

**WHEN IT COMES TO THE ENVIRONMENT,
ACTIONS SPEAK LOUDER THAN WORDS.**

Every day the forest products industry works to improve its environmental performance... for you, for your customers, for employees, for shareholders, for the environment, for all of us.

This is too important; we have to get it right. With your help we will continue to improve and make a better world for all of us.

We are proud of our achievements and think you should be too. Here is a snapshot of all we have accomplished.



For more information visit:

www.afandpa.org

www.aboutsfi.org

www.newfederalforestry.org

**What You Should
Know About the
Forest Products
and Paper Industry
and the
Environment**

AF&PA®



American Forest & Paper Association®
America's Forest and Paper People® —
Improving Tomorrow's Environment Today

©2003 American Forest & Paper Association, Inc.

New Federal Forestry is a service mark
and Sustainable Forestry Initiative and
SFI are registered service marks of
American Forest & Paper Association, Inc.

UNION BUG

recycle logo

AF&PA®



Brought to you by the
American Forest & Paper Association



CORPORATE SOCIAL RESPONSIBILITY

American Forest & Paper Association (AF&PA) member companies' operations are based on integrity, sound values, and building long-term relationships. Members provide safe jobs at good wages, are active in their local communities, and provide hundreds of products essential to everyday life.

SUSTAINABLE FORESTRY INITIATIVE® PROGRAM

The SFI® program is a comprehensive system of principles, objectives, indicators, and performance measures that integrate the perpetual growing and harvesting of trees with the protection of wildlife, plants, soil, water and air quality. Based on our belief that responsible environmental behavior and sound business decisions can coexist to the benefit of landowners, shareholders, employees, customers, the people they serve, the environment, and future generations, participation in the program is mandatory for membership in AF&PA. While the SFI program is one of the largest sustainable forest management programs in the world, SFI participants also recognize the work of other credible certification standards.

ENDANGERED FORESTS

Participants in the SFI program are working cooperatively with conservation groups to identify, protect, and manage Forests of Exceptional Conservation Value and biodiversity hotspots around the world. Participants are also committed to, and held accountable for, efforts to stamp out illegal logging around the globe.

PUBLIC FORESTRY

Members of AF&PA are committed to New Federal Forestrysm, a science-based approach to managing our public forests that seeks to strike a balance between social, economic, and ecological goals. The program also recognizes that the overall health of public forests can have a direct impact on private lands.

RECYCLING

The paper industry has set and exceeded paper recovery goals of 40% and then 45%, and we are closing in on the 50% goal. In the United States no recovered fiber is wasted and about 83% of U.S. paper makers use recovered fiber to manufacture new paper products. As a society we should, and as an industry we do, strive to increase the amount of fiber actually recovered.

ECONOMIC RESPONSIBILITY

The forest products industry ranks 8th among domestic manufacturing sectors in Gross Domestic Product; employs more than 1.5 million people, ranking among the top 10 manufacturing employers in 42 states; and represents 7% of total U.S. manufacturing output.

ALTERNATIVE RAW MATERIALS FOR PAPER

While paper can be made from many different sources, the most common and abundant is wood fiber from our nation's steady and sustainable supply of timber. Well-managed forests provide clean water, habitat for wildlife, and require few if any pesticides and herbicides. The same cannot be said of alternative fiber crops. Alternative crops do not grow in sufficient quantity to meet consumer demand and would require the wholesale conversion of forests to cropland. One alternative fiber success story is cotton linters, which, were they not used to produce premium papers, would likely end up in a landfill.

BLEACHING

The paper industry has spent more than \$1 billion since 1988 to convert the pulp bleaching process to virtually eliminate the generation of dioxins in wastewater. This "elemental chlorine free", or ECF, process virtually eliminates dioxin and allows manufacturers to use less wood fiber in the paper making process than with other chlorine alternatives.

ENVIRONMENT HEALTH AND SAFETY (EHS) COMMITMENTS

The dedication of AF&PA members to environmental, health, and safety stewardship is demonstrated in the EHS Principles Verification Program, which is a condition of membership in AF&PA. The program demonstrates adherence to EHS principles, tracks progress by the industry, communicates information about EHS performance, and promotes continuous improvement. Data collected show that since 1975 the industry has significantly reduced air, water, and waste emissions. Additionally, the program collects data on energy use and promotes energy conservation and efficiency. AF&PA members are committed to improving environmental performance, worker health and safety, and energy use, while meeting Americans' demand for quality paper and forest products.

ENERGY SOLUTIONS

The forest products industry is committed to innovations to increase efficiency, reduce reliance on fossil fuels, expand the use of renewable energy, and significantly reduce greenhouse gas emissions. Since 1972 average total energy use on a per ton basis has been reduced by 17%; fossil fuel and purchased energy consumption has been reduced 38%; and use of biomass fuel has increased 46%. Nearly 85% of the industry's on-site electricity is generated from renewable energy sources.

GLOBAL CLIMATE SOLUTIONS

Trees are a renewable resource that play an important role in reducing greenhouse gases by removing carbon dioxide (CO₂) from the atmosphere. In addition to being recyclable, wood and paper products continue to store CO₂. The U.S. forest products industry's use of renewable fuels already represents the equivalent of 211 million barrels of oil each year, and offsets the emissions of about 16 million cars annually. Each year managed forests sequester (store) CO₂ equivalent to that produced by approximately 173 million automobiles.

AGENDA 2020

A joint research project between the forest products industry, the U.S. Department of Energy, a consortium of research institutions, and national laboratories, the program develops new technologies and processes to make manufacturing products more energy efficient and cost effective. Environmental impacts will be minimized as efficient use and reuse of resources is optimized.

HEALTH RESEARCH

AF&PA and its members continue to fund and sponsor many health studies to provide a sound scientific basis for promoting the continued health and safety of forest products industry workers. This includes the first phase of a study carried out by Johns Hopkins School of Public Health that demonstrated pulp and paper mill workers have a significantly lower mortality rate than that of the general public.

