

AFF Innovations:
Engage More Landowners,
Support Good Forest Management,
Drive Certification Growth,
Provide Assurance



Family forest owners: strength in numbers

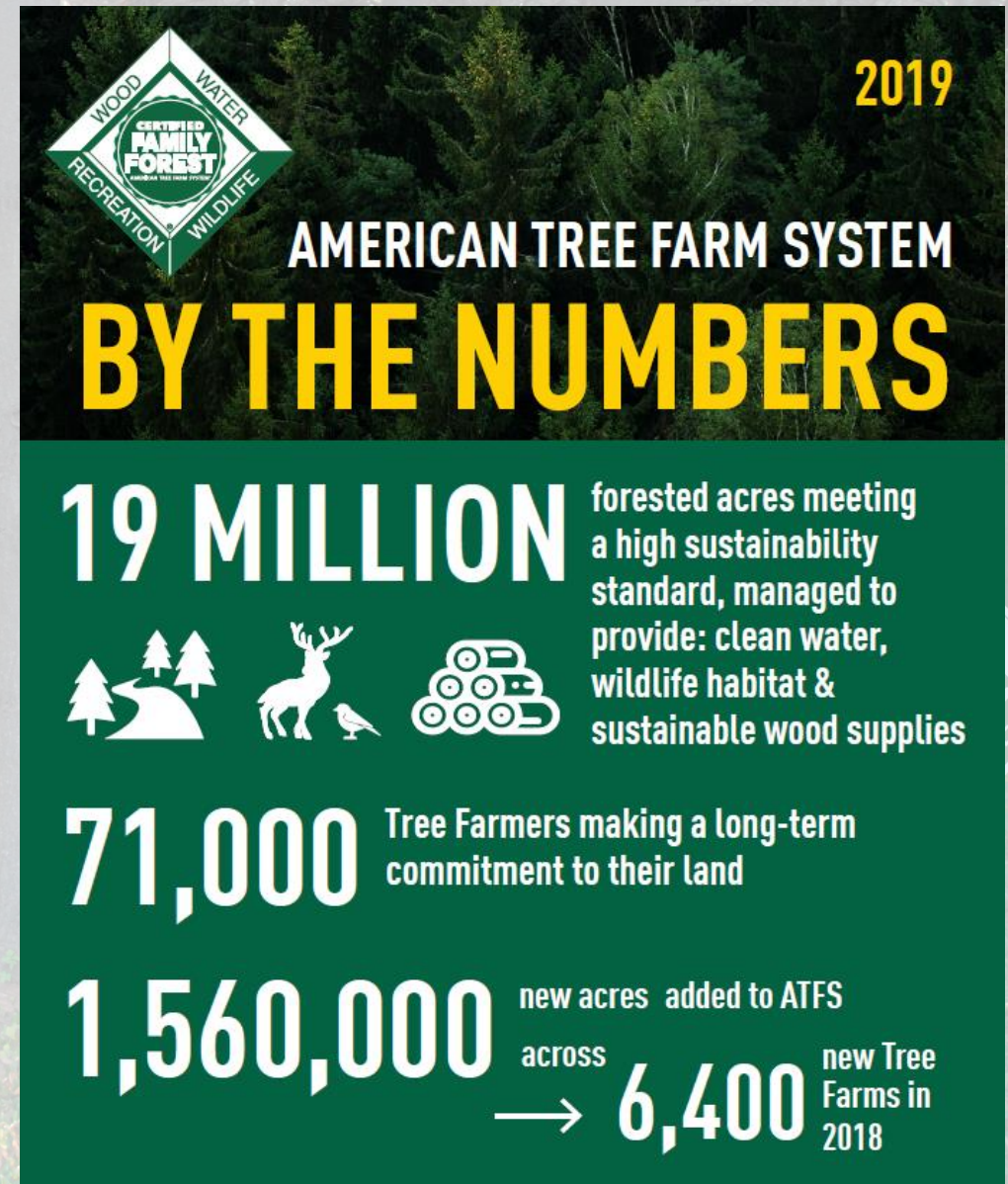
- **10 million+** independent and family forest owners of **more than 290 million acres**
- Independent and family forest owners own **36% of all US forests**
- Family forest owners own **67% of private US forests**
- **Most family forest holdings less than 100 acres** (vast majority are <10 acres)

Source: USDA US Forest Service



ATFS: program of choice for family forest owners

- 19 million acres certified to ATFS
- 71,000 Tree Farmers
- Diverse community with passion for forests



Barriers to Increasing Sustainable Management & Small Lands Certification

- Reaching landowners
- Lack of landowner awareness
- Lack of value for landowners
- Connecting with professionals
- Creating individual management plan
- Cumbersome certification process
- Limited local partner capacity



AFF is investing in ATFS to grow, strengthen, increase impact

- Tools reduce or eliminate time and costs
- Technology streamlines processes
- Process changes allow State Committees and Foresters to engage more landowners



New Tools for...

