

How Paper is Made

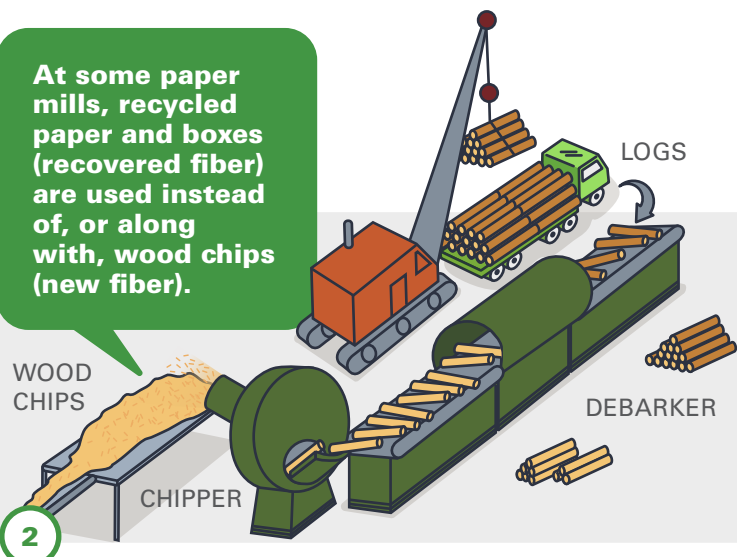


90% of IP's U.S. fiber supply comes from privately owned forests.

1

IT STARTS IN THE FOREST

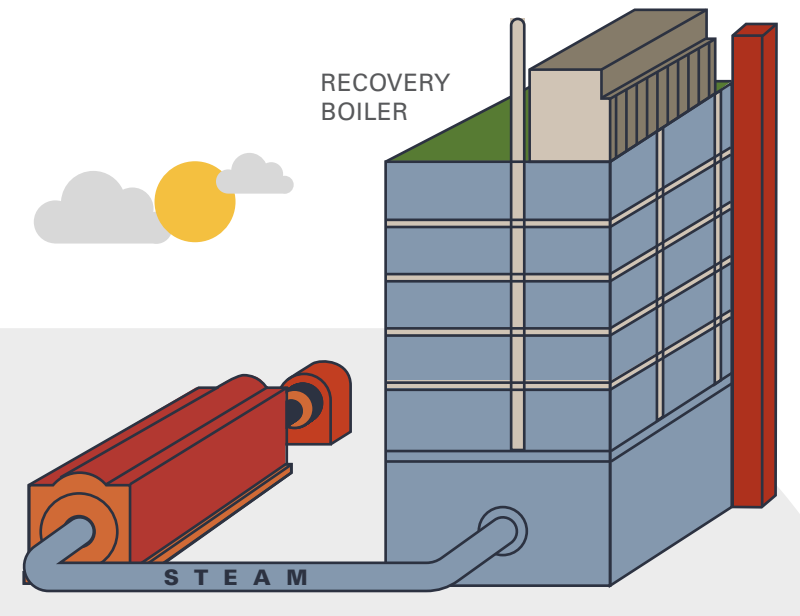
Making paper starts with responsibly managed forests. Our entire business depends upon the sustainability of forests, so we work with landowners every day to advance responsible management practices and increase the availability of certified fiber.



