

**PENNSYLVANIA SFI®
IMPLEMENTATION COMMITTEE**

Pennsylvania
Sustainable
Forestry Initiative
Implementation
Committee

Chuck Coup,
Program Manager





www.sfiopa.org



Overview

- What is the Sustainable Forestry Initiative?
- What is a SFI Implementation Committee?
- Why do we have a logger training program?
- Who requires training?
- How does the training program work?
- 20th Anniversary Overview

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SUSTAINABLE FORESTRY INITIATIVE
SFI-01141



SUSTAINABLE FORESTRY INITIATIVE
SFI-01141

- North American forest certification system (one of several), established in 1995
- Promotes sustainable forest management and provides consumer assurance in the marketplace
- Based on a comprehensive standard
- Administered by SFI Inc. in Washington DC

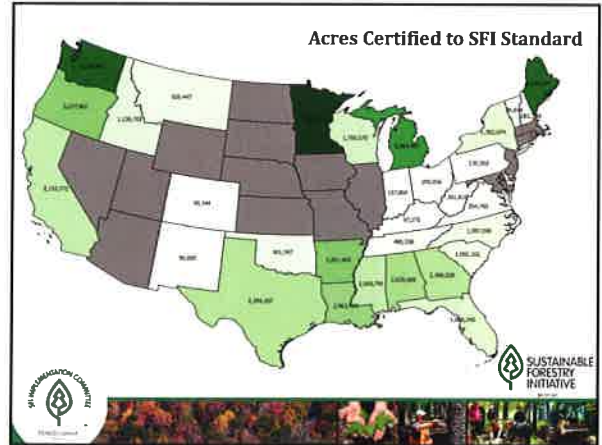
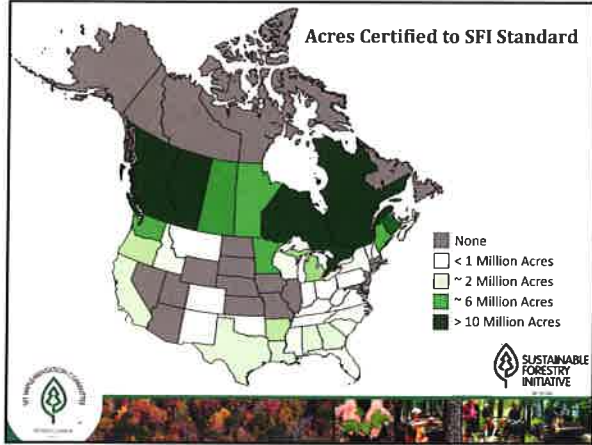




SUSTAINABLE FORESTRY INITIATIVE
SFI-01141

- 5 companies in Pennsylvania hold **Forest Management Certificates** (130,562 ac)
- 26 companies in Pennsylvania hold **Certified Sourcing Certificates**
- 51 companies in Pennsylvania hold **Chain of Custody Certificates**



Certified SFI® Program Participants Operating in PA

Weyerhaeuser

FOREST INVESTMENT ASSOCIATES

VERSO.

GP Georgia-Pacific

MOLYNEUX TIMBERLANDS MANAGEMENT, LLC

Domtar

Hancock Forest Management®

WEAVER, INC.

THE CONSERVATION FUND

STANTEC

SUSTAINABLE FORESTRY INITIATIVE

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SUSTAINABLE FORESTRY INITIATIVE

SFI Implementation Committees (SICs):

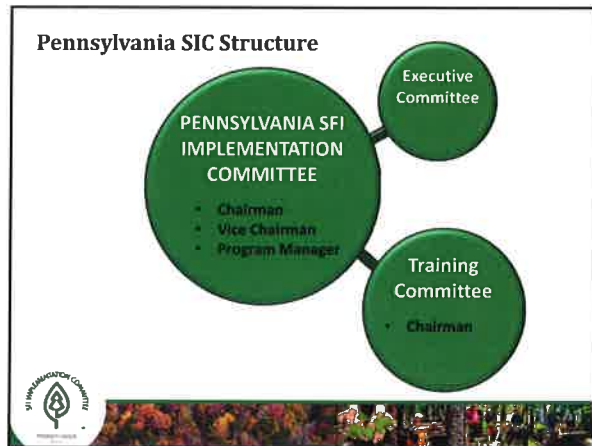
- Grassroots networks operating semi-autonomously of SFI Inc.
- Help achieve the SFI standard and extend its reach
- Pennsylvania is one of 34 SICs across North America

SUSTAINABLE FORESTRY INITIATIVE

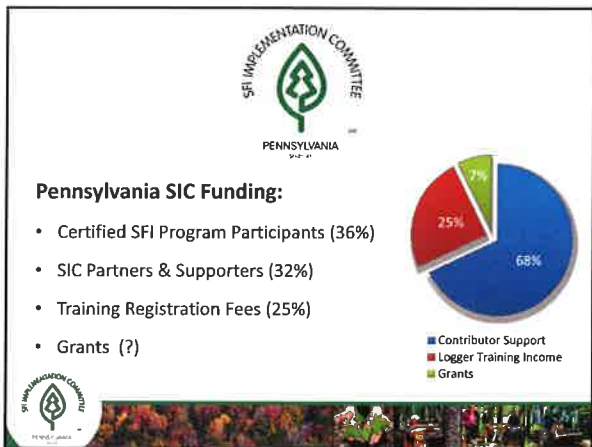
Pennsylvania SFI Implementation Committee (SIC):

