>	
<b>Short summary of the practice</b>	Recovering materials destined for the landfill, to give them a new life, repairing them or creating new objects out of them.
<b>Detailed information on the practice</b>	<p>Daccapo was established in 2014 thanks to the collaboration between Caritas Diocesana, the Ascolta La Mia Voce Association and the companies that manage waste in the area, called Ascit and Sistema Ambiente.</p> <p>The goal of this project is to reduce the number of items and materials that end up in landfills, recovering them so they can be sold at a low price or donated to people in need.</p> <p>Daccapo obtains the materials through citizens' donations of objects that they no longer need or use, such as books, clothes, furniture, toys and household appliances. People can bring the materials they do not use directly to the Daccapo warehouse or request disassembly and collection at home, a service for which a small donation is required. The Daccapo warehouse is located next to the Sistema Ambiente ecological station, allowing Daccapo staff to deliver the materials not considered recoverable to the collection point for waste disposal.</p> <p>In 2018, the <i>Daccapo</i> project became part of the Nanina Social Cooperative, which includes other associations that work in the field of solidarity reuse: the <i>Pedala</i> bike workshop and the <i>Quindi</i> tailor shop, which favour the use of recycled materials.</p> <p>The Cooperative currently has 16 employees, almost all working part time, so that a larger number of individuals can be employed. It also counts on approximately 25 volunteers and on a variable number of trainees and individuals who carry out civil service activities.</p>
<b>Resources needed</b>	<p>The two infrastructures where the warehouse and the second-hand shop are located were given to Daccapo on free loan by Ascit and Sistema Ambiente, Capannori and Lucca's waste disposal companies.</p> <p>The initial investment amounted to approximately €15,000; additional investments have also been made over time. The activity of a group of volunteers was fundamental for getting the project off the ground.</p>
<b>Timescale (start/end date)</b>	2014 - ongoing



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<p><b>Evidence of success (results achieved)</b></p>	<p>Despite the interruption of all activities for more than four months during the initial Covid-19 lockdown, in 2020 Daccapo collected 28 tons of clothes and 35 tons of furniture. Only a small part of them were not recovered (5% of the collected furniture and 28% of the clothing).</p> <p>The remain was donated free of charge to people in need (22% of the clothing and 24% of the furniture) or upon payment of a small donation (16% of the clothing and 30% of the furniture). A large number of unquantified kitchenware and appliances were also collected. Despite the various months of closure, in 2020 Daccapo's revenue amounted to around €60,000.</p>
<p><b>Challenges encountered</b></p>	<p>The management of the human resources involved in the project – a mixture of employees, volunteers, trainees with very different backgrounds in terms of age, culture and knowledge- is very demanding.</p>
<p><b>Potential for learning or transfer</b></p>	<p>Daccapo represents a vital resource for the territory under various aspects: environmental, economic and social.</p> <p>Every year, the association prevents tons of materials from becoming waste to be disposed of in landfills or incinerators, concretely applying and implementing the principle of environmental sustainability.</p> <p>Daccapo provides an important service to citizens for finding and acquiring furniture, clothing and other essential items at low prices.</p> <p>Moreover, in collaboration with social services and local associations, Daccapo organises a free distribution service of various types of materials for people and families in need.</p> <p>Daccapo is therefore an important local service, capable of offering work to various people, including many who find themselves in disadvantaged conditions, as well as a community space where many regularly carry out volunteer work.</p>
<p><b>Further information</b></p>	<p><a href="http://www.daccaporiuso.it/">http://www.daccaporiuso.it/</a></p>
<p><b>Keywords related to your practice</b></p>	<p>#reuse #daccapo #secondhand</p>



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Region	Tuscany
City	Lucca



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<b>Title of the practice</b>	<b>Used books market (ITALY)</b>
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<b>Detailed description</b>	
<b>Short summary of the practice</b>	The school used books market is a reuse model which avoids the premature recycling of thousands of books, recognising their value.
<b>Detailed information on the practice</b>	<p>Established in 2008 thanks to the idea of a group of students and with the support of the Municipality of Capannori, which provided the space and a financial contribution to get the activity on its feet. The purpose of the market is to promote the right to study and to help reduce social gaps through the reuse of schoolbooks at the high school level.</p> <p>The circular model of the reuse of schoolbooks is based on the recognition of 50% of the value of the book used by those who decide to take it to the market, instead of throwing it away or recycling it.</p> <p>Interested individuals can purchase the book at the same price at which it was sold by the old owner. There are no transaction costs and the system works based on a sales account, therefore the seller of the book is paid only at the time of sale.</p> <p>Starting in July of each year, the schoolbooks can be dropped off to the market's staff. The market opens for sales in August and closes at the end of September. Unsold books can be collected by the owners, or donated to the market, which thus becomes the owner of the unsold books, trying again to sell them again the following year.</p> <p>The market is ran by a group of young individuals who have formed an association. They are all volunteers. The beneficiaries of the good practice promoted by the used book market are young students and their families, both those who sell the books for a small profit, and those who buy them, at 50% of the price compared to the new product.</p>
<b>Resources needed</b>	<p>Human resources: 3 at the desk, 2 in the warehouse.</p> <p>Equipment: 4 computers, ISBN code reader, server, management software, internet network, shelves.</p> <p>Adequate space for reception and storage of the books.</p> <p>Resources needed €13,000.00:</p>



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	<ul style="list-style-type: none"> <li>- €7,500 software</li> <li>- €2,000 hardware</li> <li>- €2,000 shelves</li> <li>- €1,500 furnishings</li> </ul>
<b>Timescale (start/end date)</b>	2008 - ongoing
<b>Evidence of success (results achieved)</b>	<p>The numbers of the used books market show the success:</p> <ul style="list-style-type: none"> <li>- 13 years of activity, starting in 2008, without interruptions</li> <li>- Association made up of 20 members and 40 volunteers</li> <li>- 2 market locations, in Capannori and Lucca</li> <li>- 8,000 books/year bought/sold</li> <li>- 10,000 registered users</li> <li>- €40,000 per year of transactions carried out</li> </ul>
<b>Challenges encountered</b>	<p>The association, consisting of members who are almost all under 30, has encountered the biggest challenges on the bureaucratic and administrative side (statutes, business registration, budget, taxation).</p>
<b>Potential for learning or transfer</b>	<p>The practice of selling used schoolbooks is interesting in all contexts, where the right to study meets the obstacle of buying books which for a family with one or more children may add up to a substantial cost (in Italy, the average cost for the purchase of books for high school is approximately €310 per child per year).</p> <p>The used books market operating in Capannori and Lucca is the owner of a software which the Association makes available for free to anyone who is interested in starting the collection and sale of used books.</p> <p>Moreover, the model of the used books market is also interesting and relevant for other product categories, as it recognises the value of a product, avoiding premature recycling or disposal in landfills.</p> <p>Through the sales account and the presence of individuals able to manage the transactions, a second life is guaranteed to products that still have a value in terms of use, facilitating the meeting between the current owner and the new potential user.</p>
<b>Further information</b>	<a href="http://www.mercatinolibri.org/">http://www.mercatinolibri.org/</a>



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<b>Keywords related to your practice</b>	#reuse #book #education #rights #accountsale
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<b>Region</b>	Tuscany
<b>City</b>	Capannori



