

ZERO WASTE EUROPE LIVE!

7 May 2019 - 2pm CET

SETTING UP A REUSE STRATEGY FOR THE CITY

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Local Benefits of Repair and Reuse

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RREUSE: European association representing 28 national/regional networks of social enterprises active in re-use, repair and recycling activities

RREUSE NETWORK IMPACT 2017



1,000,000 TONNES

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

**160,000 EMPLOYEES,
VOLUNTEERS AND TRAINEES**



ENGAGED IN THE ACTIVITIES OF
RREUSE'S MEMBERS



**7,000 SHOPS WELCOMED
40,000,000 CUSTOMERS**

CONTRIBUTING TO AN OVERALL
RREUSE MEMBER ACTIVITY
TURNOVER OF € 1,400,000,000

Products and materials separately collected and (prep for) reuse by RREUSE members



1,000,000 TONNES

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



FURNITURE

270,000
TONNES
collected

OUT OF WHICH



140,000
TONNES
re-used



TEXTILES

280,000
TONNES
collected

OUT OF WHICH



100,000
TONNES
re-used



ELECTRICALS

300,000
TONNES
collected

OUT OF WHICH



35,000
TONNES
re-used



BOOKS & RECORDS

30,000
TONNES
collected

OUT OF WHICH



6,500
TONNES
re-used



BRIC-A-BRAC

25,000
TONNES
collected

OUT OF WHICH



11,000
TONNES
re-used

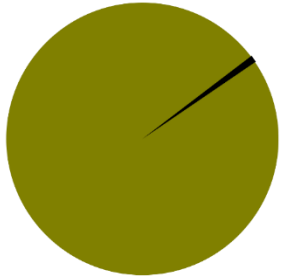
OTHER STREAMS INCLUDED BICYCLES, CONSTRUCTION
MATERIALS, BIOWASTE, GLASS, PAPER, PLASTICS AND WOOD

rreuse

Environmental and social benefits of re-use

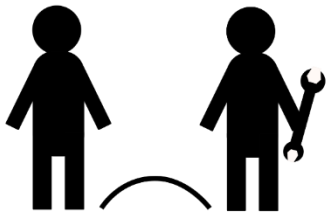
1/3

of goods collected at waste recycling centres are **still re-usable** and could be sold second-hand instead of being recycled or landfilled¹



200 000 local jobs

could be created if **1%** of municipal waste in Europe was prepared for re-use²



12 000 €

net return to government and society for the reintegration of **one unemployed person** through working at a social enterprise³

1 rx3 (2013) All Island Bulky Waste Reuse Best Practice Management Feasability Study

2 RREUSE (2015) Briefing on job creation potential in the re-use sector

3 SST (2015) Sociale tewerkstelling insynergie met de reguliere economie

JOB CREATION POTENTIAL

10,000 TONNES OF USED GOODS



1

Incineration



6

Land fill



36

Recycling



296

Re-use

Source: US EPA (2002) and the Institute for Local Self Reliance



The Boiler House
Ballymun, Dublin



The reuse of the old Ballymun Boiler House showcases the environmental and economic benefits that come from seeing waste as an opportunity.

The building is a novel interactive experience and learning environment designed to stimulate curiosity in the natural, physical and cultural environment and promote sustainable living for the circular economy.

Sustainable Community building

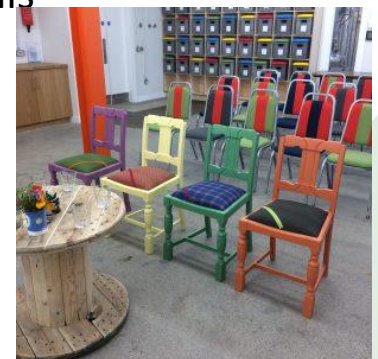
In 2017 estimated that 8000 - 9000 people visited the Rediscovery Centre.
Outreach activities to an additional 5838 students of all levels.

Rediscover fashion

social enterprise, produces 100% redesigned and repurposed, clothing, accessories and homeware ranges, teaches the public repair and reuse skills through interactive workshops and talks

Rediscover furniture aims to bring new life to old furniture.

Furniture courses, reuse, restoration, sales





The Boiler House
Ballymun, Dublin



Rediscover paint collects paint from the recycling centres and sells the recycled paint in our Eco Store for €1/1 Litre. The aim is to divert paint from disposal/incineration and provide affordable paint for reuse to the public and community organizations.

