

19,2% = What could be re-used directly because as good as new or simply requiring a little cleaning

0,5% = What is actually prepared for re-use

39% = What could be prepared for re-use if going through repair operations

90,3% = Processed with recycling being the most prevalent form of treatment (78,8%)

42% = What cannot be prepared for re-use because too damaged

11% = Burnt in waste-to-energy centres

## Implementing the waste hierarchy thanks to the re-use of e-waste by social enterprises

Mathieu Rama | Senior Policy Officer  
Webinar | E-Waste World Virtual Summit 2020



MEMBERS



**AUSTRIA**  
RepaNet



**BELGIUM**  
• HERWIN  
(formerly KOMOSIE)  
• RESSOURCES



**BOSNIA AND HERZEGOVINA**  
Association  
Citizens "Hands"



**CROATIA**  
Humana  
Nova



**ESTONIA**  
Uuskasutuskeskus



**FINLAND**  
• Tramel  
• Kierrätyskeskus Oy



**FRANCE**  
• Emmaüs France  
• Envie



**GREECE**  
• Ecological  
Recycling  
Society  
• Klimax Plus



**HUNGARY**  
Humusz  
Szövetség



**IRELAND**  
• Community  
Resources  
Network Ireland  
• RECOSI  
• Rehab Recycle



**ITALY**  
• Associazione  
Orius  
• Cooperativa  
Sociale Insieme



**NETHERLANDS**  
Branchevereniging  
Kringloopbedrijven  
Nederland



**POLAND**  
EKON



**SLOVENIA**  
Dobrote  
z.b.o



**SPAIN**  
AERESS



**SWEDEN**  
Macken



**UNITED KINGDOM**  
• Reuseful UK  
Community  
• Resources Network  
Scotland



**USA**  
donateNYC



**PAN-EUROPEAN NETWORKS**  
Emmaüs Europe





# RREUSE NETWORK IMPACT 2018

RREUSE IS AN INDEPENDENT NON-PROFIT ORGANISATION REPRESENTING SOCIAL ENTERPRISES ACTIVE IN THE FIELD OF RE-USE, REPAIR AND RECYCLING

## 1 000 000 TONNES

[THIS IS EQUIVALENT TO THE WEIGHT OF 137 EIFFEL TOWERS]

OF MATERIAL DIVERTED FROM LANDFILL THROUGH RE-USE, REPAIR AND RECYCLING, WHICH INCLUDED:

**FURNITURE**  
200 000 TONNES  
collected

OUT OF WHICH ↓



**80 000 TONNES**  
re-used

**TEXTILES**  
260 000 TONNES  
collected

OUT OF WHICH ↓



**95 000 TONNES**  
re-used

**ELECTRICALS**  
290 000 TONNES  
collected

OUT OF WHICH ↓



**20 000 TONNES**  
re-used

**BOOKS & RECORDS**  
16 000 TONNES  
collected

OUT OF WHICH ↓



**5 500 TONNES**  
re-used

**BRIC-A-BRAC**  
30 000 TONNES  
collected

OUT OF WHICH ↓



**14 000 TONNES**  
re-used



**27 MEMBERS** ACROSS  
**25 EUROPEAN COUNTRIES**  
AND THE USA

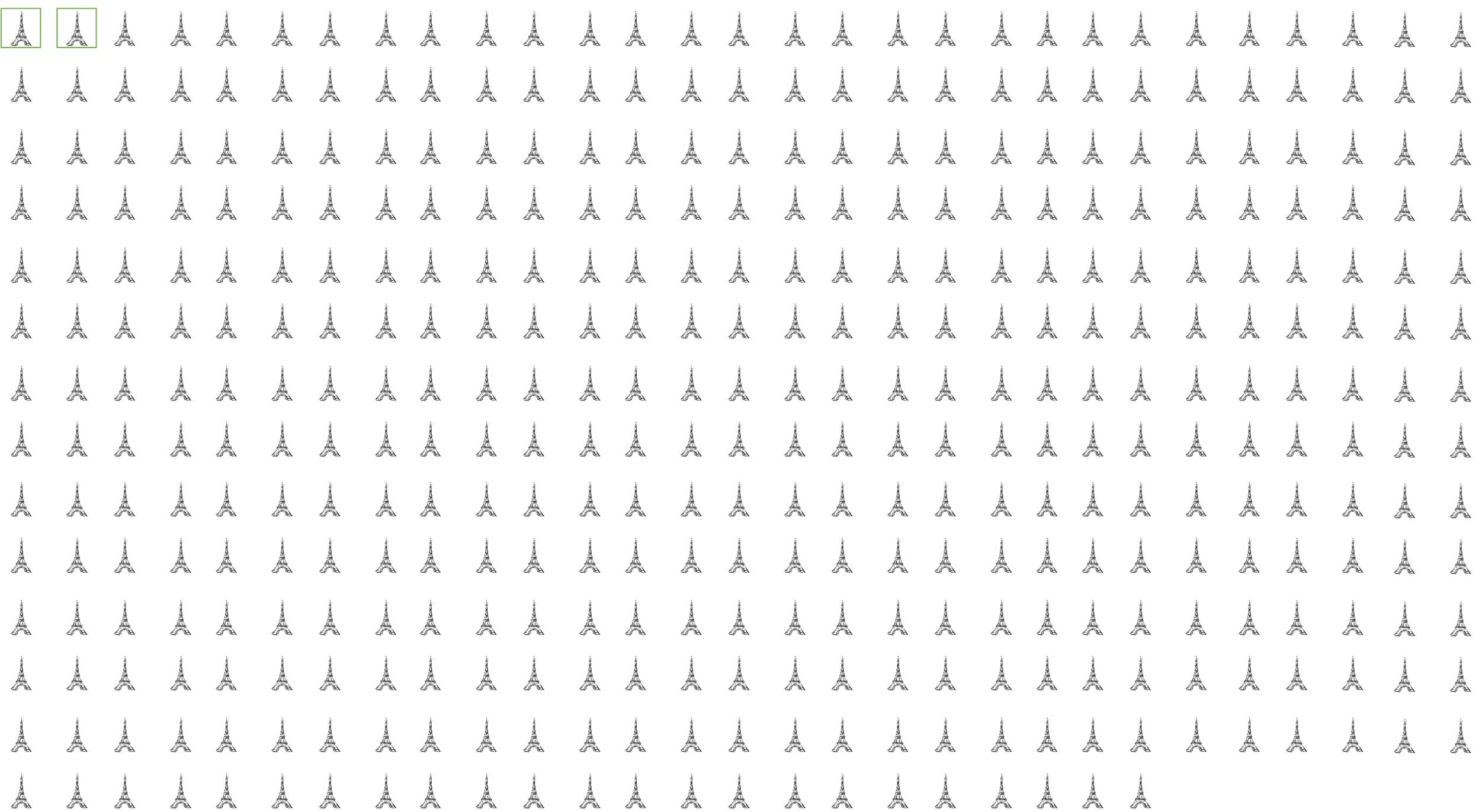
**850 SOCIAL ENTERPRISES**  
ARE PART OF RREUSE'S WIDER NETWORK

**95 000 EMPLOYEES,**  
**VOLUNTEERS AND TRAINEES**  
ENGAGED IN THE ACTIVITIES OF  
RREUSE'S MEMBERS

**2 000 SHOPS WELCOMED**  
**39 000 000 CUSTOMERS**  
[THIS IS EQUIVALENT TO SERVING THE  
WHOLE POPULATION OF POLAND]  
CONTRIBUTING TO AN OVERALL  
RREUSE MEMBER ACTIVITY  
**TURNOVER OF € 1 200 000 000**

RREUSE MEMBERS COLLECTED AND HANDLED **22 DIFFERENT MATERIAL STREAMS:**

FURNITURE, ELECTRICALS, TEXTILES, BOOKS & RECORDS, BRIC-A-BRAC, TOYS, DIY, BICYCLES, CONSTRUCTION MATERIALS, BIOWASTE, VEGETABLE OIL, FOOD DONATIONS, GLASS, PAPER, WOOD, PACKAGING & PLASTICS, METAL SCRAP, USED CARTRIDGES, BATTERIES, MATTRESSES, PAINT, OTHER MATERIALS



awareness raising campaigns, international projects, exchange of best practice and business support



# Integration of disadvantaged groups on the job market

**SANS ABRI  
GERANT**

Suite à de gros soucis d'argent, j'ai perdu mon logement et mon travail. Les Petits Riens m'ont soutenu, et ils ont lancé un grand défi: m'aider à relever une épave sociale. Aujourd'hui, voilà 10 ans que je le gère de A à Z.  
CLAUDE

LES PETITS RIENS SPULLEN HULP

**700 PERSONNES APPRENNENT UN MÉTIER**  
CHAQUE ANNÉE CHEZ LES PETITS RIENS  
• BE33-0000-1902-6346 • petitsriens.be

**INVALIDE  
VERKOOPSTER**

Ik ben bij Spullenhulp terechtgekomen na een ongelukkig ongeval. Ik had geen toekomstplannen meer. Ik ben dan begonnen als vrijwilliger in de herverkoop. Vandaag heeft mijn leven weer zin.  
CHANTAL