<b>Title of the practice</b>	<b>Civic amenity sites transformed for the reuse of bulky waste (SPAIN)</b>
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<b>Detailed description</b>	
<b>Short summary of the practice</b>	With the objective of promoting circular economy, it has been attempted to look for a way of giving a new destiny to bulky waste, extending its life cycle. For that reason, it has been developed the preparation of two civic amenity sites in Cantabria for the reuse of these bulky wastes.
<b>Detailed information on the practice</b>	<p>The main objective was looking for a way of giving a new destiny to bulky waste, extending its life cycle and reducing the environmental and economic impact that the management of this type of waste implies.</p> <p>Taking advantage of the existing facilities of two civic amenity sites in Cueto (City of Santander) and in Torrelavega (Cantabria), the public company for environment, water, waste and energy of Cantabria – MARE - performed the job of reconditioning covered spaces to allow temporal storage of the items collected, reconditioning also the showcase containers, in order to allow the exhibition of the restored bulky objects.</p> <p>After these jobs were done, in November 2019 they started with the restorations of the selected bulky items from the civic amenity sites. They were transported to a special job centre to be cleaned, restored and to become part of an inventory. After, the bulky items were brought back to the showcase containers to be exhibited.</p> <p>The coordinator of this practice has been the public company MARE, with people working in the classification of the bulky items collected in the civic amenity sites and in the coordination and promotion of the project. They collaborate with a company that deals with the works of cleaning and restoration and the transportations.</p> <p>A specialised company was contracted for the awareness campaign, so that flyers were produced and disseminated and there was promotion in social media and some short advertisements on the radio. The beneficiaries were the entire population of the region of Cantabria.</p>



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<p><b>Resources needed</b></p>	<p>In terms of funding, it has to be remarked that the used of pre-existing facilities helped decreasing the funding needed to set in motion this project.</p> <p>However, it was necessary to contract a company to deal with the restoration of the items collected and another company to deal with communication because MARE did not have personnel with the qualifications to carry out these works.</p> <table border="1" data-bbox="699 840 1401 1025"> <thead> <tr> <th>Action</th> <th>Expense (without VAT) in €</th> </tr> </thead> <tbody> <tr> <td>Bulky items restoration</td> <td>14.880</td> </tr> <tr> <td>Awareness campaign</td> <td>7.900</td> </tr> </tbody> </table>	Action	Expense (without VAT) in €	Bulky items restoration	14.880	Awareness campaign	7.900
Action	Expense (without VAT) in €						
Bulky items restoration	14.880						
Awareness campaign	7.900						
<p><b>Timescale (start/end date)</b></p>	<p>From November 2019 – ongoing (with a parenthesis between April - July 2020 due to Covid)</p>						
<p><b>Evidence of success (results achieved)</b></p>	<p>This practice should be considered as good because it is promoting the reuse of bulky waste and taking advantage of existing facilities to do so.</p> <p>Its numbers have been heavily affected by covid pandemic; but according to the estimations, it is possible to restore up to 80 units/month which would help to massively decrease the cost per unit restored. Currently, we are restoring only 24 units/month with an average weight of 9 Kg.</p>						
<p><b>Challenges encountered</b></p>	<p>The difficulty in providing a new destiny for the bulky waste restored is a big challenge to highlight.</p> <p>Many entities and organizations were contacted, without achieving the expected results, since some of the items were not of interest for the organizations or consumers.</p> <p>Moreover, the return of the items for its exhibition, even if it is considered illustrative, it is not very operational.</p> <p>Also, despite the awareness campaign there has been a low engagement of citizens so far. This low flow of items has drastically increased the cost per unit restored that could be achieved with an optimal flow.</p>						



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<p><b>Potential for learning or transfer</b></p>	<p>The fact that this practice has taken advantage of already existing facilities has been a positive feature to start up.</p> <p>Similarly, regions that have similar premises can consider adapting them instead of building new ones.</p> <p>It is also crucial to find collaborators to restore the bulky items and consolidating the finding of a destiny for these articles.</p> <p>It is considered that such an initiative is an affordable way for a public organisation to include reuse in its waste treatment strategy, even if it is a challenge to get people involved.</p>
<p><b>Keywords related to your practice</b></p>	<p>#reuse #bulkywaste #civicamenitysite #circulareconomy</p>
<p><b>Upload image</b></p>	



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Region	CANTABRIA
City	SANTANDER AND TORRELAVEGA



<b>Title of the practice</b>	<b>Collaboration EMULSA – KOOPERA (SPAIN)</b>
<b>Detailed description</b>	
<b>Short summary of the practice</b>	<p>The collaboration of the municipal company for environment of Gijon (EMULSA) and KOOPERA Cáritas organization aims at the collection and exploitation of used clothes, making use of specific containers with recognizable serigraphy.</p> <p>The experience takes place in the city of Gijon, in the region of Asturias.</p>
<b>Detailed information on the practice</b>	<p>This practice began in 2014 with a Partnership Agreement signed between Koopera Cáritas and EMULSA, to set a system for the collection of used clothes and accessories in Gijon. The main objective was to look for a new destiny for the used clothes collected. For that purpose, a network of 70 street containers for the disposal of used clothes and accessories was set up around the city. These are large capacity containers with anti-theft systems.</p> <p>Thanks to the agreement signed, a waste collecting lorry has been provided by EMULSA to the project in order to help with the collection of clothes. This lorry was no longer compatible with residual waste fraction and was already amortised.</p> <p>On the basis of the existing agreement, Koopera Cáritas manages the collection and selection of used clothes, in order to resale them or give them purpose as useful by-products. All the personnel employed are members of families at risk of social exclusion. The cession of a waste collecting lorry by EMULSA has speeded up the collection with an automatic elevator of containers. Then, the clothes collected are classified in order to resale them in second-hand shops in Gijon or to give them purpose as by-products.</p> <p>Part of the clothes collected in the containers is sold in second-hand shops placed in the main streets of the city, very visible to citizens. Furthermore, shops try to show a modern image, to be perceived just as any other ordinary shop.</p> <p>The beneficiaries of the initiative are the entire population of the city of Gijon.</p>



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<b>Resources needed</b>	EMULSA has donated an amortised lorry; the rest of the project is self-sustainable.																
<b>Timescale (start/end date)</b>	2014 - ongoing																
<b>Evidence of success (results achieved)</b>	<table border="1"> <thead> <tr> <th>YEAR</th> <th>Kg Collection</th> </tr> </thead> <tbody> <tr> <td>2014</td> <td>484.298</td> </tr> <tr> <td>2015</td> <td>785.070</td> </tr> <tr> <td>2016</td> <td>840.230</td> </tr> <tr> <td>2017</td> <td>880.500</td> </tr> <tr> <td>2018</td> <td>924.189</td> </tr> <tr> <td>2019</td> <td>1.103.456</td> </tr> <tr> <td>2020</td> <td>947.402</td> </tr> </tbody> </table> <p>15 new social jobs created since the initiative began.</p>	YEAR	Kg Collection	2014	484.298	2015	785.070	2016	840.230	2017	880.500	2018	924.189	2019	1.103.456	2020	947.402
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<b>Challenges encountered</b>	<p>The arrival of the pandemic in 2020 has affected the numbers heavily, so that finding the way to adapt to this different situation will be crucial to maintain the initiative in the future.</p> <p>It is also very important to change the perception that citizens have of this type of initiatives, since it is common finding people thinking that waste collected separately is mixed afterwards since they do not see any tangible results out of their effort. Perceptions like this one affect their involvement.</p>																
<b>Potential for learning or transfer</b>	<p>This practice reduces textile waste, promotes the reuse of clothes in good conditions and encourages sustainable fair trade.</p> <p>It is totally transferable as indeed it is being already implemented in other regions of Spain, as Cantabria. There, the public company for waste management (MARE) is collaborating with Ecolabora company to implement the very same experience.</p>																
<b>Keywords related to your practice</b>	<i>#clothingreuse #clothescollection #collaboration</i>																



