

A NEW LIFE FOR E-WASTE

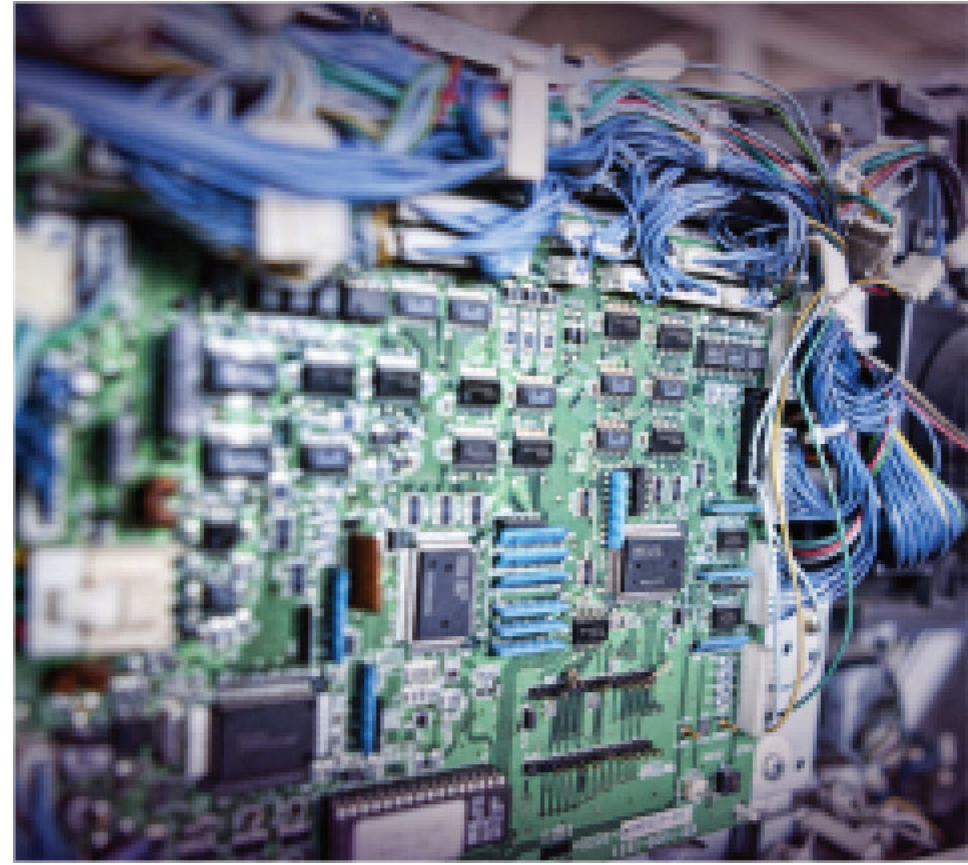


A new life for e-waste

E-waste is the world's fastest growing waste stream and more than 56.2 million metric tonnes come on the market every year. Less than 20% of electronic waste is officially recycled, 80% of it ends up either in the waste deposit, or is informally recycled.

GreenWEEE, part of Green Group, has been giving life to e-waste for more than a decade, being one of the leading S-E and Central Europe players, focused on the collection, treatment and recycling of waste electrical and electronic equipment (WEEE), cables, batteries and automotive components.

We are the the first plant in Europe to be handed out an attestation under the pilot WEEELABEX trial audit in 2012, today being certified for 4 treatment flows.