LES PETITS RIENS SPULLEN HULP

**700 MENSEN LEREN EEN VAK**  
ELK JAAR BIJ SPULLENHULP  
• BE71-0000-1437-2669 • spullenhulp.be

**95 000 EMPLOYEES,  
VOLUNTEERS AND TRAINEES  
ENGAGED IN THE ACTIVITIES OF  
RREUSE'S MEMBERS**



## JOB CREATION POTENTIAL 10,000 TONNES OF USED GOODS



1

Incineration



6

Land fill



36

Recycling



296

Re-use

Social enterprise creating skills for the circular economy

## Preparing for Re-use of Waste Electrical and Electronic Equipment (WEEE)

AERESS  
Spain



# **In Bavarian waste collection points, 86% of identifiable damage caused to WEEE is attributed to a lack of sufficient weatherproof roofing**

Potentials of preparation for reuse: A case study at collection points in the German state of Bavaria – 11/07/2018

Lukas Messmann, Sandra Boldoczki, Andrea Thorenz, Axel Tuma - Resource Lab, University of Augsburg

**Article 11 of the Waste Framework  
Directive provides that Member States  
shall take measures to promote  
preparing for re-use activities by  
facilitating access to waste held by  
collection schemes or facilities**

# WEEELove campaign



**Waste electrical goods need to be protected from rain or they can't be re-used**



**#WEEELove**



# WEEELove campaign

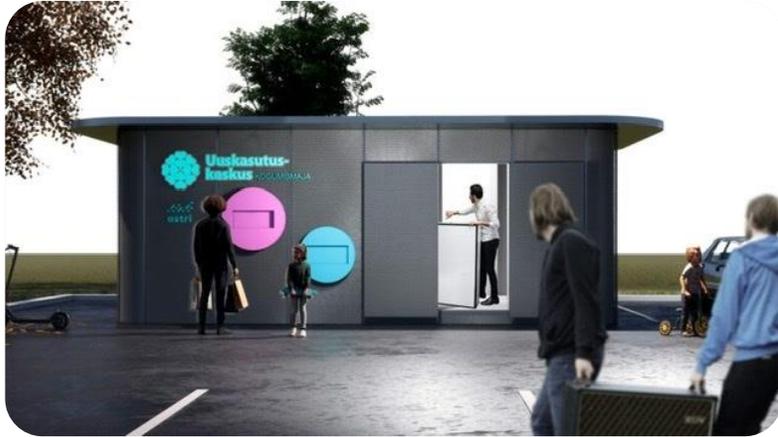


**Waste electrical goods need to be handled with care, or they can't be re-used**



**#WEEELove**





Astri Group and Uuskasutuskeskus (Estonia) developed a “collection house”



Re-Use container Schwadorf



Tandler Box in Wien



Laptop collectors Helsinki

# Policy

## Re-use targets at national level

- **Flanders, Belgium:** 7 kg re-used material per capita by 2022
- **Spain:**
  - 50 % preparing for re-use and recycling by 2020 of which 2% will be prepared for re-use
  - WEEE target: 3 % of large household appliances and 4 % of IT equipment to be prepared for re-use from 2018
- **France:** About to develop re-use and preparing for re-use targets, as well as a Solidarity Re-Use fund which will save 5% of the extended producer responsibility fee to operators from the social economy.

Benineko Bilketa eta Tratamendurako  
TRATAMIENTO TEMPORAL Y TRATAMIENTO DE RA...

# RECEPCIÓN Y CLASIFICACIÓN

RECEIVING GOODS AND SORTING

# Making repair & re-use easier and cheaper

Consumer goods are now less durable and repairable than in the past. RREUSE has investigated the increasing difficulties associated with attempting to repair modern electronic equipment including:

- Lack of access to and high costs of spare parts: costs of repair are higher than purchasing a new appliance
- Lack of appropriate repair information: no free access to service manuals, software and hardware of product and components
- Product design and components without re-use potential: new designs make it increasingly difficult to repair a product or components without breaking it.

Not only is this a serious environment issue but not being able to repair an appliance also puts at risk the economic viability of re-use and repair organisations.