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Region	ASTURIAS
City	GIJÓN



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<b>Title of the practice</b>	<b>Cordoba Barter Network (SPAIN)</b>
<b>Detailed description</b>	
<b>Short summary of the practice</b>	<p>Cordoba Barter Network promotes the free exchange of items between individuals through the organization of "bartering events". These events are developed in collaboration with the city neighborhood associations and the Córdoba City Council through SADECO, the municipal company responsible for sanitation and waste management.</p>
<b>Detailed information on the practice</b>	<p>The Cordoba Barter Network began its activities more than 15 years ago as an initiative of a group of people motivated to reduce waste and to change the ever-consuming economy based on the disposal of goods.</p> <p>The main objective of this practice is the promotion of the free bartering of goods between individuals, prioritizing the value of use over the economic value.</p> <p>Cordoba Bartering Network is widely involved with neighborhood associations. "Bartering fairs" are organized in collaboration with them: they consist of exhibiting items from the Barter Network own pool or belonging to the neighbors. These activities are promoted through posters and social networks, and those interested attend with the belongings they no longer need, to exchange them for others that may be of interest to them. The exchange is free and there is no limitation of quantity or economic value of the objects.</p> <p>The neighborhood associations' collaboration focuses on the transport and assembly of materials belonging to the Barter Network, the loaning of tables to display the products and the participation of collaborators in the event.</p> <p>The organization and supervision of the activity is carried out by volunteers from the Bartering Network and the neighborhood associations. Sadeco collaborates with the organization of parallel activities such as recycling workshops or recreational activities.</p>



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	<p>The beneficiaries are the neighbors who, in exchange for bringing items that they no longer use, obtain products they might use or that are of interest to them.</p>
<p><b>Resources needed</b></p>	<p>The activity is carried out without any economic exchange attached.</p> <p>The Barter Network and the neighbors associations collaborating in the event provide the following resources:</p> <ul style="list-style-type: none"> <li>- Material resources: <ul style="list-style-type: none"> <li>○ Van or vehicle to transport material from the Barter Network facilities</li> <li>○ Tables to display the items</li> <li>○ On occasion: parasols or tents</li> </ul> </li> <li>- Human Resources: <ul style="list-style-type: none"> <li>○ 2 volunteers for the transportation part</li> <li>○ From 4 to 8 volunteers (depending on the size of the event) to support and care for the neighbors at the tables.</li> </ul> </li> </ul> <p>Sadeco organizes the parallel activities, which are both recreational and awareness-raising.</p>
<p><b>Timescale (start/end date)</b></p>	<p>The first Bartering Market took place in 2013. The activity continues at present and has no end date scheduled.</p>
<p><b>Evidence of success (results achieved)</b></p>	<p>Cordoba Barter Network is considered a Good Practice for the values it promotes:</p> <ul style="list-style-type: none"> <li>• Values of equality and fraternity: what is no longer needed is shared and exchanged, instead of promoting relationships based on the superiority of those who have more over those who have less.</li> <li>• Responsible consumption.</li> <li>• Replacing shame with the naturalness implied by the act of bartering or exchanging.</li> <li>• Recovery of squares and open spaces in our city for citizens to use them as a meeting place.</li> <li>• Collaboration with groups, associations and the public in general.</li> <li>• Teaching of values such as sharing, recycling and reuse, as well as helping to meet the needs of many.</li> </ul> <p>Since its inception in 2013:</p> <ul style="list-style-type: none"> <li>• Organization of more than <b>70 bartering events</b>.</li> <li>• Collaboration in the organization of bartering activities with more than <b>30 groups</b>.</li> </ul>



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	<ul style="list-style-type: none"> <li>Estimated global attendance and participation in our bartering events: more than <b>15,000 people</b>.</li> </ul>
<b>Challenges encountered</b>	Bureaucratic setbacks encountered in making public space available for the activities.
<b>Potential for learning or transfer</b>	<p>Bartering is a transferable activity because its implementation is simple and because it offers a solution to the problems of access to necessary goods by citizens in general and especially by those with less means.</p> <p>Because it promotes ethical values of equality and respect for others and for the environment.</p>
<b>Further information</b>	<p>Link to where further information on the good practice can be found</p> <p><a href="https://es-es.facebook.com/RedTruequeCordoba/">https://es-es.facebook.com/RedTruequeCordoba/</a></p>
<b>Keywords related to your practice</b>	Barter, exchange, flea market
<b>Upload image</b>	

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<b>Country</b>	SPAIN
<b>Region</b>	ANDALUSIA
<b>City</b>	CORDOBA



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<b>Title of the practice</b>	<b>Manual Wool Works (JORDAN)</b>
<b>Detailed description</b>	
<b>Short summary of the practice</b>	Collection of wool yarns from wool clothes residues and reuse of the material.
<b>Detailed information on the practice</b>	<p>The practice consists of collecting the wool yarns from the outdate / old wool clothes and produce new clothes from it.</p> <p>The origin of this experience is in heritage coming from the past, from the local women.</p> <p>This experience has been/is implemented by a woman from Deir Allaa local community (Jordan).</p> <p>The main objectives of experience are:</p> <ol style="list-style-type: none"> <li>1. To increase the income.</li> <li>2. To reduce the amount of waste resulting from disposing the outdate / old wool clothes.</li> </ol>
<b>Resources needed</b>	outdate / old wool clothes.
<b>Timescale (start/end date)</b>	From 2017 – ongoing
<b>Evidence of success</b>	Continuous demand of the products from the local people.
<b>Challenges encountered</b>	Marketing: the lack of a marketing plan has limited the selling of the products.
<b>Potential for learning or transfer</b>	There is a good chance to transfer the initiative through the organization of training courses.
<b>Upload image</b>	



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Contact information	
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City	<i>Balqa/ Deir Allaa</i>



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<b>Title of the practice</b>	<b>REUSAPP (SPAIN)</b>
<b>Detailed description</b>	
<b>Short summary of the practice</b>	<p>REUSAPP started as expansion of the free app developed to communicate news to citizens, which was available for Android and iPhone.</p> <p>It consists of a system making possible that some belongings that citizens discard as waste- but which are in good condition- can be reused by others that still find them useful.</p>
<b>Detailed information on the practice</b>	<p>Until 2018, all the items collected in EMULSA (municipal company for environment in Gijon) recycling facilities had recycling or elimination as only destinations.</p> <p>In June 2018 a new project was developed: the objective was those items still in good conditions but no longer wanted by their owners (because they bought a newer product, because their children had grown up, because they have stopped practising a sport, because they have the item in the storage room or whatever the reason may be) to be no longer treated as waste, but to be evaluated for potential reuse.</p> <p>A space in EMULSA recycling facilities was set up. All the donated items would be stored there. Subsequently, they would be weighted, photos of them taken and finally such items would be included in an inventory database.</p> <p>Following this process, they started to be uploaded to a free app, REUSAPP, so that any citizen in Gijon could, from its phone, see what items were available and to reserve them only with 2 clicks.</p> <p>The objects are for free. The delivery of the item is agreed with the person reserving it within 10 days; normally they are delivered in one of the existing recycling facilities.</p> <p>Citizens beneficiaries of social aids provided by the municipality have a right to reserve more items, up to 5 per year. The rest of the citizens are allowed to get 2 items per year.</p> <p>Thus, the reuse of sports equipment, toys, electronic devices, home appliances and childcare material has been achieved.</p>