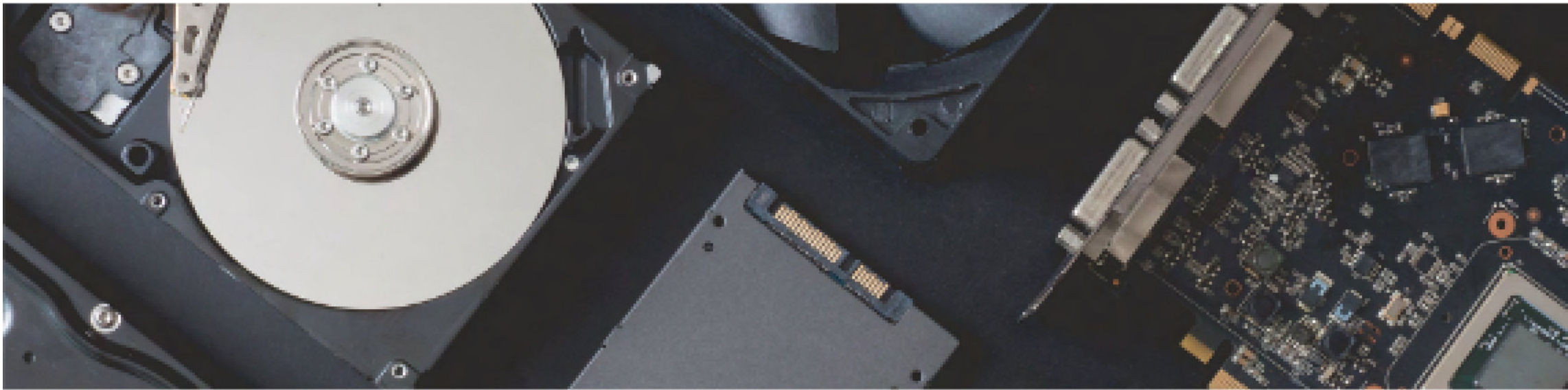


In our facilities, in Buzau and Campia Turzii, **over 100,000 tons** of electrical and electronical equipments become, each year, a source of secondary raw materials.



Resources for a circular economy

We recover and regenerate e-waste and materials at the end of life, reducing the reliance on virgin materials.



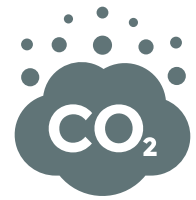
Our activity is based on three principles of Circular Economy:



combating waste and environment pollution



keeping products and materials in use



carbon efficiency.

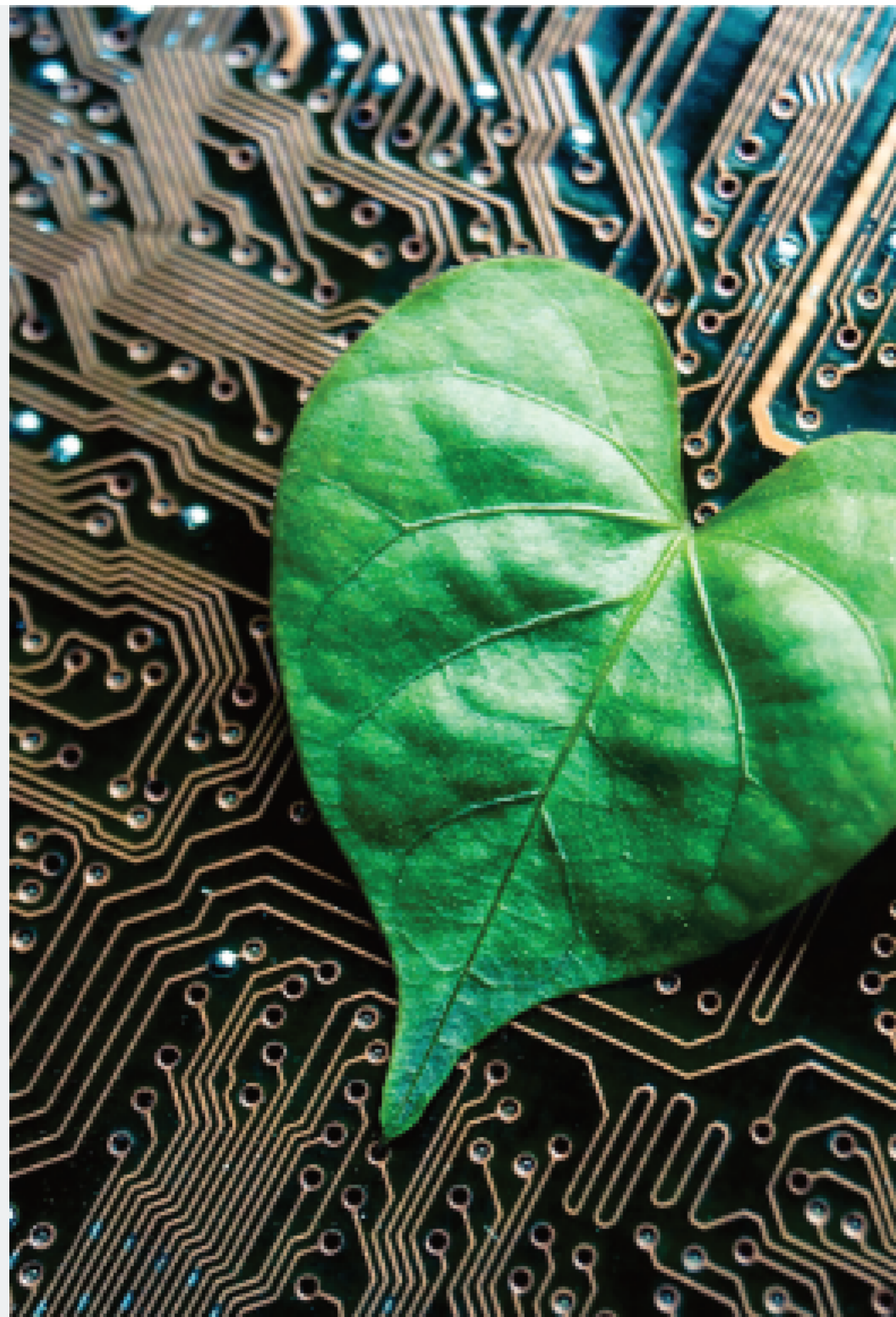
We recover over 98% of materials, we 'close the loop', contributing to the conservation of natural resources and promoting circular economy.