- Established in 1995, housed as an independent sub-committee of PFFPA
- Diverse committee made up of industry, government, academia, landowners, loggers, and various other stakeholders

SUSTAINABLE FORESTRY INITIATIVE



-
- Ken Roberts, Verso Corp., Chairman
 - Chuck Coup, PA SIC Program Manager
 - Wayne Bender, PA Hardwood Devel. Council
 - Charlie Brown, Glatfelter
 - Chuck Dibble, Jeld-Wen, Inc.
 - Amy Doty, SFI, Inc.
 - Dan Evans, Damar Paper Co., LLC
 - Jim Flinley, Penn State University
 - Bob Hobbes, Hobbes Forestry Services
 - Mark James, Molpus Timberlands Mgmt, LLC
 - Matt Keefer, PA Bureau of Forestry
 - Paul Lyskava, PA Forest Products Association
 - Rand Mathews, Georgia-Pacific, LLC
 - Shawn McCanna, Weaber Inc.
 - Nancy McCloskey, FORECON, Inc. (Representing Forest Investment Associates)
 - Rudean Reynolds, Weyerhaeuser Co.
 - Ron Rohall, PACD Representative
 - Todd Sparks, Hancock Forest Mgmt., Inc., (Training Committee Chairman)
 - Susan Stout, USDA Forest Service
 - Sue Swanson, Allegheny HW Utilization Group
 - Barrett Wiggins, Deer Park Lumber
 - David Williams, Georgia-Pacific, LLC



Pennsylvania SIC Funding:

	2002	2005	2010	2015
P/P/S	\$122,000	\$104,000	\$78,000	\$102,000
Training	\$25,000	\$33,000	\$32,000	\$47,000
Grants	\$86,000	\$57,000	\$ 0	\$ 17,000
Staff	3	2	1/1part	1

The Pennsylvania SIC Works to Strengthen Sustainability in the Forest Products Supply Chain

- Help the **forest products industry** support sustainable forestry by promoting the SFI standard in Pennsylvania and supporting the certified SFI Program Participants operating in the state.

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- Provide **forest landowners** the information they need to enhance their ability to make good management decisions and engage the **public** with the message of sustainable forestry.



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- Provide **forest landowners** the information they need to enhance their ability to make good management decisions and engage the **public** with the message of sustainable forestry.
- Educate **loggers** about safe and productive practices as well as being good forest stewards through our training program.

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SFI 2015-2019 Standards and Rules


Performance Measures 11.2 & 6.2. Program Participants shall work to foster improvement in the professionalism of wood products.

Indicator 1. Participation in or support of SICs to establish criteria and identify delivery mechanisms for wood producer training courses and periodic continuing education.


SFI Standard Principles

- Sustainable Forestry
- Forest Productivity and Health
- Water Resources
- Biological Diversity
- Aesthetics & Recreation
- Special Sites
- Responsible Fiber Sourcing
- Legal Compliance
- Research
- Training and Education
- Community Involvement & Social Responsibility
- Transparency
- Continual Improvement
- Avoiding Illegal Logging

Loggers are a Critical Link



- The continued strength of Pennsylvania's hardwood industry depends on skilled and successful loggers.
 - Forest stewards
 - Raw material suppliers



Loggers are a Critical Link




In Any Given Year, Logging is Among The Top 3 Deadliest Jobs in the U.S.


Top 3 Occupations With High Fatal Work Injury Rates



In 2014, loggers died at a rate of 109.5 deaths per 100,000 workers. The death rate for average U.S. workers is about 3.3 deaths per 100,000 workers.




Loggers are a Critical Link



Pennsylvania Professional Timber Harvesters

- Enjoy working outdoors & independently
- Average age is 45 - 50 years old
- Most only have high school education
- More than 40% work alone
- 50% have less than \$100,000 in equip.
- Majority support SFI® training

(Jacobson, Finley, Schmid - 2009 Survey)



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SFI 2015-2019 Standards and Rules

Performance Measures 11.1.5 & 6.1.5. Program Participants shall have written agreements for the use of qualified logging professionals and/or wood producers that have completed training programs and are recognized as qualified logging professionals

Performance Measure 3.1. Program Participants shall encourage landowners to utilize the services of qualified logging professionals...



Certified SFI® Program Participants Operating in PA

Weyerhaeuser

FOREST INVESTMENT ASSOCIATES

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THE CONSERVATION FUND

CONTRACT PROVISIONS

On-site crew leaders for all logging crews working on [DCNR Bureau of Forestry sales] must be trained under the Pennsylvania Sustainable Forestry Initiative. Each crew leader operating on the sale must present a valid PA SFI Core Level Training card as proof of training to the District Forester prior to beginning logging operations on this sale.

