

# THE 10 STEPS OF RECYCLING PAPER:



## 1: COLLECTION

The paper is collected from recycling bins and taken to a local collection station.



## 2: SEPARATION

After that, the paper waste is separated and bundled based on composition, type, cleanliness, and grades.



## 3: SENDING TO A RECYCLING PLANT

After the paper is separated, the bundles are sent to a recycling paper mill facility for processing.



## 4: SENDING TO A RECYCLING PLANT

The paper is shredded, and mixed with water and chemicals to create slurry mixture, called "pulp."

## 5: FILTERING THE CONTAMINANTS

The watery slurry mixture goes through a series of screens, that filters and removes chunks of dirt, glue, and other contaminants.



## 6: DE-INKING

The pulp is de-inked by sticking it in a chemical solution and blowing bubbles through it.

## 7: THICKENING AND BRIGHTENING

The pulp then goes through a thickened and bleached process, which enhances the purity and whiteness of the product.

## 8: DRYING

Long sheets of semi-dried pulp are put through heated metal pressers and rollers which apply enough pressure to turn them into dry, smooth sheets of paper.

## 9: ROLLING

Different paper products are being made by adding various substances to the slurry, such as cardboard, newsprints, office paper, etc. Then, the paper is rolled up into huge rolls.

## 10: PACKAGING & SHIPPING

The paper rolls are shortened into smaller sections it is sent onward for cutting, packaging & shipping.