Electronic waste is becoming increasingly valuable as a secondary raw material used in the manufacturing of new products.

We recover over

98%

of materials



Value to your company



GreenWEEE has the highest capacity and utilizes most technologically advanced equipments for e-waste recycling in Romania.



Our treatment and recycling methods **ensure the highest levels of raw material recovery rates.**



We are WEEELABEX audited and ISO 9001, 14001 and 45001 certified facilities. Using recycled commodities is your foremost proof of social responsibility and sustainability.



Products

METALS

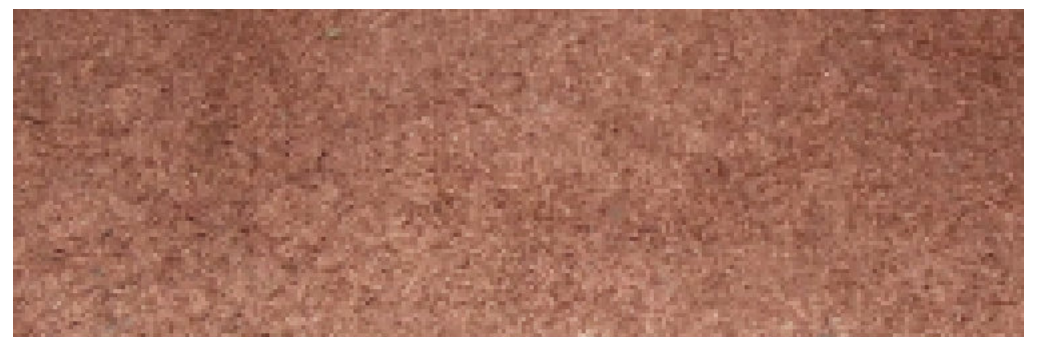
copper



Copper wire type CuB1

Description:

copper granules from cable processing;
particle size between 2-4 mm



Copper wire type CuB2

Description:

copper thread from cable processing;
particle size between 2-4 mm



Copper from filters type CuB2

Description:

copper pieces



Copper from compressors type CuB3

Description:

