Home Appliances Material Flows Circular Society

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Large home appliances

Small Home Appliances

Home Comfort Appliances



APPLiA Membership







The Home Appliance Industry in Europe in 2016

















202.089* Number of direct employees * figure doesn't include Turkey



889.192 Number of direct & indirect employees



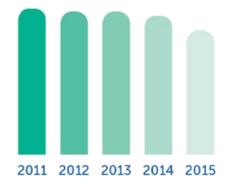
€ 32.373* Wages & salaries * 2015 data, per employee



A circular industry from the outset

Reduction of impact in production process

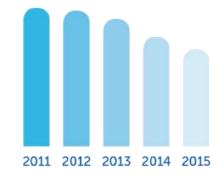








Reduction in waste generation during production, 2015-2011



-30% Reduction in water consumption during production, 2015-2011 2011 2012 2013 2014 2015



-13% Reduction in energy consumption during production, 2015-2011

10

Appliances = Savings



Cutting-edge technologies





Water savings: 6.142 billion

litres/year



Saving resources: water & energy

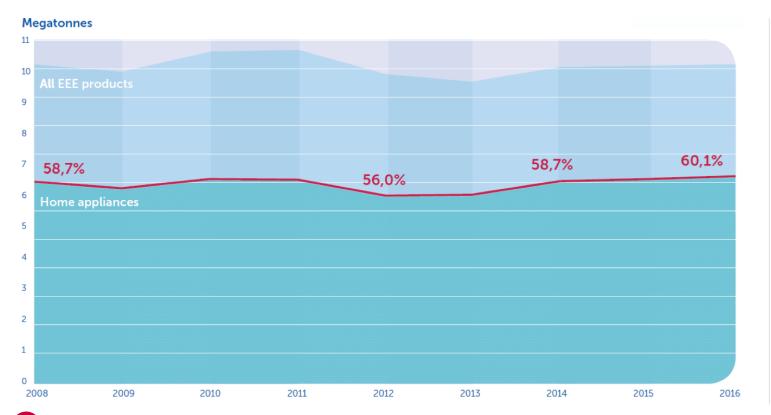






Electrical & electronic equipment placed on the market in the EU





14

Home appliances penetration rate



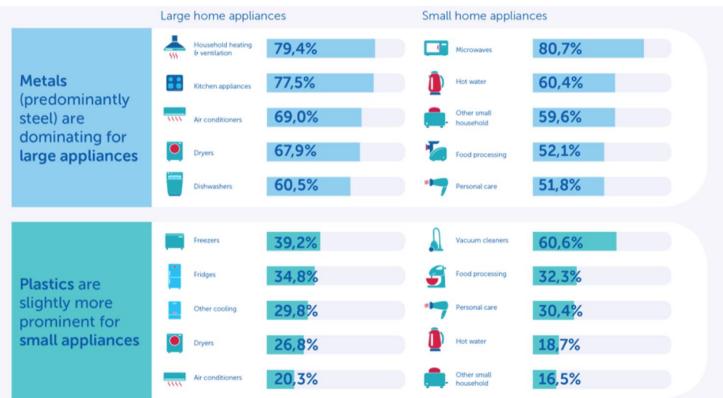
Quantities of individual materials used by the home appliance sector