**In Europe 77% of citizens would be willing to have their goods repaired but hardly ever do because it is too expensive for them to do so !**

# Making repair & re-use easier and cheaper

RREUSE is a member of the Right to Repair movement



We believe that products should be designed to last and to be repaired, and that as many people as possible should be involved: Repair activities should not only be conducted by repairers that are picked by manufacturers or retailers.

# Making repair & re-use easier and cheaper

## EU policy agenda

From March 2021 onwards, manufacturers of domestic washing machines and washerdryers, fridges, dishwashers and electronic displays will have to respect the following requirements:

- Designing their products so they can be **easily disassembled non-destructively**
- Ensuring that **key parts can be removed and replaced** without the need for proprietary tools
- Providing certain key spare parts to professional repairers under a **delivery period of 15 working days**
- Making repair manuals available to professional repairers, but in exchange for a 'reasonable fee'

The **Sustainable Product Policy Initiative** and the **Circular Electronics Initiative** announced in the new Circular Economy Action Plan should extend these requirements to other types of products.



they are sent to an authorised  
treatment operator to be recycled.

# Commercialisation

What is needed:

- Labels and warranties** to ensure good quality to clients
- Availability of **repair and maintenance booklets** (provided by manufacturers or developed by the reuse centre)
- More **communication**



# Commercialisation

## What could boost the sale of second-hand electronics?

### Public procurement:

- Public authorities in the EU are spending about **14 % of GDP** on public purchases.
- **55 % of procurement** procedures still use the lowest price as the only award criterion.
- Green Public Procurement should encourage the purchase of second-hand goods from social enterprises (computers in schools for example)

### Preferential taxation for re-use and repair activities:

- Ireland, Luxembourg, Malta, Netherlands, Poland, Slovenia, Finland: Sweden VAT reduction on minor repair services (including mending and alteration) of: Bicycles; shoes and leather goods;
- France: the collection and sales of used goods carried out by social enterprises are exempt from VAT because their activities are linked to the employment of disadvantaged and disabled persons
- More examples here: [https://www.rreuse.org/wp-content/uploads/RREUSE-position-on-VAT-2017-Final-website\\_1.pdf](https://www.rreuse.org/wp-content/uploads/RREUSE-position-on-VAT-2017-Final-website_1.pdf)

## Project Title

“Development and Demonstration of Waste Electrical & Electronic Equipment (WEEE) Prevention and Reuse Paradigms”

**Implementation** Duration  
January 2016 – June 2019  
(3,5 years)

## Project Objective

WEEE reduction and reuse strategy  
implementation

**Total** Budget

2.161.405 €

EC contribution 60%

LIFE+ Environment

## Action Areas

- Greece
- Belgium

<https://www.reweee.gr/en>

## Coordinator Beneficiary



## Co-Beneficiaries



Harokopio University of Athens



## Keep in touch!



RREUSE is on social media...



...and we do have a newsletter!  
sign up at [www.rreuse.org](http://www.rreuse.org)



# Interesting links

- [Preparing for Re-use of Waste Electrical and Electronic Equipment by Social Enterprise \(video\)](#)
- [Potentials of preparation for reuse: A case study at collection points in the German state of Bavaria](#)
- [RREUSE 2018 Impact & Activity Report](#)
- [Right to Repair campaign](#)
- [Position paper on Reduced taxation to support re-use and repair](#)
- [France to create a Solidarity Re-use Fund \(and other re-use friendly measures\)!](#)
- [WEEE preparation for re-use: Position on CENELEC standards for the sector](#)
- [Open letter: Google threatens existence of independent repair service providers](#)
- [Grab your tools! Today is Repair Day!](#)
- [EU leap toward the Right to Repair needs an extra push](#)
- [Opinion: Repairing electronics shouldn't be rocket science](#)
- [Poor handling of WEEE must be tackled](#)
- [Repair truck 'Tour de France'](#)
- [Longer-lasting white goods cut environmental impacts by 30% – study](#)
- [Spain first EU country to mandate re-use of electrical goods](#)
- [New French legislation pushes for longer-lasting products](#)

## Contact us:

 **EU Waste Framework Directive, Ecodesign, Repair, Standards, Waste Electricals (WEEE):**

Mathieu Rama: [mathieu.rama@rreuse.org](mailto:mathieu.rama@rreuse.org)

 **EU Social Affairs, Public Procurement, VAT:**

Elaine Hanlon: [elaine.hanlon@rreuse.org](mailto:elaine.hanlon@rreuse.org)

 **Potential memberships and partnerships, Textiles:**

Jana Zurkova: [jana.zurkova@rreuse.org](mailto:jana.zurkova@rreuse.org)