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	<p>As an additional step, in 2019 a partnership agreement was signed with an NGO - Hacedores and Makers (H&amp;M)- by which H&amp;M commits itself to perform certain repairs and reconditioning of electronic equipment not fully functional, so that afterwards this equipment can be provided to local associations, NGOs or families without resources.</p> <p>In addition, a city map of sustainable businesses (including second-hand resources) was produced and disseminated.</p> <p>The implementer of the practice is EMULSA, the municipal company for environmental services in Gijon; the main collaborator is NGO Hacedores &amp; Makers.</p> <p>EMULSA provides the facilities, the necessary transport system and the app. Hacedores &amp; Makers provide the technical support needed to repair some items.</p> <p>The citizenship in general are the beneficiaries of this practice.</p>
<p><b>Resources needed</b></p>	<p>The costs to run the service are entirely covered by EMULSA:</p> <ul style="list-style-type: none"> <li>- extension of the app</li> <li>- conditioning of a facility to store</li> <li>- classification and delivery of the products</li> <li>- development of the map of sustainable businesses</li> </ul> <p>It was an investment of 41.500 €: 22.500 € were devoted to conditioning the reuse space in EMULSA to develop the activity; 19.000€ were devoted to develop the APP.</p> <p>There is a part time worker in charge of the selection of the items and the process. The IT Department in EMULSA is also involved.</p>
<p><b>Timescale (start/end date)</b></p>	<p>June 2018 - ongoing</p>
<p><b>Evidence of success (results achieved)</b></p>	<p>This initiative has helped to avoid the production of waste, promoting reuse.</p> <p>In the following table it is possible to see the amount of waste prevented since the initiative started. The figures show a continuous growing progression, even during 2020 (COVID-19 crisis).</p>

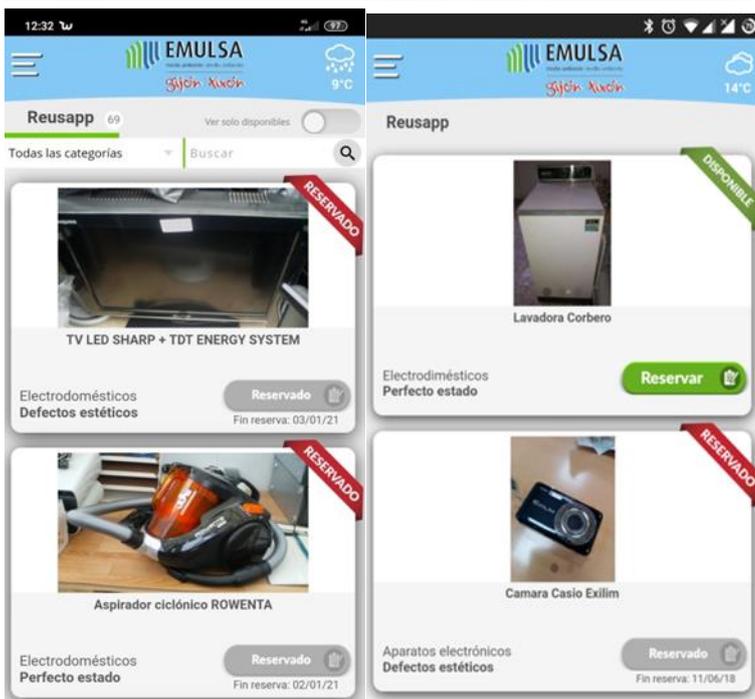


# REUSEMED

	<table border="1" data-bbox="831 600 1331 804"> <thead> <tr> <th>YEAR</th> <th>UNITS</th> <th>KG</th> </tr> </thead> <tbody> <tr> <td>2018</td> <td>482</td> <td>2744</td> </tr> <tr> <td>2019</td> <td>653</td> <td>3188</td> </tr> <tr> <td>2020*</td> <td>666</td> <td>3493</td> </tr> <tr> <td><b>Total</b></td> <td><b>1801</b></td> <td><b>9426</b></td> </tr> </tbody> </table> <p>There are 5.200 users registered out of a population of 275.000. The data show that as users start to use REUSAPP, their involvement with the initiative grows.</p>	YEAR	UNITS	KG	2018	482	2744	2019	653	3188	2020*	666	3493	<b>Total</b>	<b>1801</b>	<b>9426</b>
YEAR	UNITS	KG														
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2019	653	3188														
2020*	666	3493														
<b>Total</b>	<b>1801</b>	<b>9426</b>														
<p><b>Challenges encountered</b></p>	<p>The administrative management of the whole process has been the major challenge encountered.</p>															
<p><b>Potential for learning or transfer</b></p>	<p>In the opinion of the developers of the initiative themselves, there is a large margin for growing in the figures derived out of the initiative; the limiting factor is the load of administrative work derived and the resources necessary for it.</p> <p>REUSAPP is a perfect example of a practice fostering circular economy and bringing it close to the general population.</p> <p>The APP is very positively valued by the users. Worthwhile mentioning that the 90% of the items are reserved within the first hour since they are uploaded.</p>															
<p><b>Keywords related to your practice</b></p>	<p><i>#reuse #APP #REUSAPP #circulareconomy</i></p>															
<p><b>Upload image</b></p>																



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# REUSEMED



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City	GIJÓN



<b>Title of the practice</b>	<b>Lillero Barter Market (ITALY)</b>
<b>Detailed description</b>	
<b>Short summary of the practice</b>	A group of young volunteers have created a barter market aimed at giving new life to objects, using fictitious currency, the so-called “lilleri” as a means of exchange.
<b>Detailed information on the practice</b>	<p>Lillero Barter Market was established within the context of a civic crowdfunding.</p> <p>The municipality’s funds were used to provide a structure to a spontaneous initiative conceived by young individuals who, in previous years, had developed the idea of bartering and had set up temporary markets over the Christmas holidays.</p> <p>Thus, the activity formally began thanks to the support of these funds on the part of the Municipality. An association was created, the young founders being members of it. The association premises were made available by the parish of Parezzana (a hamlet of Capannori), thanks to a one-off donation.</p> <p>The goal of Lillero Market is helping to give a second life and home to used objects that people want to get rid of (clothes, games, household items, small appliances). A fictitious currency, the so-called “Lillero”, is used; individuals simply need to bring the items that are no longer used into the shop. Each of these items is attributed a value in Lilleri, which corresponds to the price that will appear on the item’s price tag once it is displayed on the store’s shelves. The same value in Lilleri is also immediately paid to the donor, who thus has the opportunity to choose a different object he or she might need or simply like among those brought by others. There are no limitations to what can be brought into the shop, the important thing is that the items are in good condition.</p> <p>The work is carried out by volunteers. In fact, the opening hours of the shop correspond to the time availability that the young members of the association can dedicate to the project.</p> <p>Crowdfunding has been used for communication activities and to</p>



# REUSEMED

	purchase the display furniture.
<b>Resources needed</b>	<p>The Lillero Group consists of about 40 volunteers.</p> <p>To get the initiative on its feet, an initial investment of about €2500 was needed in order to set up the shop (fixing up the space, painting, furniture made by the association volunteers using pallets).</p> <p>Every month, the association pays about €100 in electricity bills, while in terms of rent, when funds are available, a donation is made to the parish that provides the premises.</p>
<b>Timescale (start/end date)</b>	<ul style="list-style-type: none"> <li>• November 2017: conclusion of the crowdfunding campaign.</li> <li>• November 2017 – December 2018: (desperate) search for a space for creating the “shop”.</li> <li>• December 2018: agreement with a local parish for using a 200 sqm space that is part of the church as a shop for the Lillero Barter project.</li> <li>• January– March 2019: busy at work, every weekend the volunteers worked to set up the shop: painting, fixing up, cleaning &amp; building the furniture (made of reused wood pallets).</li> <li>• March 31, 2019: inauguration of the shop <a href="https://www.youtube.com/watch?v=Rn6MukwatOO">https://www.youtube.com/watch?v=Rn6MukwatOO</a></li> <li>• March 31, 2019 – Ongoing: the shop is open once per week (on Saturday from 10 am to 6 pm during the winter, on Wednesday from 6 pm to 11 pm during the summer) with more than 500 registered members.</li> <li>• July 2020: A group of volunteers developed and release the Lillero mobile App, allowing users to receive and spend Lillero in digital format (<a href="https://lilleroapp.firebaseio.com/">https://lilleroapp.firebaseio.com/</a>).</li> </ul>
<b>Evidence of success (results achieved)</b>	<ul style="list-style-type: none"> <li>• Number of members: more than 500 (the subscription is valid for a whole family).</li> <li>• Number of people who visit the shop each time it is open: with the pandemic, an appointment is needed to enter the shop. The maximum number of people who can enter the shop is 90 per day and it is always fully booked. Before the pandemic, we had around 150 people every opening.</li> </ul>



