

ALUMINUM ADVENTURE

Featuring Fran the Can from The Big Sort

A **LRS** Recycling Journey



ALUMINUM RECYCLING FACTS

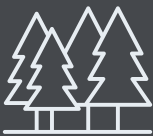
LRS recycles over 10 million pounds of metal per year! That's the same as...



Powering 4K+ gas vehicles for one year



Powering 2K homes' electricity for one year

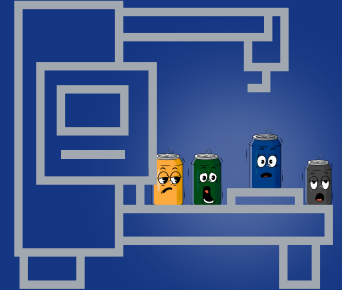


Planting 2K+ acres of new forest



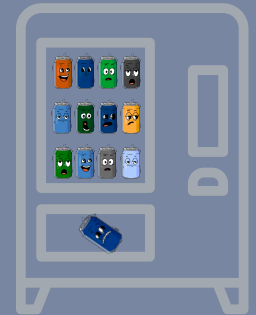
A CAN IS BORN

- Made from aluminum, the earth's most plentiful metal
- Cans can be recycled over and over again, thanks to companies like LRS



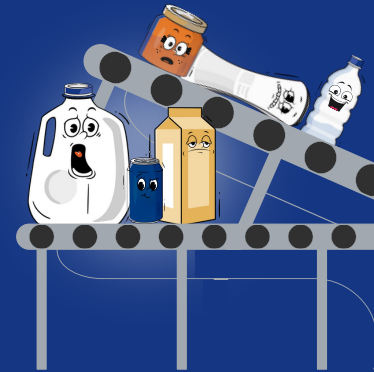
STORE TO SIP

- Aluminum cans are found in grocery stores, gas station and vending machines
- When empty, throw the empty can in the recycle bin to begin the recycling transformation



SIP TO SORT

- The can is taken to a Material Recovery Facility (MRF for short)
- The can travels for miles on conveyor belts before being sorted from other materials by a robot or a magnetic field called an eddy current



RECYCLING ROAD TRIP

- The can is smooshed in a machine called a baler to make one large cube of aluminum
- The cube is sent to a factory in North America that melts it and turns into a new aluminum item



METAMORPHOSIS OF METAL

- A significant portion of US aluminum is recycled
- Recycling aluminum uses 5% of the energy that's needed to make a new can from scratch

