

Did you know?

RECYCLING SAVES ENERGY

Extracting raw materials to make new products uses large amounts of energy, which comes from burning fossil fuels. Manufacturing products from recycled material eliminates the energy needed to extract more raw materials, translating to fewer fossil fuels burned and a reduced climate change impact.

Reduce your consumption of new products and packaging by buying recycled or used products. Consider repurposing, repairing or reusing products instead of buying new ones. Recycle right and refuse single-use packaging to be part of the circular economy!

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

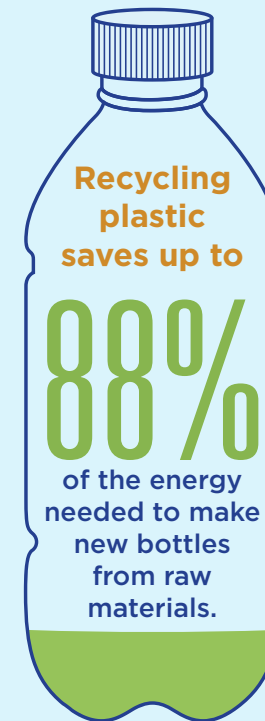
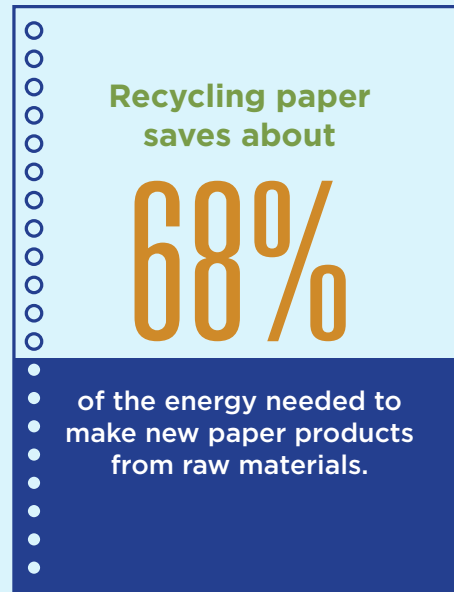
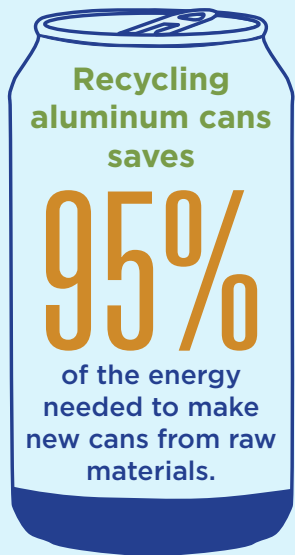
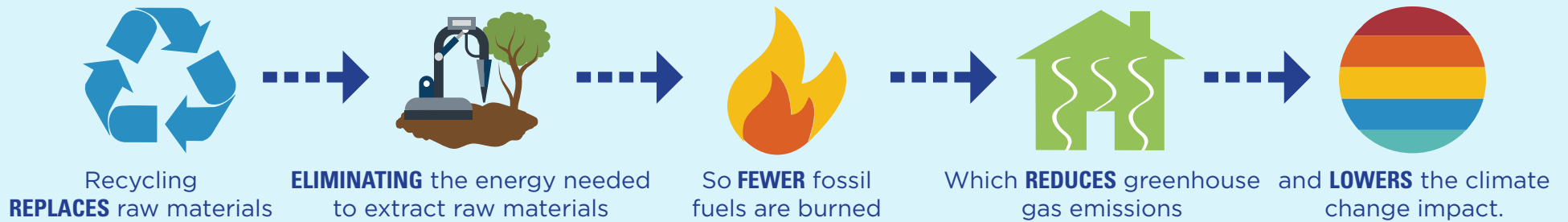
Knock out the first step by recycling and you have saved energy and natural resources!

LINEAR ECONOMY MODEL

When we consume



ENERGY SAVED USING RECYCLED VS. RAW MATERIALS



Source: Institute of Scrap Recycling Industries 2019 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