# REUSEMED

	<ul style="list-style-type: none"> <li>• Number of objects picked up: Every time Lillero Market is open, more than 500 new objects to be swapped are received.</li> <li>• Amount of Lillero traded: the average revenue every time Lillero is open is about 1500 Lillero.</li> </ul>
<b>Challenges encountered</b>	The biggest challenge is promoting a true barter mentality while relying on a fictitious currency; also, achieving a logic focused not only on “getting rid” of an item, but the desire to give it a second life.
<b>Potential for learning or transfer</b>	<p>Lillero promotes an alternative lifestyle to rampant consumerism, with a focus on the recovery of goods that would otherwise end up in the landfill.</p> <p>Bartering is a practice that has been lost over time, and this approach represents a way to discourage the disposal of goods and objects, giving them the chance for a second life. Moreover, bartering is “equality”: it is not about those who give and those who receive; instead, everyone can both donate and receive, within the context of a mechanism that favours inclusion and engagement between people.</p> <p>The project promotes cultural change and a vision: it is therefore formative and constructive for those who participate as customers.</p> <p>It is also inclusive for the group of local young people who work together as volunteers. In fact, having a space to look after, to be the faces that customers know and recognise, to find in Lillero the opportunity to put their skills and ideas into practice, means offering this young group of individuals an important opportunity for growth and self-affirmation.</p>
<b>Further information</b>	<p><a href="https://lillerobaratto.it/chi-siamo/">https://lillerobaratto.it/chi-siamo/</a></p> <p><a href="http://www.facebook.com/lilleroverobaratto">www.facebook.com/lilleroverobaratto</a></p> <p><a href="http://www.instagram.com/lilleroverobaratto">www.instagram.com/lilleroverobaratto</a></p>
<b>Keywords related to your practice</b>	#reuse #barter #lillero



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Upload image



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<b>Title of the practice</b>	<b><i>School Supplies Reuse (TUNISIA)</i></b>
<b>Detailed description</b>	
<b>Short summary of the practice</b>	<p>In Tunisia, a huge amount of solid waste in the form of paper and cardboard is produced, reaching annually 44.000 tons. Such waste management has emerged as a big challenge for municipalities of Sakiet Ezzit and Sfax.</p> <p>Municipality of Sfax, in collaboration with NGOs, collect each year school supplies, books, newspapers packaging, cardboard, satchels and notebooks. Then, an event to promote reuse is annually organised in the hall of the municipality of Sakiet Ezzit at the beginning of September, before the start of the school year. There are tents for the collection of supplies and the event is displayed through social networks, regional radios, mosques and banners.</p>
<b>Detailed information on the practice</b>	<p>The Tunisia's literacy rate reached 96.6 %. For decades, the Governorate of Sfax has had the best success rate in bachelor results and the illiterate percentage is of 4.76 %. Thus, a big investment in education is provided.</p> <p>In the opposite side, a huge amount of solid waste in the form of paper and cardboard is produced, 44.000 tons being reached annually. In order to reduce school supplies waste, the municipality of Sakiet Ezzit started to organise an event to promote the reuse of school supplies with the help of civil society and NGOs.</p> <p>The event is organized before the start of the school year at the beginning of September. A large campaign to publish this event is annually developed on social media, local radio, mosques, and through banners with a view to collect significant amounts of reusable school supplies like books, pens, pencils, etc. but also old school supplies especially paper to be recycled.</p> <p>The school supplies collected are shown to beneficiaries in the hall of the Municipality of Sakiet Ezzit. After the event, the municipality offers lorries to have the books transported to other delegations such as El Hencha, El Amra, Jbeniana and El</p>



# REUSEMED

	Skhira as well as to other provinces like Sidi Bouzid, Kasserine and El Kef.
<b>Resources needed</b>	4,000€ are needed to organise the annual reuse event before the start of the school year. This amount is necessary to pay especially communication provision and workers. These later are constituted with 30 persons including volunteers.
<b>Timescale (start/end date)</b>	From 8 <sup>th</sup> to 13 <sup>th</sup> September each year
<b>Evidence of success (results achieved)</b>	The reuse of school supplies is having significant economic and environmental impact. In the 7th edition of the reuse event in 2019, 18,000 books were collected and distributed to about 3,000 beneficiaries. In addition, about 10 tons of papers were collected and sold to get funds for schools repair. In the other hand, the paper recycled had had a certain environmental impact, allowing to save about 170 trees.
<b>Challenges encountered</b>	Some difficulties are encountered in each event, especially in the collection of school supplies from outside Sakiet Ezzit. Furthermore, because of the lack of some books, the event doesn't meet all the needs of beneficiaries. Also, some books are in a bad condition for reuse.
<b>Potential for learning or transfer</b>	School supplies reuse have social, economic and environmental impacts that may interest not only Tunisian municipalities but also any municipality in the world.  A lot of energy is spent to create new products: raw materials must be extracted from the earth, the product must be manufactured, then transported.... Thus, the more you reuse school supplies, the less you put in the bin, the more money is saved. This is good for households, businesses and local public services. Furthermore, reuse may create jobs.  In our context, as reuse is not too developed in Tunisia, most of the participants are volunteers. However, in the future, we expect creating jobs.
<b>Further information</b>	<a href="https://www.facebook.com/municipalitesakietezzit">https://www.facebook.com/municipalitesakietezzit</a> <a href="https://www.facebook.com/7elmet.ajyel/posts/3097467133608865/">https://www.facebook.com/7elmet.ajyel/posts/3097467133608865/</a>



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<b>Keywords related to your practice</b>	<i>School books reuse, save money, natural resource preservation, paper recycling</i>
<b>Upload image</b>	

<b>Contact information</b>	
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<b>Region</b>	SAKIET EZZIT
<b>City</b>	SFAX – SAKIET EZZIT



# REUSEMED

<b>Title of the practice</b>	<b>Reuse of Wood and Palm leaves (JORDAN)</b>
<b>Detailed description</b>	
<b>Short summary of the practice</b>	Palm leaves from Karameh area (where palms are planted) and wood resulting from carpentry shops are collected and reused for new products.
<b>Detailed information on the practice</b>	<p>Women from the local communities and Syrian refugees are trained in the field with a view to create environmental jobs.</p> <p>The origin of this experience is in past practices developed by local women. The main objectives are:</p> <ol style="list-style-type: none"> <li>3. Create jobs.</li> <li>4. Reduce the amount of waste resulting palm plants and carpentry shops.</li> </ol> <p>The experience has been implemented so far by “Al- Ghaddac Charity Association”, involving women from the area as well as Syrian refugees.</p>
<b>Resources needed</b>	<ul style="list-style-type: none"> <li>• Palm leaves</li> <li>• Wood waste from carpentry shops</li> <li>• Fiber ropes</li> <li>• Bamboo chopsticks</li> </ul>
<b>Timescale (start/end date)</b>	June – July 2020
<b>Evidence of success (results achieved)</b>	<p>The women trained could implement the requested models successfully.</p> <p>The products were largely accepted by the people and many orders to book them were received even before the products were offered in the market.</p>
<b>Challenges encountered</b>	<p>The experience duration: shortened from 6 to 2 months only due to COVID – 19 pandemic. The number of trainees had to be limited too.</p> <p>Space needed: this experience needs a wide space to develop the production process.</p>
<b>Potential for learning or transfer</b>	There is a good chance to transfer this experience as well as to scale it up to other cities in Jordan if the resources were available as well as if the duration was enough and the required spaces were secured.