2

THE RECIPE FOR PAPER

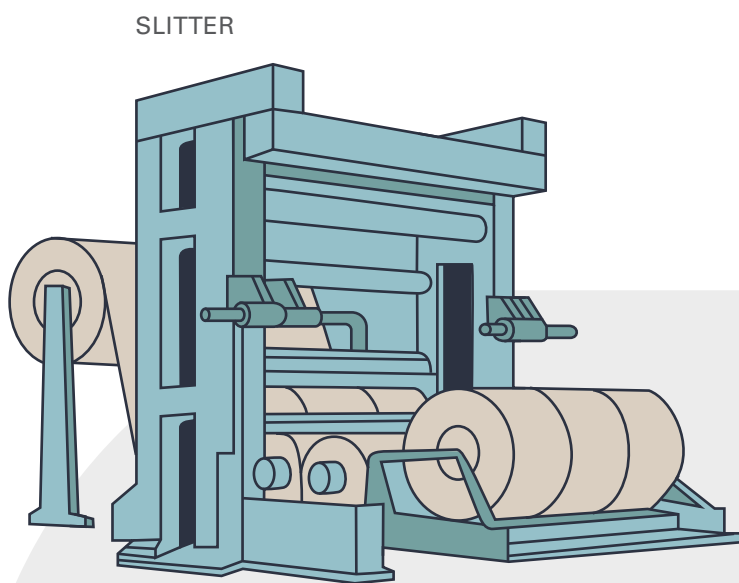
Logs arrive at the mill. They are stripped of bark and chipped. In addition to wood chips, making paper requires water, energy and chemicals.



3

SUSTAINABLY POWERING THE PAPERMAKING PROCESS

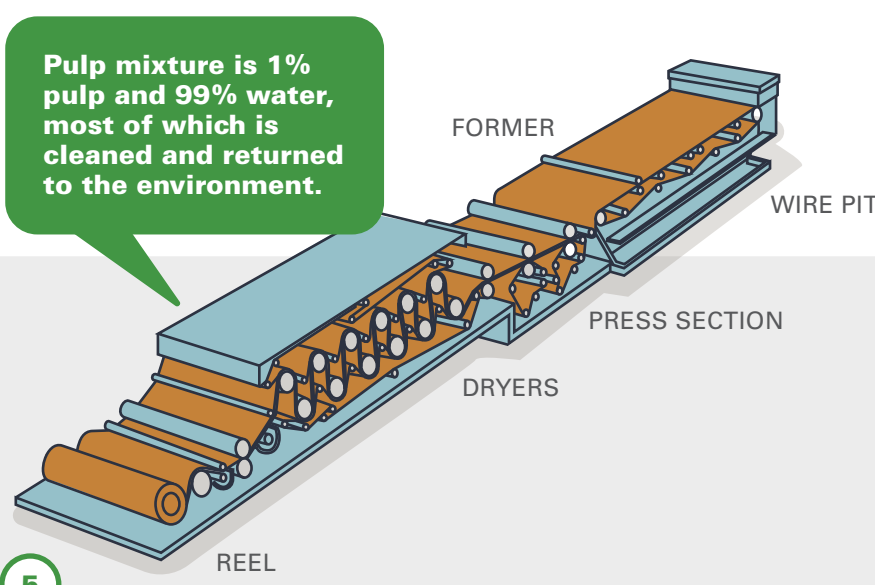
Nearly 75% of the energy used at our paper mills is generated from bark and other renewable biomass residuals. Boilers produce steam for turbines that make the electricity for motors and pumps.



6

WOUND UP AND CUT DOWN TO SIZE

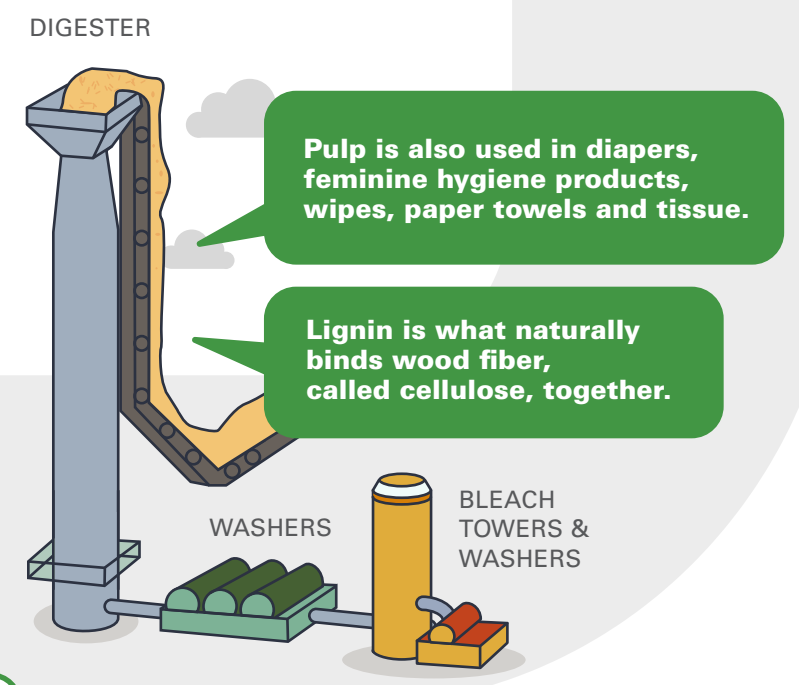
The paper is smoothed and wound into a gigantic, continuous roll that is then cut into smaller rolls. White rolls can be cut further and made into sheets for things like copy paper. Brown rolls are used to make things like boxes or bags.