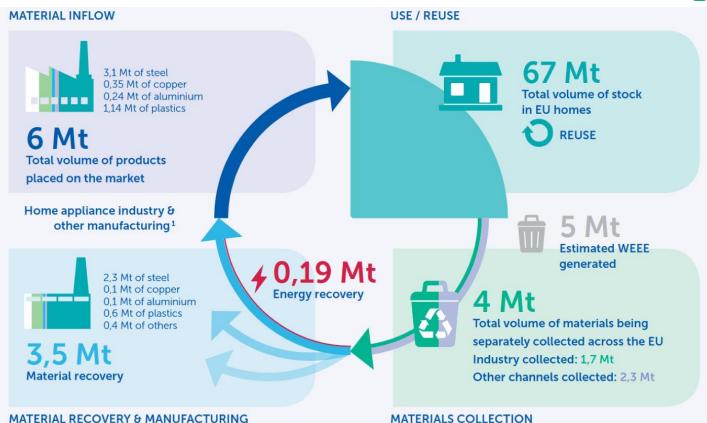


Average material composition of home appliances





Circularity of material flows



MATERIAL RECOVERY & MANUFACTURING

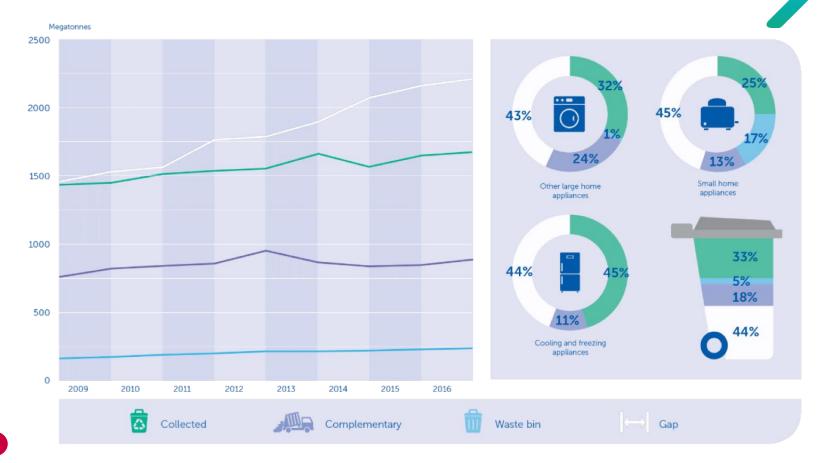
Home Appliances >50% of WEEE

- WEEE Directive fundamentally changed state of affairs of recycling of appliances in short time
- Home appliances represent largest share of WEEE waste streams in Europe
- Heavy investments in recycling infrastructure in last 20 years



Facing circular challenges

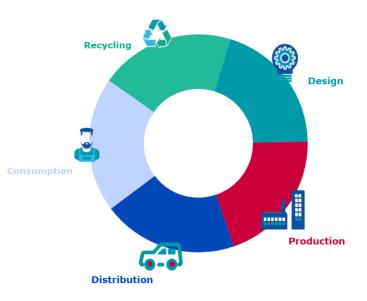
EU Home Appliance WEEE Flows



Recycling & recovery of home appliance WEEE



Value Chain Cooperation





Time lag between manufacturing & recycling



Constant evolution of chemical legislation



Information for recyclers

The one-stop shop for recyclers

◎.I4R-platform

WEEE Recycling information

The I4R platform provides treatment and recycling facilities and preparation for re-use operators with access to WEEE recycling information in line with the requirements of Directive 2012/19/EU.

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Industry Code of Conducts

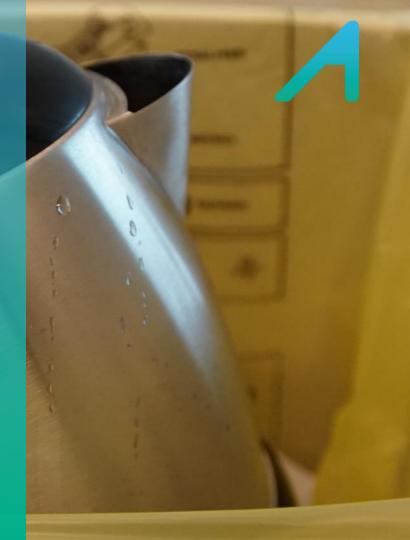


Enforcement & a level playing field ds pment

Re-use/ Treatment

CENELEC

Improving the collection & recycling of smaller appliances



The role of consumers



One goal: #CircularSociety

Circular society

MADE ALSO AT HOME. BY YOU, BY US.

Get in touch www.circularsociety.eu

Thank You

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