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	It is an innovative experience, proven successful, that could be definitely scaled up.
<p>Upload image</p>	  

Contact information	
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Country	JORDAN
Region	CENTRAL
City	DEIR ALAA



# REUSEMED

<b>Title of the practice</b>	<b>Traperos de Emaús Navarra: Selective Waste Collection Door-to-Door (SPAIN)</b>
<b>Detailed description</b>	
<b>Short summary of the practice</b>	Traperos de Emaús Navarra Foundation develops selective waste collection door-to-door in municipalities of the county of Pamplona in order to maximize the exploitation of such “waste” as resources.
<b>Detailed information on the practice</b>	<p>In 1985 Traperos de Emaús Navarra signed their first agreement for selective waste collection with LIMUPANSA (Cleaning Company of the Municipality of Pamplona); in the following years, the firsts contracts with MCP (Council of Municipalities of Pamplona) were also signed. Traperos de Emaús Navarra can be considered as one of the beginners of door-to-door collection system for waste collection in Spain.</p> <p>The main objective is to allow the exploitation of objects collected as waste, by collecting them door-to-door.</p> <p>The collection starts with a phone call on the part of a resident. During this call, the date and way of collection are agreed. The phone number is available 12 hours a day from Monday to Friday and on Saturday mornings. For collection, there are different options, but the two general procedures are: entering in the house to collect the item or collecting it from the hall of the building (the item being appropriately placed and indicated).</p> <p>After classification and valorisation of the items collected in the treatment plant, they are sent to reuse directly (if possible) by displaying them in markets and/or second-hand shops, or to repair (if needed) or recycling (if they are not repairable).</p> <p>The implementers are the workers of Traperos de Emaús Navarra Foundation, normally people in social exclusion risk. The collaborators are the institutions of the municipalities involved. The beneficiaries are the population of these municipalities.</p>
<b>Resources needed</b>	In 2019 there were 245 people working in the foundation, in different areas: collection, classification plants, markets, administration and communication.



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	<p>The following table shows the income and expenses, in euros, of years 2018 and 2019 for all the operations of Traperos de Emaús Foundation.</p> <table border="1" data-bbox="699 633 1369 1003"> <thead> <tr> <th></th> <th>2018</th> <th>2019</th> </tr> </thead> <tbody> <tr> <td>INCOME</td> <td>6.306.462</td> <td>6.669.649</td> </tr> <tr> <td>SERVICES</td> <td>3.533.543</td> <td>3.667.290</td> </tr> <tr> <td>SALES</td> <td>2.016.380</td> <td>2.207.629</td> </tr> <tr> <td>EXPENSES</td> <td>6.050.434</td> <td>5.552.995</td> </tr> <tr> <td>EMPLOYEES</td> <td>4.090.025</td> <td>4.543.624</td> </tr> </tbody> </table>		2018	2019	INCOME	6.306.462	6.669.649	SERVICES	3.533.543	3.667.290	SALES	2.016.380	2.207.629	EXPENSES	6.050.434	5.552.995	EMPLOYEES	4.090.025	4.543.624
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<b>Timescale (start/end date)</b>	1985-ongoing																		
<b>Evidence of success (results achieved)</b>	<p>In 2019, 11.482.333 Kg of items were collected thanks to selective door-to-door collection, civic amenity sites and specific premises. 84% (9.677.193 Kg) of those items were recovered for reuse or recycle and the rest were discarded.</p> <p>In 2018, 11.290.479 Kg were collected: 8% more of items recovered in 2017 and 2.500 tonnes more than in 2015.</p> <table border="1" data-bbox="699 1317 1425 1597"> <thead> <tr> <th>Year</th> <th>2016</th> <th>2017</th> <th>2018</th> <th>2019</th> </tr> </thead> <tbody> <tr> <td>Door-to-door Collection (Kg)</td> <td>5.674.134</td> <td>6.009.657</td> <td>5.524.954</td> <td>5.521.394</td> </tr> <tr> <td>Door-to-door Collection Services</td> <td>52.125</td> <td>53.751</td> <td>55.197</td> <td>50.022</td> </tr> </tbody> </table>	Year	2016	2017	2018	2019	Door-to-door Collection (Kg)	5.674.134	6.009.657	5.524.954	5.521.394	Door-to-door Collection Services	52.125	53.751	55.197	50.022			
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Door-to-door Collection Services	52.125	53.751	55.197	50.022															
<b>Challenges encountered</b>	<p>The main challenges faced during the implementation of this practice are economic. The selective collection door-to-door is expensive; however, it makes possible more than 80% of the items collected to be recovered, by reusing or recycling them.</p>																		
<b>Potential for learning or transfer</b>	<p>This practice is interesting because it fosters recycling and reuse of waste instead of its disposal.</p> <p>In addition, door-to-door collection of the objects enables the recovery of the goods in a better condition than if they were recovered from a civic amenity site or through kerbside collection.</p>																		



# REUSEMED

	<p>It is really interesting as a public utility service is provided while the process of waste treatment is improved, in line with Circular Economy principles.</p> <p>However, if public administrations do not integrate this system for waste management, it will be very tough for this system to be successful.</p> <p>The contracts and agreements signed between Traperos and the municipalities involved provide them with a strong support and allow them to carry out these works, satisfying a need of both the population and the municipalities.</p> <p>Traperos get the 35% of their funds by selling the goods recovered in their markets. These contracts and agreements are crucial to give Traperos financial support and the possibility to participate in the waste treatment strategies of the municipalities.</p>
<p><b>Further information</b></p>	<p><a href="https://emausnavarra.org/index.php/es/hacemos">https://emausnavarra.org/index.php/es/hacemos</a></p>
<p><b>Keywords related to your practice</b></p>	<p><i>#reuse #bulkywastecollection #WEEcollection #doortodoorcollection #collectionforreuse</i></p>
<p><b>Upload image</b></p>	



# REUSEMED



Contact information	
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Country	SPAIN
Region	NAVARRA
City	PAMPLONA and others



# REUSEMED

<b>Title of the practice</b>	<b>Saved by Remida (ITALY)</b>
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<b>Detailed description</b>	
<b>Short summary of the practice</b>	“Saved by Remida” offers new hands and looks to books otherwise destined for the pulping mill.
<b>Detailed information on the practice</b>	<p>Saved by Remida is a book exchange project open to all, free of charge and run with passion and competence by a group of over 10 volunteers.</p> <p>By bringing a book, people can take a different one in exchange. The books provided are stamped “Saved by Remida” because this is what actually happens. They are put back into circulation and given to new hands and new homes. Thus, the books lose their economic value by taking on a timeless value.</p> <p>The experience came to life in 2004 as part of the Remida project. It is a sort of “project within the project”, managed by a group of passionate volunteers since the very beginning.</p> <p>Saved by Remida allows to see the book as an object with new eyes so as to discover its potential beyond story-reading (e.g. the beauty of covers, the texture and colour of paper, the smells, the graphic patterns). A dedicated workstation is also available where the book is offered to investigate new possibilities and discoveries with magnifying glasses, a stethoscope and other instruments. The arrangement and cataloguing of books also has its own particular significance: books are sorted by colour, shape, size, or according to their covers, going beyond classification by genre or author. Genres include fiction, novels, non-fiction, children’s books, cookbooks, art books, etc.</p> <p>Also, “Saved by Remida” is a physical space within the Remida centre, but it is also a travelling project that can be presented in different places, at special events, fairs, festivals and initiatives in the city and beyond. It is also housed in public offices, apartment blocks, schools, and the paediatric and infantile neuropsychiatric wards of the city hospital.</p>