5

TURNING PULP INTO A MASSIVE SHEET OF PAPER

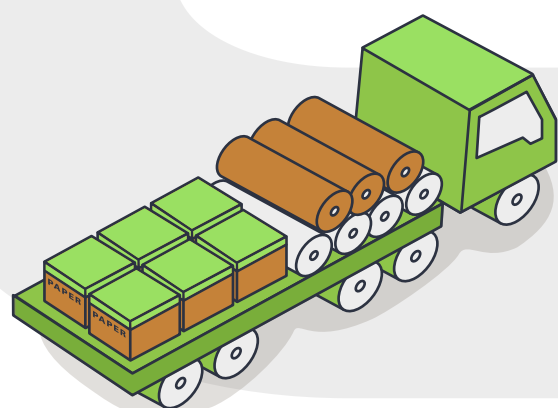
The pulp mixture now goes onto a wire screen that drains some of the water, forming a large sheet. The sheet moves onto a press, draining more water. Finally, the remaining water is removed as the sheet passes over dryers, and the end result is paper!



4

INTO THE PRESSURE COOKER

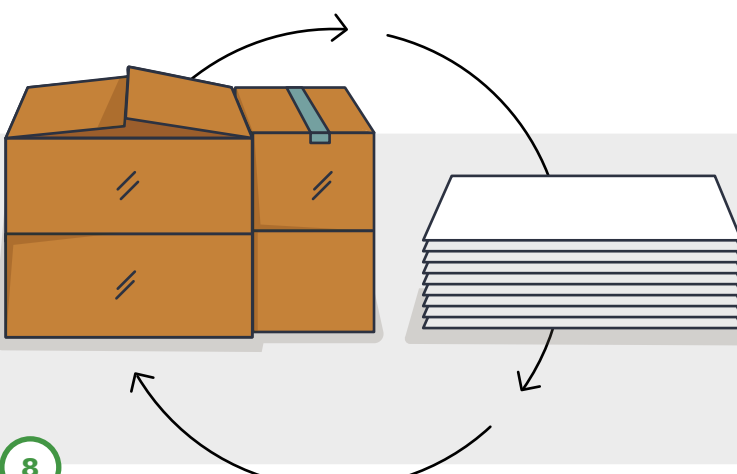
In the digester, wood chips are cooked with water, chemicals and steam, separating the wood fiber from a compound called lignin. This mixture is then washed to remove chemicals and lignin, transforming it into pulp that will become paper. If the naturally brown pulp will be used to make white paper, it is then bleached. If the pulp will become paper for cardboard boxes or grocery bags, it isn't bleached.



7

PRODUCTS YOU DEPEND ON

The rolls or sheets are then packaged up and shipped to our customers around the world, where they become products people depend on every day. We make boxes that safely transport food to grocery stores and online orders to your front door. We make paper that sparks creativity and captures ideas.



8

PAPER'S MANY LIVES

Made from renewable resources, paper is recyclable. Recycling your paper-based products helps us use these resources again and again.

Paper and boxes can be recycled up to 7 times.

International Paper is one of the largest users of recovered fiber.