



RECYCLING

BACKGROUND



Definition Of Recycling

- Recycling is the process of converting non-useful and waste products into new products that are useful for humans.
- It helps to save materials, lower greenhouse gas emissions, prevent waste, and reduce energy use, air pollution, and water pollution.



About Recycling's

HISTORY





History

In 1032 AD

In 1031 A.D., the first evidence of recycling was recorded. The Japanese shredded their old documents and records, and remade them into new sheets of paper; selling them through mom-and-pop stores around the country. All over the world, people often reused the containers their goods came in as a way to save money.

In 1354 AD

In 1354, King Edward III implemented ‘rakers’; people who were hired to remove trash from the streets on a weekly basis. These rakers brought the waste to the Thames River to dump it. In 1388, Britain outlawed the disposal of waste in public waterways and ditches.





History

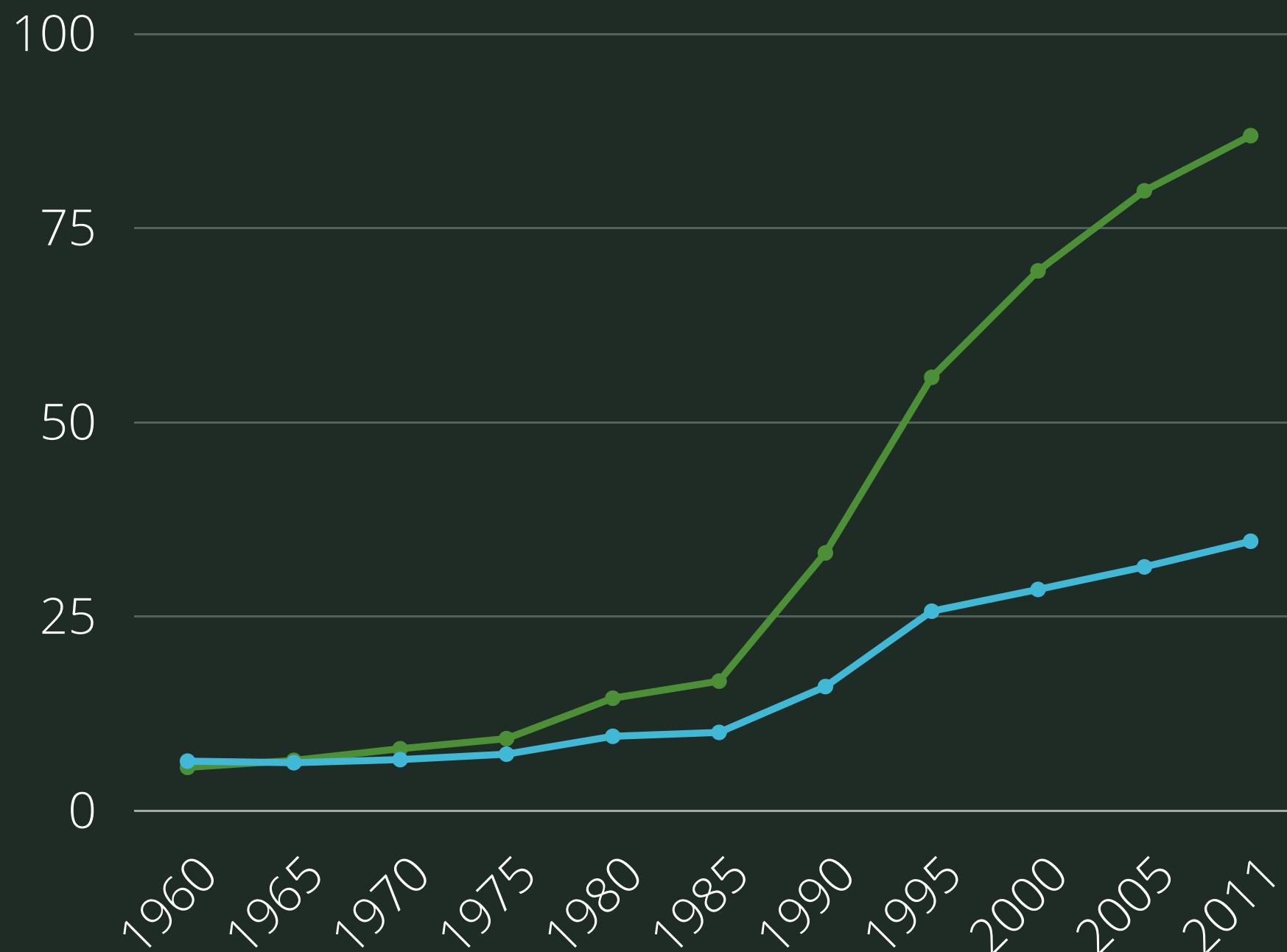
In 1864

1864, health officials in Tennessee were made aware of the correlation between the Yellow Fever epidemic and the garbage rotting around the public streets. The public was then urged to take their garbage to designated spots on the outskirts of town – similar to current day landfills.

In 1897

In 1897, New York City opened one of the first Material Recovery Facilities. Valuable materials from the trash were brought here, sorted, and then reused by the public. In-demand materials of the day included rubber, burlap, and even horse hair.





Graph of Recycling Rates

This graph is from the years 1960 to 2011



Recycling

INVENTION



Plastic roads

To stop plastics from ending up in oceans and landfills, some companies around the world are now trying out a new strategy of melting plastic products, combining additives and then using the mixture to pave roadways.



3D Printing Street Furniture

a Lab in the port city of Thessaloniki, which uses the plastic waste from the Greek households and creates urban furniture. this project converts recycled products into useful materials.



solierverpackung für den sicheren Versand Ih



Straw instead of Styrofoam

The Landpack company from the Bavarian city of Alling produces insulating materials from straw. The straw mats insulate just as well as polystyrene and can be used in food shipping, but are much more environmentally friendly and inexpensive.



Disposable crockery made from plant residues

The company Bio-Lutions, in Bangalore, has developed an effective solution to plastic waste: Compostable packaging made from plant residues. Agricultural waste can be used for such packaging, i.e. components of plants that are no longer used for other purposes



BINARY BRIGADE



THANK YOU

RECYCLING PRESENTATION DESIGN