wire copper parts

Products

METALS

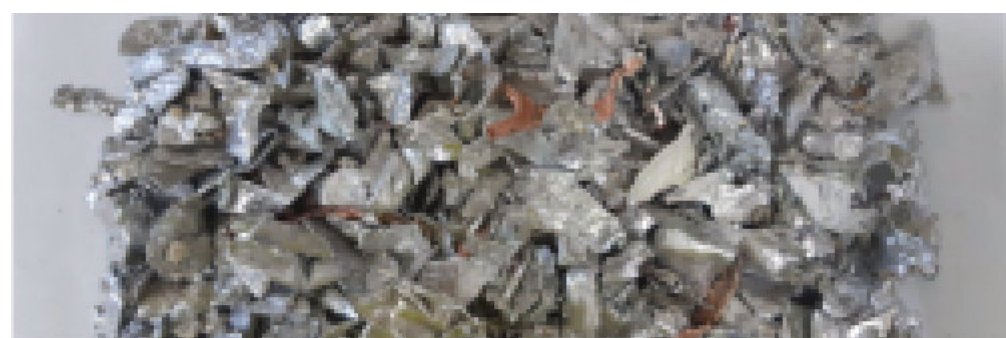
aluminum



Aluminum from cables (TALL)

Description:

aluminum granules from cable processing;
particle size between 2-4 mm



Shredded aluminum from refrigerators (TALE)

Description:

containing minimum 85% aluminum;
fragments <40mm



Shredded aluminum from washing machines (TWITCH)

Description:

containing minimum 85% aluminum;
fragments <40mm



Shredded aluminum from different WEEE (TWITCH)

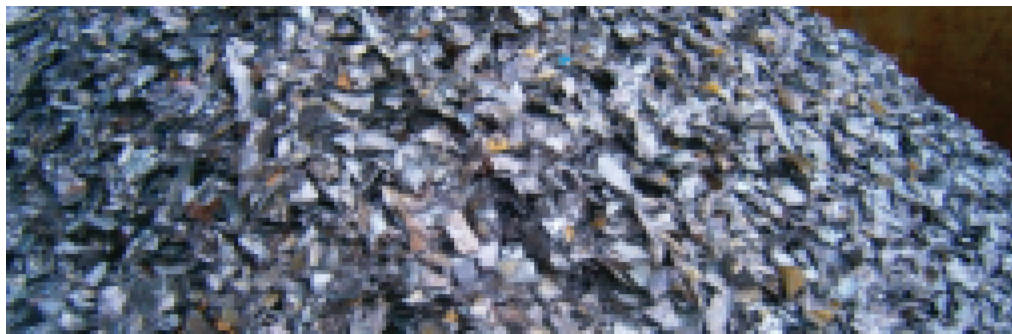
Description:

containing minimum 85% aluminum;
fragments <40mm

Products

METALS

Ferrous



Shredded iron from refrigerators

Description:

containing minimum 97% iron;
fragments with maximum size of 150 mm

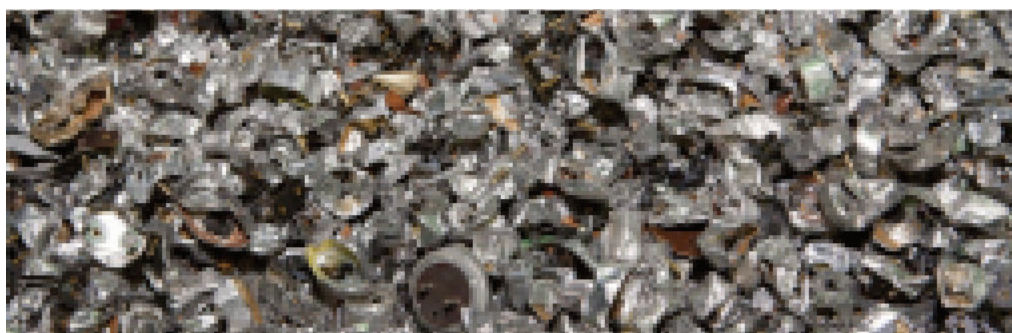


Iron from WEEE

Description:

iron fragments with different shapes
and dimensions

Non-ferrous



Non-ferrous metals from lamps

Description:

fragments of non-ferrous metals
representing the lamps socket



Products



Shredded printed circuit boards from WEEE

Description:

containing copper and precious metals (Au, Ag and Pd), particle size <30 mm

COMPONENTS



Radiators

Description:

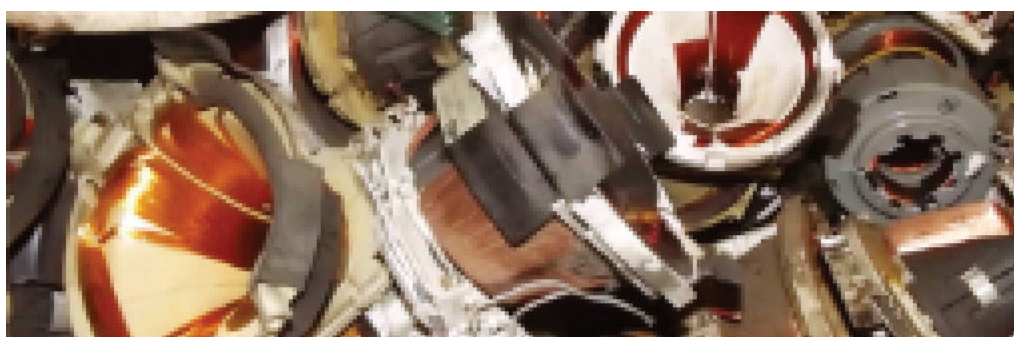
containing copper, aluminum and iron



Mix material from WEEE (heavy weight fraction)

Description:

containing copper and precious metals (Au, Ag and Pd), particle size <8 mm



Deflection coils

Description:

components from WEEE containing ferrous and non-ferrous metals



Electric motors

Description:

components from WEEE containing ferrous and non-ferrous metals

Products

PLASTIC



Shredded plastic from refrigerators

Description:

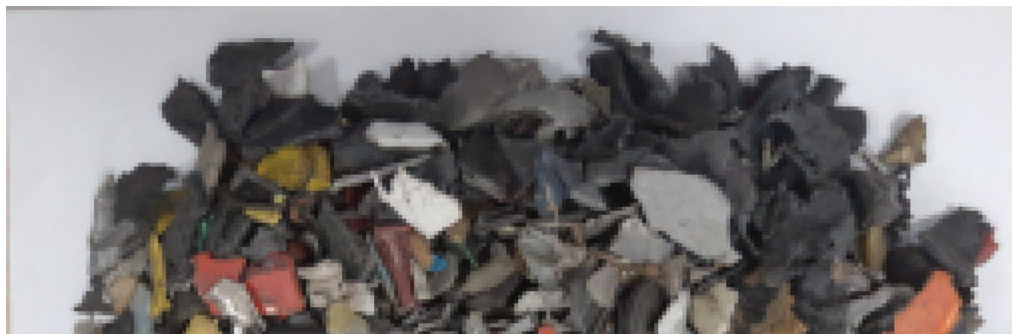
mixture of waste plastic
(mostly PS and ABS)



Shredded plastic from washing machines

Description:

mixture of waste plastic (PP with talc, PP+GF),
particle size <30 mm



Shredded plastic from small WEEE

Description:

mixture of waste plastic (ABS, PS, PP etc.),
particle size <30 mm



Shredded plastic from printers

Description:

mixture of waste plastic (ABS, PP, PS etc.),
particle size <30 mm

Products

PLASTIC



Shredded plastic from telecom equipment

Description:

mixture of waste plastic (ABS, PP, PS etc.),
particle size <30 mm



Plastic from TV and monitors

Description:

baled casings



Shredded plastic from FPD

Description:

mixture of waste plastic (PP with talc, PP+GF),
particle size <30 mm



PVC from cables

Description:

mixture of PVC and PE,
particle size between 2-4 mm

Products

GLASS



Glass from WEEE

Description:

from washing machines and refrigerators treatment;
colour: transparent; particle size: <150mm



Glass from lamps

Description:

from lamps treatment; colour: transparent
or opaque; particle size: <40mm

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