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<p><b>Resources needed</b></p>	<p>Books</p> <p>A physical, either fixed or itinerant, space for storing and exchanging books.</p> <p>A group of people, mainly volunteers, involved in collecting, cataloguing and exchanging books and who are available to carry them around but also to speak with people about the project and facilitate the exchange.</p> <p>A distribution network (private individuals, organizations, study groups).</p>
<p><b>Timescale (start/end date)</b></p>	<p>October 2004 - ongoing</p>
<p><b>Evidence of success (results achieved)</b></p>	<p>The practice is good because every year:</p> <ul style="list-style-type: none"> <li>- 10 volunteers are regularly involved but others are free to join</li> <li>- 5,000 books have been exchanged and saved from pulping mills: novels, essays, technical and illustrated books, even in foreign languages.</li> <li>- More than 800 people participate in the exchange of “saved” books.</li> <li>- Numerous events and initiatives host the books saved by Remida (Remida day, Sunday openings at the Loris Malaguzzi International Centre in Reggio Emilia, days dedicated to families in the city, parties in schools, with the possibility of including the experience also in different contexts).</li> <li>- Around 250 books donated to the local hospital.</li> <li>- Around 150 books donated to local general practitioners.</li> </ul> <p>The practice also encourages the exchange and circulation of books for all those who are experiencing a vulnerable or fragile situation, since it activates a real book distribution network to support those families in need (during the first lockdown – March/April 2020 – 150 books were given to families in need).</p>
<p><b>Challenges encountered</b></p>	<p>“Saved by Remida” aims to go beyond the concept of book exchange or loan, as may be the case with bookcrossing or library loans, by supporting the culture of reuse, looking at books as objects, as a research and discovery material.</p> <p>Disseminating and making the project known is also challenging, as well as the recruitment of volunteers and their initial training.</p>



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<b>Potential for learning or transfer</b>	<p>“Saved by Remida” is a way to recycle not only paper but also ideas, feelings, fears, laughter and adventures hidden inside books. It promotes the exchange of books and a new life for them; it disseminates a new way to put stories back into circulation and spreads the culture of reuse instead of one focused on disposables. It supports culture and different forms of knowledge and can be easily applied to any context.</p>
<b>Further information</b>	<p><a href="https://www.frchildren.org/en">https://www.frchildren.org/en</a></p>
<b>Keywords of the practice</b>	<p><i>#reuse #saved #books #sharing #bookcrossing</i></p>
<b>Upload image</b>	

<b>Contact information</b>	
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<b>City</b>	Reggio Emilia



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<b>Title of the practice</b>	<b>The beauty of materials as educational resource (ITALY)</b>
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<b>Detailed description</b>	
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<b>Short summary of the practice</b>	Remida Project promotes the idea that materials discarded or imperfect can still be carriers of beauty, promote reflection and be used as an educational resource, thus escaping the definitions of “useless” and “trash”.
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<b>Detailed information on the practice</b>	<p>Since 1996, the Remida project has been carrying out initiatives and activities to promote the idea that materials discarded by companies can be used for cultural and educational projects.</p> <p>Remida opposes the throwaway culture with the idea that materials are finite resources and suggests creative reuse as a way of valuing materials and their potential, expressivity and multiple interpretations.</p> <p>Remida collects waste material from the companies located in the area. These materials are discarded during the production process, either because they are faulty or badly damaged or because they are off-cuts, scraps, stocks or unsold material. This means that they are all new materials, never used. They would nevertheless end up in landfills.</p> <p>Remida collects them all - considered as disposable- and puts them back into circulation.</p> <p>Firstly, Remida distributes materials free of charge to schools, associations and other local organisations working in the social and educational field, which use them for cultural, learning and educational activities.</p> <p>Secondly, Remida offers these materials during workshops and training courses. Every year, Remida welcomes visitors, students, teachers, administrators from the whole of the Italian territory and from all over the world for workshops and</p>
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	<p>professional development courses, seminars, exhibitions and conferences by narrating the ecological approach combined to the creative reuse of materials.</p> <p>Thus, over the year more than 2,000 people – representing about 350 schools and associations– enjoyed the materials from Remida.</p> <p><u>Numbers 2019</u></p> <p>200 Companies provided materials</p> <p>6,545 People visited Remida</p> <p>2,203 People from schools and other socio-educational institutions collected materials</p> <p>17 tons of material collected and put back in circulation (plastic 24%, paper 22%, textiles 16%, ceramics 14.5%, mixed materials 10%, wood 7.5%, glass 3%, metal 3%).</p> <p>Professional Development:</p> <p>83 professional development opportunities</p> <p>47 guided tours</p> <p>6 activities for schools</p> <p>22 workshops for groups of adults</p> <p>3 professional development activities for adults</p> <p>5 outdoor professional development</p>
<b>Resources needed</b>	<p>Industrial waste materials, objects intended for disposal.</p> <p>Staff responsible for relations with companies and distribution of materials and staff in charge of organizational coordination and contact with people for professional development and design.</p>



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	<p>The support of the local waste collection multiutility company is also very important.</p>
<p><b>Timescale (start/end date)</b></p>	<p>1996 - ongoing</p>
<p><b>Evidence of success (results achieved)</b></p>	<p>This practice has produced related projects:</p> <p>One of them is “Bicitante” project, which is an educational, ecologic, urban project created with occasion of the Remida Day in 2005 with the collaboration of hundreds of children and young people, teachers and parents. The project consists of an unusual collection of bikes created by means of traditional drawings and Remida’s waste materials, which are revisited, reinvented and recomposed in the digital environment.</p> <p>The project implied the creation of more than 700 drawings of surprising and ironic bikes, which became a permanent installation along the railway station underpass in Reggio Emilia.</p> <p>Thanks to 40 schools involved, the project gave birth to a permanent installation in Reggio Emilia, to a book and to a set of offline and online activities dedicated to children and adults.</p> <p>Another related project is “Madeamano”:</p> <p>This project wanted to spread the idea that working with your hands is an action of thought. Madeamano project started in February 2010. More than 25 corners around the city invited the people passing by to knit industrial waste materials (wool and cotton yarns, ribbons, tapes, fabrics, cordonnet, various materials not designed to be knitted) in order to make a collective work (an Italian flag to celebrate the 150th anniversary of Italy’s Unification, among others).</p> <p>Thanks to this project 360 modules have been made by more than 2,000 people from 43 different countries and a big</p>



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installation in Reggio Emilia with occasion of Fotografia Europea 2011 (Festival of European Photography) had been developed.

“Sani portatori di gusto” (Healthy Taste Carriers) is another of the so-called related projects. Smart, non-disposable containers made with textile scraps- for travelling food so as to continue to enjoy at home the food consumed during a pleasant moment- were developed. From restaurant to home, from home to school, from grandma’s kitchen to the office desk:

- 15 restaurants of Reggio Emilia joined the project thus becoming “Healthy Taste Carriers” and being committed to promote sustainability at the table when having meals, by offering to customers the possibility of taking away the left-overs.
- A guidebook in Italian/English with the restaurants involved in the project was developed.
- Professional development courses, ateliers and workshops for hundreds of adults and children were organised at Remida and around the city.

“I segreti della carta (The Secrets of Paper)” is another. In this project (2012-2014), paper was proposed as a subject to be investigated, a subject in search of its identity. Thanks to this project:

- 36 types of scrap paper were identified in Remida.
- The exhibition “The secret of paper” was organised in Reggio Emilia in occasion of the Remida Day.
- Collective installation of paper boats ‘In transformation’, made by more than 860 people from 45 countries. The permanent installation in Remida’s spaces has also been hosted in other places in the city, such as the City Museums and the Loris Malaguzzi International Centre.
- Professional development courses and workshops (also online from 2020) with hundreds of adults and children were organised.



