

Did you know?

RECYCLING SAVES ENERGY

Every time a new product is made from raw materials, large amounts of energy are consumed. Reduce your consumption of new products and packaging: buy recycled or used when you can. Consider repurposing, repairing or reusing whenever possible. Recycle whatever is left. Recycling uses less energy, raw materials and fossil fuels. *That* reduces greenhouse gas emissions!

ENERGY IS USED IN THE STAGES OF PRODUCT DEVELOPMENT:

5

EXTRACTION OF RAW MATERIALS →

MANUFACTURE OF RAW MATERIALS INTO PRODUCTS ↙

DISTRIBUTION OF PRODUCTS TO CONSUMERS ↘

PRODUCT CONSUMPTION →

PRODUCT DISPOSAL

ENERGY PLAYS A ROLE IN ALL 5 STAGES. KNOCK OUT ONE OF THESE STEPS BY RECYCLING AND YOU HAVE SAVED ENERGY!

LINEAR ECONOMY MODEL

When we consume



REFUSE, REDUCE, REUSE, REPAIR AND RECYCLE: YOU CAN SAVE ENERGY!

BUY LESS = LESS  +  +  +  + 

REUSE = LESS  +  +  +  + 

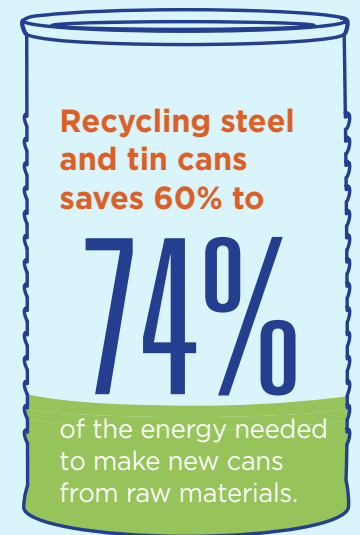
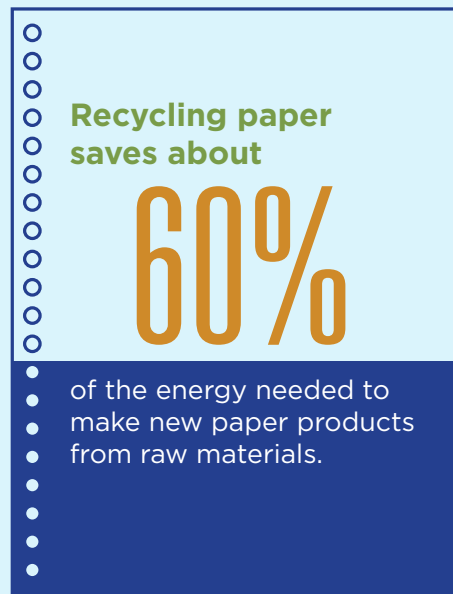
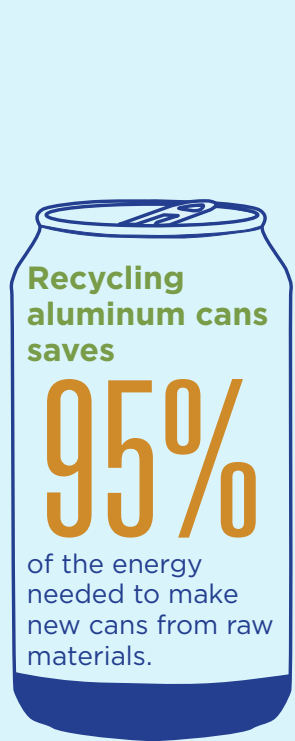
REPAIR = LESS  +  +  +  + 

BUY MINIMAL PACKAGING = LESS  +  +  + 

RECYCLE RIGHT = LESS  +  + 

BUY LOCAL = LESS 

ENERGY SAVED USING RECYCLED VS. RAW MATERIALS



Source: Institute of Scrap Recycling Industries. (2018). 2018 Recycling Industry Yearbook. Retrieved from <http://www.scrap2.org/yearbook/>



The N.C. Division of Environmental Assistance and Customer Service (DEACS) is a non-regulatory division of N.C. DEQ offering technical and financial assistance to businesses, manufacturers, local governments, institutions, economic developers and citizens in environmental management. For questions, call 1-877-623-6748. www.recyclenc.org

