

Two Sides Reference Sheet

The Paper Life Cycle

Two Sides supports life cycle thinking and a continual reduction in the environmental footprint of print and paper over the product life cycle, from cradle to grave.

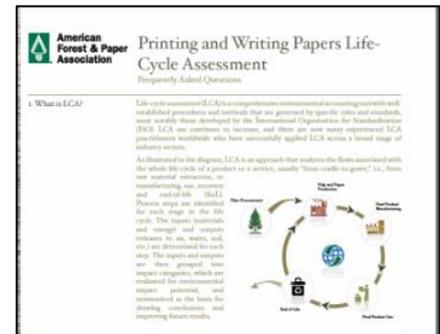
Many elements of paper and printed products need to be considered to evaluate their environmental footprint. These include, but are not limited to fiber and raw material sourcing, including sustainable forest management; pulp and paper manufacturing; transportation; printing and converting; use; and recovery and recycling. Key environmental indicators related to these various activities can be measured and used in product environmental evaluations. Recognized science-based tools and standards are available to conduct product life-cycle assessments (LCA).

Below are some examples and resources related to the paper life cycle.

[Printing and Writing Papers Life-Cycle Assessment](#)

American Forest & Paper Association (AF&PA)

This Q&A from AF&PA provides an overview of life cycle assessments (LCA) and reports the results of an LCA conducted to develop the most current and comprehensive life cycle data representing printing and writing papers manufactured in North America. The LCA provides credible research and transparency that sets a benchmark for future studies. It is helping AF&PA and the Forest Products Association of Canada (FPAC) member companies and stakeholders in making informed choices about paper and identifying opportunities for improvement.



[The Paper Life Cycle](#)

GreenBlue

The Paper Life Cycle project is a multi-stakeholder initiative that aims to promote wider understanding and positive action around the key environmental issues affecting the life cycle of paper, and serves as an active online resource that enables companies and customers to make informed environmental decisions about the paper products they purchase, use and sell.



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Print and Paper
have a great
environmental
story to tell



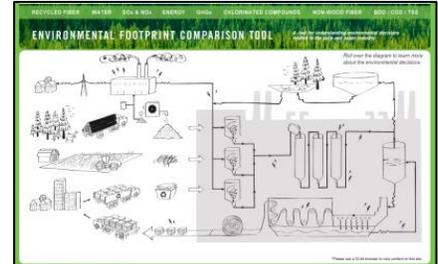
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[Environmental Footprint Comparison Tool](#)

NCASI - National Council for Air and Stream Improvement

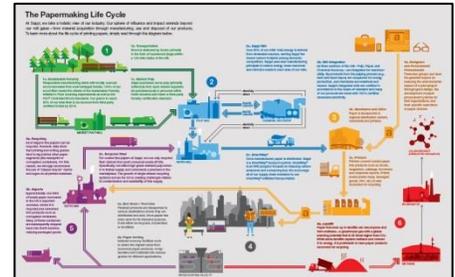
Minimizing the environmental footprint from pulp and paper manufacturing requires understanding the interactions between various parameters. The EFCT is designed to promote understanding of these sometimes complex interactions that are the scientific backbone of decisions related to minimizing a company's or a facility's environmental footprint.



[The Papermaking Life Cycle](#)

Sappi Fine Paper North America

This figure produced by Sappi takes a holistic view of our industry. The sphere of influence and impact extends beyond the mill gates —from material acquisition through manufacturing, use and disposal of paper products. To learn more about the life cycle of printing paper, simply read through the diagram.



To see the online version of this diagram with pop-ups, click [here](#).

[Life Cycle Assessment of Paper Products: Part One — The Basics](#)

Sappi Fine Paper North America

This brief offers guidance regarding Life Cycle Analysis (LCA) as it applies to the paper and printing industries. The information can be used to help make informed decisions when buying paper and in developing environmentally responsible procurement policies for paper.

