

UPNOWASTE – WP2

Activity 3: Preparation of common methodology for reuse/recycling

Best practices template and guidelines

The aim of this template is to have a common structure for a best practice about reuse/recycle of materials selected in the previous project activity “Analysing Reuse/Recycling Activities of Materials”. Each partner will research and find two examples from its local community or at national level according to this table:

- ULE: wood
- ULE: plastic
- TREBAG: paper
- ITI: metals
- GEA: textile
- GL: glass
- UMT: electronics

From the examples selected, a report with a common methodology for reuse/recycling of any material will be drafted.

BEST PRACTICE EXAMPLE #1

Combination ID	019
Country	France
Type of material	Metal
Organization / Institution / Association	Itinéraires : Direction Europe (ITINÉRAIRES)
Title / Name of the activity	Débrouille Cie: <i>Working with recycled metal: between finesse and robustness</i>
Abstract	The association recycles scrap metal to give it a second life. It offers workshops to build hanging mobiles and light sculptures, to create jewellery from cans, buttons, decorative elements, to make small figurines, animals, totems and photophores, lights made of wire mesh or textured paintings with metallic reliefs.
Keywords	metal upcycling, participative workshop, fight waste, ecology
Objectives	<p>To increase participants' knowledge by:</p> <ul style="list-style-type: none"> ● Handling metal with precision and safety ● Reuse sharp materials safely ● Assembling parts without glue, working on structures ● Awaken the eye to the textures and reflections of metal <p>To raise awareness about:</p> <ul style="list-style-type: none"> ● Reduction of metal waste ● Consideration of durability and recycling of long-life materials ● Creation without industrial machinery

<p>Methodology</p>	<p>Workshops are transforming aluminium and use modelling techniques. The methodology used covers:</p> <ol style="list-style-type: none"> 1. Secure cutting with shears or hand tools 2. Shaping (folding, hammering, embossing) 3. Assembling with wire, textile thread or rivets 4. Drilling to create volumes, suspensions or ornaments 5. Natural patina of the metal or colouring by adding materials (paint, fabric, plastic)
<p>Technological requirements / Tools needed</p>	<p>The idea of the association is to offer techniques that are easily replicable at home. Therefore, no technical material is needed.</p>
<p>Why is this reuse/ recycle action considered good practice?</p>	<p>Not a lot of upcycling workshops target metal waste and Débrouille is one of the main stakeholders dealing with this issue in Paris. Its trainers are experienced and advocate for reuse of material offering them a second life.</p>
<p>Additional information (website, contact, references, etc.)</p>	<p>https://www.debrouille.com/</p> <p>Contact: info@debrouille.com</p>

<p>Combination ID</p>	<p>020</p>
<p>Country</p>	<p>France</p>
<p>Type of material</p>	<p>Metals</p>
<p>Organization / Institution / Association</p>	<p>Itinéraires : Direction Europe (ITINÉRAIRES)</p>
<p>Title / Name of the activity</p>	<p>Projet Métal, vos grammes en font des tonnes !</p>
<p>Abstract</p>	<p>Projet Métal brings together manufacturers, local authorities and national decision-makers committed to the collection and recycling of small,</p>

	everyday aluminum and steel packaging (aluminum coffee capsules, lids, fresh cheese and chocolate packaging, small cans, etc.).
Keywords	Metal recycling, household waste, awareness raising, selective waste sorting
Objectives	<ul style="list-style-type: none"> • Equip France's sorting centres with devices for sorting small metal packaging • Enable citizens to dispose of their used small metal packaging in the sorting bin • Improve metal packaging recycling
Methodology	<p>Projet Métal guides citizens in the disposal and recycling of metal wastes in France by providing practical information and techniques.</p> <p>For instance, in the project website, it is possible to find information about how household metal waste sorting centres work and why it is important to recycle it.</p>
Technological requirements / Tools needed	Projet Métal collects, sorts and recycles small aluminium and steel packaging (or packaging made partly of aluminium and steel) that is smaller than a yoghurt pot: aluminium coffee capsules, lids, fresh cheese packaging, aluminium foil, small cans, small tubes and so on.
Why is this reuse/ recycle action considered good practice?	<p>Since 2014, Projet Métal achieved the following goals:</p> <ul style="list-style-type: none"> • 2 French people out of 3 who can throw their small metal packaging directly into the sorting bin with the assurance that it will be recycled. • 6,800 tonnes of small aluminium packaging recycled by 2023 • 65 sorting centers equipped in France
Additional information (website, contact, references, etc.)	https://www.projetmetal.fr/