<table>
<thead>
<tr>
<th>Time</th>
<th>Session</th>
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<tbody>
<tr>
<td>1:30</td>
<td>Session 3: WEEE prevention and preparing for re-use in the EU</td>
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<tr>
<td>14:00 – 14:10</td>
<td>Welcome and short introduction</td>
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| 14:25 – 14:40 | The development of WEEE Sorting Centres in Greece  
Haris Angelakopoulos – ReWEEE Project Manager - Electrocycle |
| 14:40 – 14:55 | The preparing for re-use of WEEE in Spain with AERESS  
José Manuel Portas – Project Manager - AERESS |
| 14:55 – 15:10 | The role of social enterprise in WEEE prevention and re-use  
Mathieu Rama – Senior Policy Officer - RREUSE |
| 15:10 – 15:30 | Q&A Session  
Moderated by Mathieu Rama - RREUSE |
19,2% = What could be re-used directly because as good as new or simply requiring a little cleaning

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

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

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

11% = Burnt in waste-to-energy centres

Statistics collected in WEEE collection points in Bavaria (2016)

What is actually happening in Germany (2015)

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

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
The role of social enterprise in WEEE prevention and re-use

Mathieu Rama | Senior Policy Officer
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
TEXTILES 260 000 TONNES collected
ELECTRICALS 290 000 TONNES collected
BOOKS & RECORDS 16 000 TONNES collected
BRIC-A-BRAC 30 000 TONNES collected

OUT OF WHICH:

80 000 TONNES re-used
95 000 TONNES re-used
20 000 TONNES re-used
5 500 TONNES re-used
14 000 TONNES re-used

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

(THESE ARE EQUIVALENT TO SERVING THE WHOLE POPULATION OF POLAND)

CONTRIBUTING TO AN OVERALL RREUSE MEMBER ACTIVITY TURNOVER OF € 1 200 000 000

27 MEMBERS ACROSS 25 EUROPEAN COUNTRIES AND THE USA

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
JOB CREATION POTENTIAL
10,000 TONNES OF USED GOODS

1
Incineration

6
Landfill

36
Recycling

296
Re-use

Source of data: US EPA (2002) and the Institute for Local Self Reliance; Icons by Freepic – CC license
LIFE RE-WEEE Project

Action B.1:
Design and Development of Methodologies and Tools for Measuring Re-Use Preparation
Background of the Study

Deliverable B1.1: “Mapping of the Currently Applied Methodologies for Re-use and Preparation for Re-use of WEEE’ across EU Member – States”

Three (3) sets of questionnaires were formed and distributed to:

- National and/or Regional Re-use Centres Networks
- Local Re-use Centres Networks
- Individual Re-Use Centres
- Producer’s Responsibility Organizations (PROs)
- Local Authorities & Waste Agencies
Background of the Study (2)

**Deliverable B1.2:** “Comparative Analysis Report of Existing Measures Used in the European Union”

From a total of 28 responses representing at least 363 entities (from 12 EU-countries), 18 respondents (from 7 EU-countries and representing at least 255 entities) were selected based on the validity and inclusiveness of adequate data for:

- Mapping the procedures’ chain of each applied (W)EEE Re-use (& Recycle) methodology.
- Identifying the involved actors.
- Extracting information on how the re-use & preparation for re-use ratios are measured.
- Quantitative & qualitative performance indicators on (W)EEE separate collection & REWEEE production.
Integrated Methodology - Structure

**Design:** Merging of Differences into One Single Methodology that Integrates All Applied Ones

**Modeling & Visualization:** Correlation of Procedures & Transactions Among All Involved Actors & Stakeholders

**Integrated Methodology – Overall Structure:**
- (W)EEE Applied Delivery – Collection Schemes (CAS, D2DC, WCPs and DIYD)
- (W)EEE Management Facilities
  - Temporary Storage (sorting & weighting)
  - REWEEE Processing – Preparation for Re-Use
  - REWEEE Trading – Donating Stores
- Points of Calculation & Mathematical Formulas (as baseline for the development of Demo Tool)
Action B.1.3: Electronic toolkit formation for the methodology application in a user-friendly format:

- Instructions have been developed
- A demo will be developed in Greek, English and French
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.
WEEE Love campaign

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

#WEEE Love
WEEELove campaign

Waste electrical goods need to be handled with care, or they can't be re-used
Astri Group and **Uuskasutuskeskus** (Estonia) developed a “collection house”

Tandler Box in Wien

Re-Use container Schwadorf (**Repanet** - Austria)

Laptop collectors Helsinki (**Kierratyskeskus**)
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.
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 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.
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**
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
Keep in touch!

RREUSE is on social media...

...and we do have a newsletter!

sign up at 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:

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