Rediscover Cycling Bikes collected from the recycling centres, revamped to be sold. Provides on-site bike clinics to corporate and other organisations to promote sustainable transport

Diverted 12229kg of waste in 2017

In 2018, **employed** 74 people : 36% from “disadvantaged groups”, primarily long term unemployed on progression training placements

Funded by

Dublin City Council for employment progression placements

The EPA and the Department of Communication, Climate Action and the Environment for the delivery of circular economy activities at a national level.





Helsinki Metropolitan Area Reuse Centre Kierrätyskeskus

Helsinki Metropolitan Area Reuse Centre, Kierrätyskeskus, provides an alternative to single-use culture.

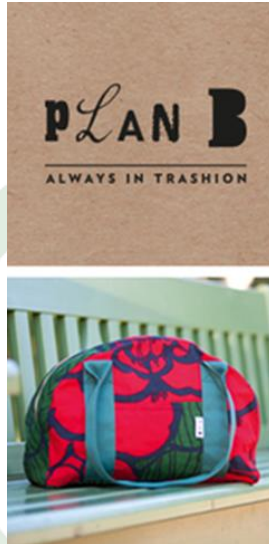
Non-profit organization

Collects and receives fit for reuse donations, reuse shops in Vantaa, Espoo and Helsinki, delivery services

56% reused 32% recycled.

Plan B – Line of upcycled products

Plan B is a unique line of upcycled products locally handmade using only recycled materials. Includes clothes, accessories, furniture and interior design items.



Environmental education

60 000 people annually, educating kids, adults, educators and businesses. Including events and providing educational materials



Helsinki Metropolitan Area Reuse Centre Kierrätyskeskus

Employs 480 people: 310 permanent 170 in other form of work relationship

local customers: purchasing transactions /customers 700 000

people taking free items 120 000 customers

4,3 million items - about 2.9 M sold and 1,4 given away for free



Co-operation with local authorities:

Helsinki Metropolitan area is co-owner

Work integration activities

And PlanB has some agreements with cities
to refurbish old school desks

And we can use training and expertise Helsinki city offers to agencies and subsidiaries
Helsinki gives a guarantee to our bank account with credit possibility



Natural resources preserved through reuse



46,5
Million kilos of solid
natural resources

equals the annual
natural resources
consumption of
1160
Finns.



3,1
million cubics of
water

equals the annual
water footprint of
2220
Finns.



Air consumption of
12 600
tons

equals the annual
CO2 emissions of
1220
Finns.

The growth of natural resources preserved was 3,6 % compared to year 2017.



Kierrätys-
keskus

Managing WEEE

Network of 50 social enterprises in France working in re-use and recycling of WEEE

- 150,000 tonnes WEEE collected (1/4th generated in France)
- 102,000 appliances refurbished / year (2016)
- 2,500 people employed (>80% distanced from labour market) / 64% of those on insertion contracts leave ENVIE with either a new job or further training

Envie autonomie

- Developing work in the reuse of a new waste stream
- Collection
- Repairing and refurbishing old medical equipment
- Sale
- Service, maintenance, repair, spare parts
- Delivery



“Development and demonstration of Waste Electrical and Electronic Equipment (WEEE) prevention and reuse paradigms”

Partners:

**Appliances Recycling (PRO),
Hellenic Recycling Agency,
Green Fund,
Harokopio University,
Ecological Recycling Society,
RREUSE**

Key Actions:

Setting up the two first sorting and classification centres for preparation for reuse

setting prerequisites and standards

collection from retailers

sorted and classified

IT screens(not CRT) small household appliances.

Attica sorting centre 1000 tonnes/year capacity – 200 tn prep for reuse – 20 employees in the sorting centre ...

Oraiokastro sorting center 500 tonnes/year capacity 100 tn prep for reuse



- ❖ **Comparative analysis of existing calculation methods across EU**
- ❖ **Proposal for a calculation method for reuse of EEE and preparation for reuse of WEEE application in Greece of this calculation method.**
- ❖ **On-line platform in English and Greek for exchange of EEE**
- ❖ **Repair cafes in Greece.**

PUT SECOND HAND FIRST



THANK YOU !!!

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www.rreuse.org

www.reweee.gr/en