

ISTITUTO COMPRENSIVO STATALE 1 LIVELLO



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Erasmus+



 **indire**
Istituto Nazionale di Documentazione,
Innovazione e Ricerca Educativa

**PROGRAMMA ERASMUS + KA2 Partenariati Strategici
“ Save Today – Survive Tomorrow”**

Codice attività 2014-1PL01-KA201-002831_5

CUP: J18I14000100005

PIC of Organisation 944569123

Paper and cardboard

The recycling of millions of tons of paper, has helped to reduce the waste crisis and emissions of carbon dioxide in the atmosphere.

Paper recycling



The collected material is chopped and mixed with hot water, separated from impurities and mixed with virgin pulp in different quantities depending on the future use (photocopy paper, corrugated cardboard for foods, drawing paper).





1000 kg of recycled paper =
938,200 liters of water saved



The steel

L The steel is an alloy of iron and other metallic elements and non-metallic.

40% of world production is made from recycled materials.



Crop and clean, the steel is reduced in pieces, separated from the pond to then be remelted and processed into new steel. For the production of vehicles, appliances, rails, beams.

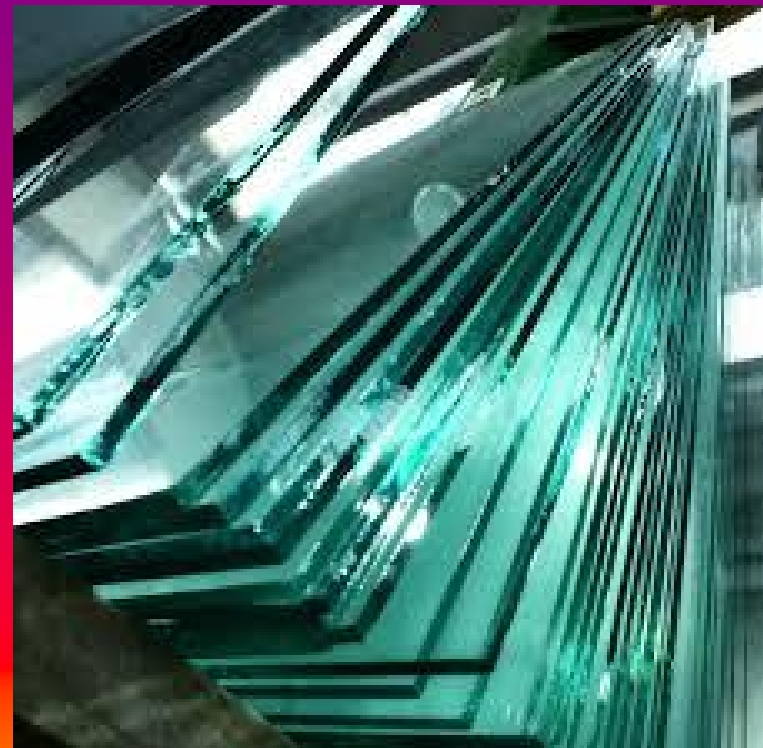


19,000 cans of steel = car



Glass

Glass can be recycled
many times without losing
its characteristics.
It is 100% recyclable



Recycling means limit the consumption of raw materials, save energy and reduce greenhouse gases in the atmosphere

In Italy 60% of glass bottles is produced with the recycled



The insertion of shards of recycling in the glass paste allows the use of lower melting temperatures.

350 g of broken glass bottle = 1



Wood

Recycle timber means reducing deforestation and carbon dioxide emissions.





The carbon dioxide results from the decomposition of waste and strains left on the ground

The recycled wood and past can be used as fuel.



Wood waste can not be recycled can be sent to energy plants to produce heat and power



Plastic



Bottles and bottles in PET and PE can be reborn to new life in the form of textile fibers.

20 plastic bottles = a garment fleece



Aluminum

Aluminium is a recyclable material



recycling it saves 95% of energy
required to produce it from raw
materials.



150 aluminum cans = 1 bike