The PGC recommends that logging crews working on State Game Lands be trained in safe logging techniques and sound environmental logging practices through a formal training program such as the one provided by the Pennsylvania Sustainable Forestry Initiative or another similar course.

AND OTHERS...

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Pennsylvania SIC

Professional Timber Harvester Training Program

- Fully administered by the Pennsylvania SIC
- Geared towards loggers, but anyone can participate
- Focused on Safety, BMPs, Professionalism, and Sustainability
- Not a certification

Pennsylvania SIC

Timber Harvester Training Program

How to become "Trained/Qualified" (Core Training Requirements)

Must complete all requirements within two years

- Professional Timber Harvesting Essentials
- Game of Logging Level 1
- Current First Aid & Adult CPR

Pennsylvania SIC

Timber Harvester Training Program



PROF. TIMBER HARVESTING ESSENTIALS



Pennsylvania SIC Timber Harvester Training Program




GAME OF LOGGING

Pennsylvania SIC Timber Harvester Training Program


How to maintain training (Continuing education)

- 4 Hours of training annually
- PA SFI CE courses & Non-PA SFI CE courses
- Can't repeat classes within 5 years




PA SFI CE COURSES



- Advanced Environmental Logging
- Advanced Logger Rescue
- Boundary Lines, Maps, & Deeds
- Business Management
- Buying Standing Timber
- CE Update Course
- Estimating Standing Timber Volume
- Game of Logging
- Garage Safety
- GPS For Timber Harvesters
- Hardwood Log Bucking
- Job Layout & Profitable Skidding
- Mechanized Harvesting Safety
- Outdoor Survival Skills for Timber Harvesters
- Planning & Analysis in Timber Harvesting
- Proactive Accident Prevention
- Professional Forest Products Trucking
- Skidding Safety
- Sustainable Forest Management
- Wildlife Management

Professional Timber Harvester Training Program

Newest CE Courses

- Bats and Timber Management


Professional Timber Harvester Training Program

Newest CE Courses

- Advanced Logger Rescue





Professional Timber Harvester Training Program

Newest CE Courses

- Diesel & Hydraulic System Diagnostics and Maintenance Safety




Professional Timber Harvester Training Program

2015 Preliminary Training Results

- Held 59 training programs held across PA





Professional Timber Harvester Training Program

2015 Preliminary Training Results

- 665 individuals participated in 879 training units



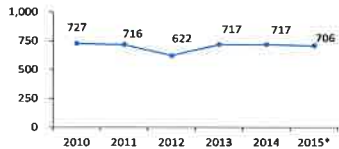
Year	Individuals	Training Units
2005	~750	~1000
2006	~900	~1200
2007	~1000	~1300
2008	~800	~1000
2009	~850	~1100
2010	~800	~1000
2011	~850	~1100
2012	~800	~1000
2013	~850	~1100
2014	~800	~1000
2015*	665	879




Professional Timber Harvester Training Program

2015 Preliminary Training Results

- 69 individuals received or renewed their training card



Year	Individuals
2010	727
2011	716
2012	622
2013	717
2014	717
2015*	706



Does Logger Training Make A Difference?

U.S. Bureau of Labor Statistics



Logging Fatalities - National

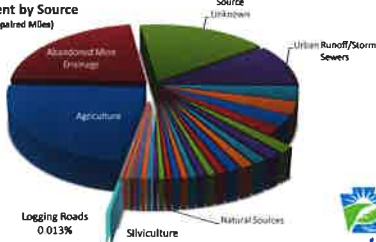


Does Logger Training Make A Difference?


Pennsylvania Integrated Water Quality Monitoring and Assessment Report

2014 Impairment by Source

(15,882 Total Impaired Miles)



Source	Percentage
Abandoned Mine Drainage	~35%
Agriculture	~25%
Logging Roads	0.013%
Silviculture	0.12%
Natural Sources	~15%
Urban Runoff/Storm Sewers	~15%
Source Unknown	~10%









The Future of Logging in PA...



"Of equal and nearly universal concern is the recognition that the wood products industry has an aging experienced workforce and an uncertain outlook for finding and attracting new and replacement employees having basic skills and work ethics necessary to perform logging operations. This is both an immediate and long term problem."

Pennsylvania Hardwoods Development Council, 2013



Professional Timber Harvester Training Program

Reaching the Next Generation



CENTRAL MOUNTAIN HIGH SCHOOL



Professional Timber Harvester Training Program

Reaching the Next Generation



Professional Timber Harvester Training Program

Reaching the Next Generation



Professional Timber Harvester Training Program

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Good for you. Good for our forests.™

SFI-01141



2015 SFI Implementation Committee Achievement Award

October 7, 2015
Olympic Valley, California




Celebration at 2015 Timber Show

Timber 2015

House Resolution 375
Senate Resolution 144

5
JUNE

"Therefore be it resolved, That the House/Senate designate June 5, 2015, as 'PA Sustainable Forestry Initiative Day' in Pennsylvania."




GUINNESS WORLD RECORDS




SFI WORLD RECORD ATTEMPT TREE PLANTING LOCATIONS

1,100 participants
202,330 Trees Planted

GUINNESS WORLD RECORDS




20th ANNIVERSARY 1995 - 2015