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<b>Challenges encountered</b>	The main challenges were to raise awareness among companies and institutions so that this would be possible and to promote a 'research look' at waste materials to see the many possibilities offered, to look for beauty where we are not used to finding it.
<b>Potential for learning or transfer</b>	<p>Remida is not a warehouse of materials. It offers new ways of looking and invites people to go beyond stereotypes, obviousness, and triviality.</p> <p>The cultural and educational valorisation of waste materials is a practice that is well suited to all geographical areas: every country has companies, waste, schools, children and adults carrying out cultural and educational activities.</p> <p>Each area has its own specific features (its own manufacturing sector, its own relations with schools, the business and cultural world) and can promote sustainable development and re-use not only by re-using already used objects but also industrial materials that would be destined for disposal and which still have a lot to say.</p>
<b>Further information</b>	<a href="http://www.frchildren.org/en">www.frchildren.org/en</a>
<b>Keywords related to practice</b>	<i>#reuse #creative reuse #education</i>



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<b>Title of the practice</b>	Remida International Network on Sustainability and Creative Reuse
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<b>Detailed description</b>	
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<b>Short summary of the practice</b>	<p>Remida Project gave life to the Remida Network, which consists of 13 centres situated in Italy (Reggio Emilia, Bologna, Florence, Naples, Milan, Varese, Genoa, Turin), Sweden (Vaggeryd and Södertälje), Norway (Trondheim), Australia (Perth) and Argentina (Buenos Aires).</p> <p>All the centres, geographically far but close in terms of intents and values, work together to enhance creative recycling and environment protection, to promote thoughts about teaching as a place where to act and reflect, to plan shared cultural, environmental and educational initiatives, to activate collaborations between the world of education and businesses.</p>
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<b>Detailed information on the practice</b>	<p>Each centre in the Remida Network has its own specific DNA. Not only from a managerial and organisational point of view (not all Remida centres offer the same activities and the management models are very different), but also because each Remida centre is the expression of the area where it is located: of its companies and materials; of the relations between the world of business, school, culture; of the requests and needs expressed by each area and its citizens.</p> <p>All the centres are supported by local public institutions: municipalities, districts, ministries, etc.</p> <p>The Network in figures:</p> <ul style="list-style-type: none"> <li>• 13 centres worldwide</li> <li>• 4 network meetings a year for updates and exchange of reflections about the ongoing projects</li> <li>• 2 professional development opportunities a year</li> <li>• 3 visits a year to the other centres</li> </ul>
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	<ul style="list-style-type: none"> <li>• 13 “Remida Day” every year</li> </ul>
<p><b>Resources needed</b></p>	<p>Staff responsible for liaising with the centres in the network and for organising and coordinating cultural projects and shared initiatives.</p> <p>It is also important to plan periodic visits to all the centres for exchange/sharing/evaluation of the experience.</p> <p>A memorandum of understanding is signed between the centres with the Municipality of Reggio Emilia, legal owner of the Remida brand.</p>
<p><b>Timescale (start/end date)</b></p>	<p>1999 – ongoing</p>
<p><b>Evidence of success (results achieved)</b></p>	<p>Thanks to the existence of a network of Remida Centres, it has been possible over the years to organise a range of different activities, to share professional development opportunities and to disseminate the good practices related to sustainable development. Some of them follow:</p> <p><b><u>Remida Day</u></b></p> <p>Every year all the Remida Centres organise an event in their area called “Remida Day”: these were special days during which the Remida Centre develop several initiatives throughout the city, open to all, to reinforce Remida’s message of sustainability and to rethink the actions of their daily lives.</p> <p>Remida Day is in fact an initiative to involve the different areas on the theme of sustainability and to renew the perspective on the idea of waste through installations, exhibitions, workshops</p>



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	<p>and seminars. It usually takes place in May in each area of the network, but it can also be held in a different period.</p> <p>Remida Day is also an opportunity to actively collaborate with local authorities, including municipalities and associations.</p> <p><b><u>October 2015</u></b></p> <p>Collaboration with the Remida Centre in Genoa to organise the workshop “Sani portatori di gusto” during the Festival della Scienza a Palazzo Ducale (Science Festival). A total of 82 people participated (54 children and young people – 28 adults).</p> <p><b><u>May-June 2016</u></b></p> <p>The experience of the Remida Centre in Reggio Emilia was presented during the Remida Festival organized by the Remida centre in Trondheim (Norway) addressed to hundreds of participants.</p> <p><b><u>October 2013</u></b></p> <p>The representatives of the Remida Centre in Reggio Emilia went to Sweden and Norway for a public seminar with a focus on Remida and to compare the projects of the Swedish and Norwegian Remida centres.</p>
<b>Challenges encountered</b>	<p>The main challenge for the Remida Network is to operate within a shared framework of meanings (so as to maintain common elements of recognisability), but at the same time to go beyond the concept of franchising: each centre has a specific identity, which reflects the areas in which it is located and allows each centre to have its own uniqueness and originality.</p>

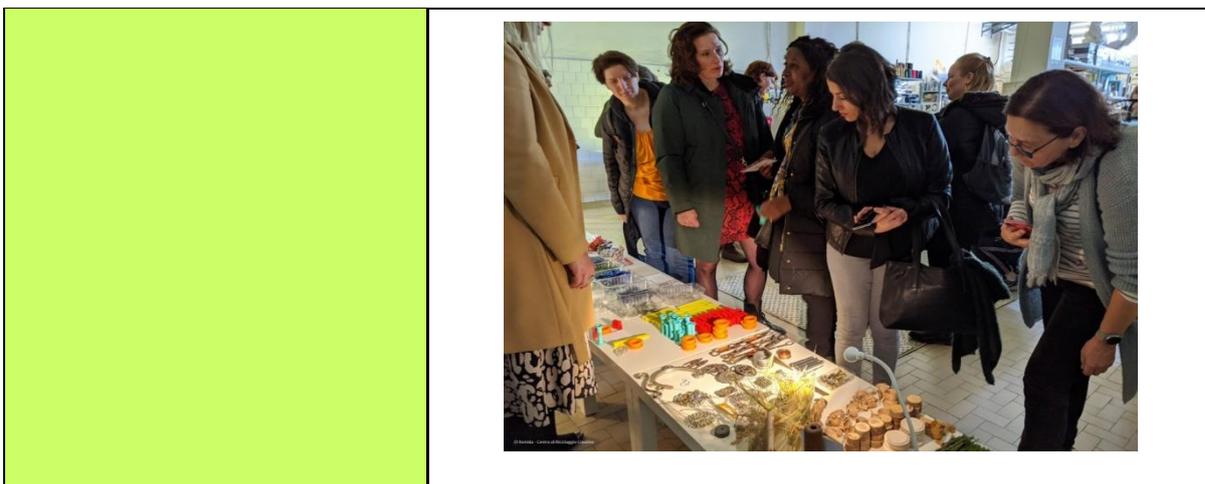


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<p><b>Potential for learning or transfer</b></p>	<p>Being part of a network of reuse centres allows:</p> <ul style="list-style-type: none"> <li>- to communicate, disseminate and share with a very wide audience the many good practices and daily actions of reuse and sustainable development carried out by the various centres belonging to the network at national and international level;</li> <li>- greater sharing and awareness of the topics covered, which makes it possible to be stronger and more authoritative, also at international level;</li> <li>- a permanent exchange of points of view, ideas and opportunities for professional development and growth;</li> <li>- to acquire a know-how so as to organise professional development courses for those interested in opening a reuse centre and to widen the network and the possibilities of dialogue.</li> </ul>
<p><b>Further information</b></p>	<p><a href="http://www.frchildren.org/en">www.frchildren.org/en</a></p>
<p><b>Keywords related</b></p>	<p>#reuse #creativereuse #education #network #reusecentres</p>
<p><b>Upload image</b></p>	



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