- **Forest Product Companies:**
 - **Forest in Focus:** Understand, Identify and Manage Risk
- **Landowners and Foresters:**
 - **Landscape Management Plan (LMP):** Serves the needs of individual landowners; Addresses issues at a regional level
- **Landowners, Foresters, and Conservation Orgs:**
 - **WoodsCamp:** Interactive tool for landowners; Customer Relationship Management tool for foresters and partners





FORESTS IN FOCUS

ASSESS RISK. IDENTIFY OPPORTUNITIES. MAKE AN IMPACT.

Forest in Focus: Innovation in Sustainability Assessment



American Forest Foundation

Forest in Focus: A Collaborative Effort



MARS



STAPLES®

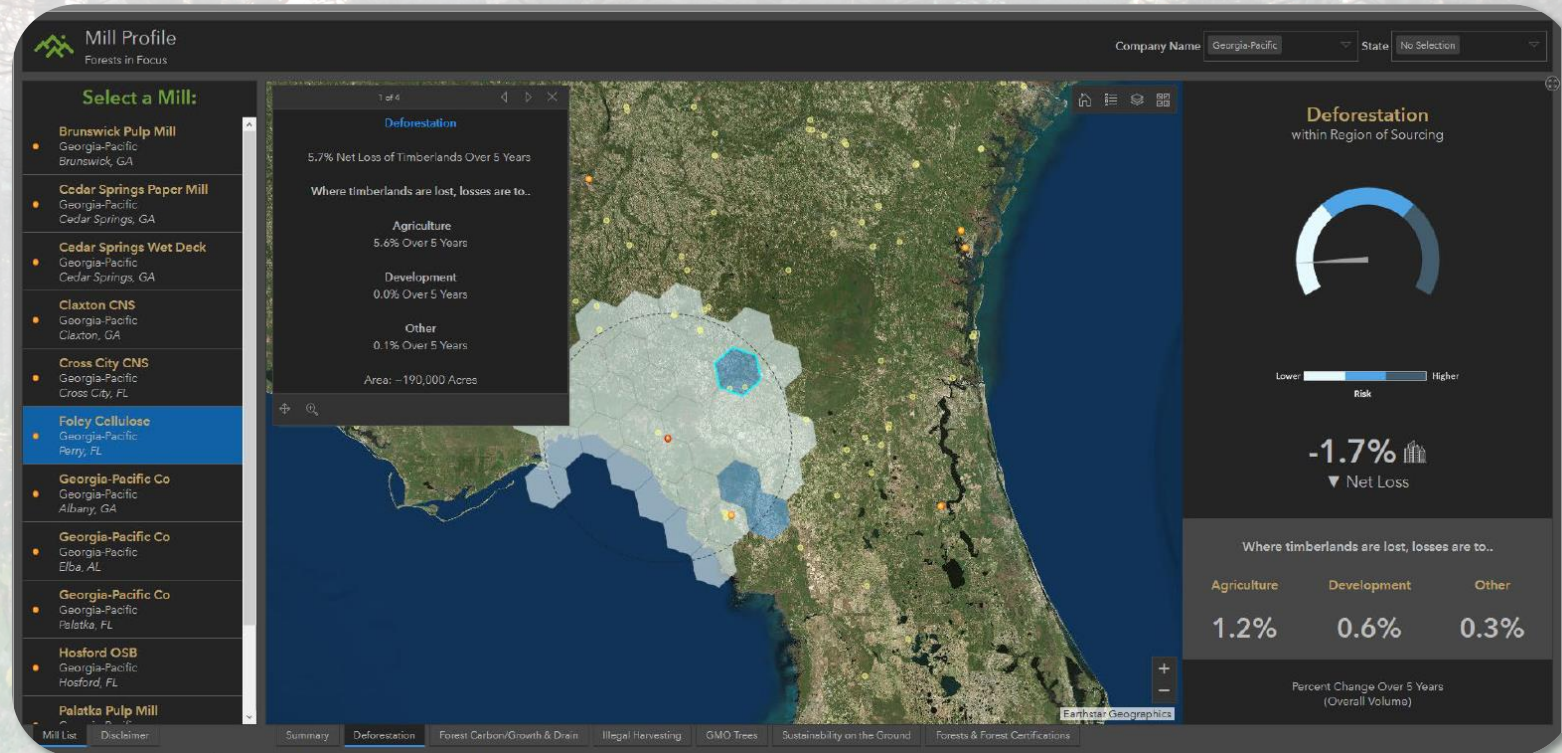


Forest in Focus:

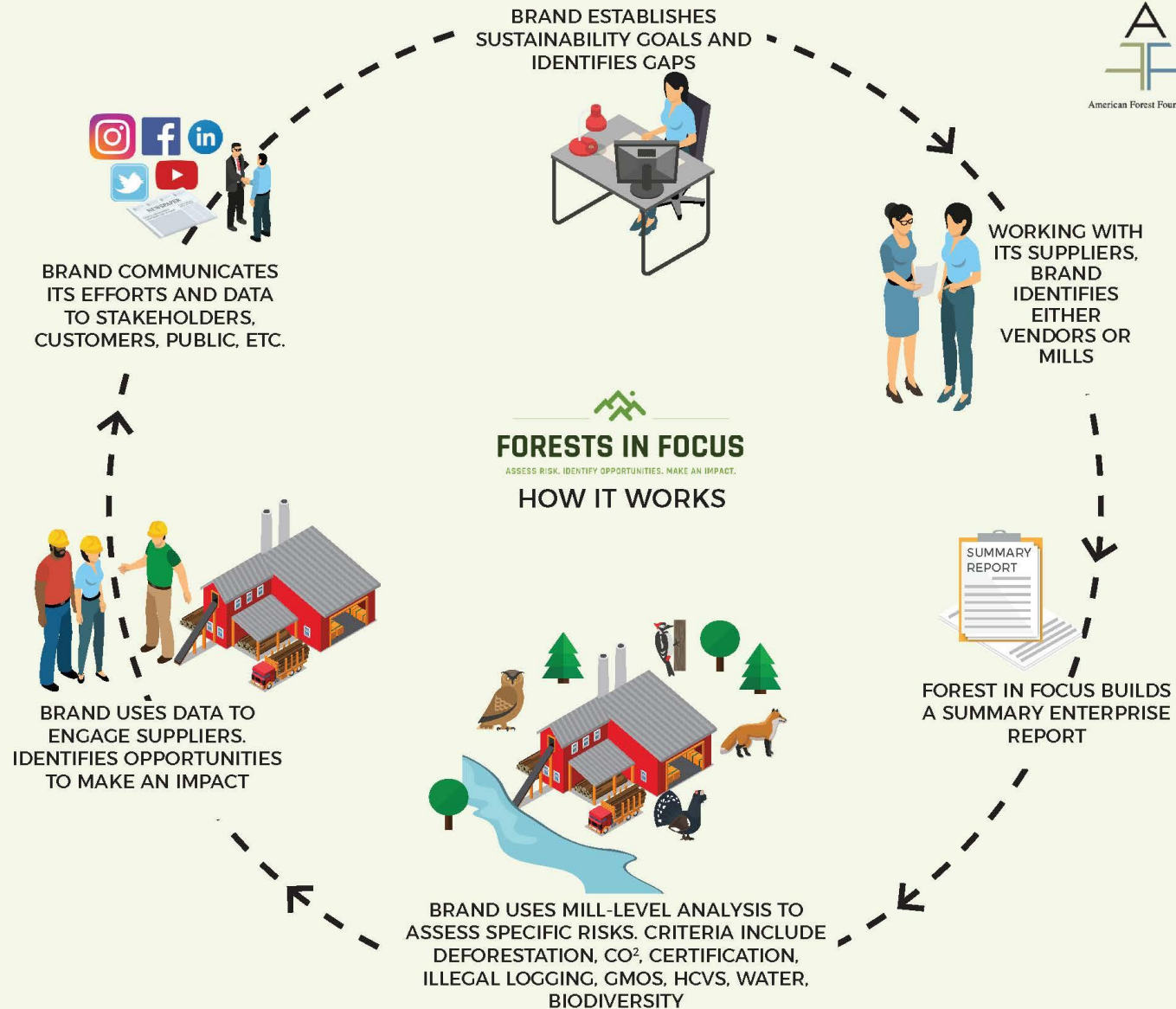
- Understand, Identify and Manage Risk in Sourcing Area
- Increase Confidence in Sourcing
- Discover & Seize Opportunities
- Drive Sustainability Impact



American Forest Foundation



Forest in Focus: How It Works





Mill Profile

Forests in Focus

Company Name

Enviva Biomass LP

State

No Selection

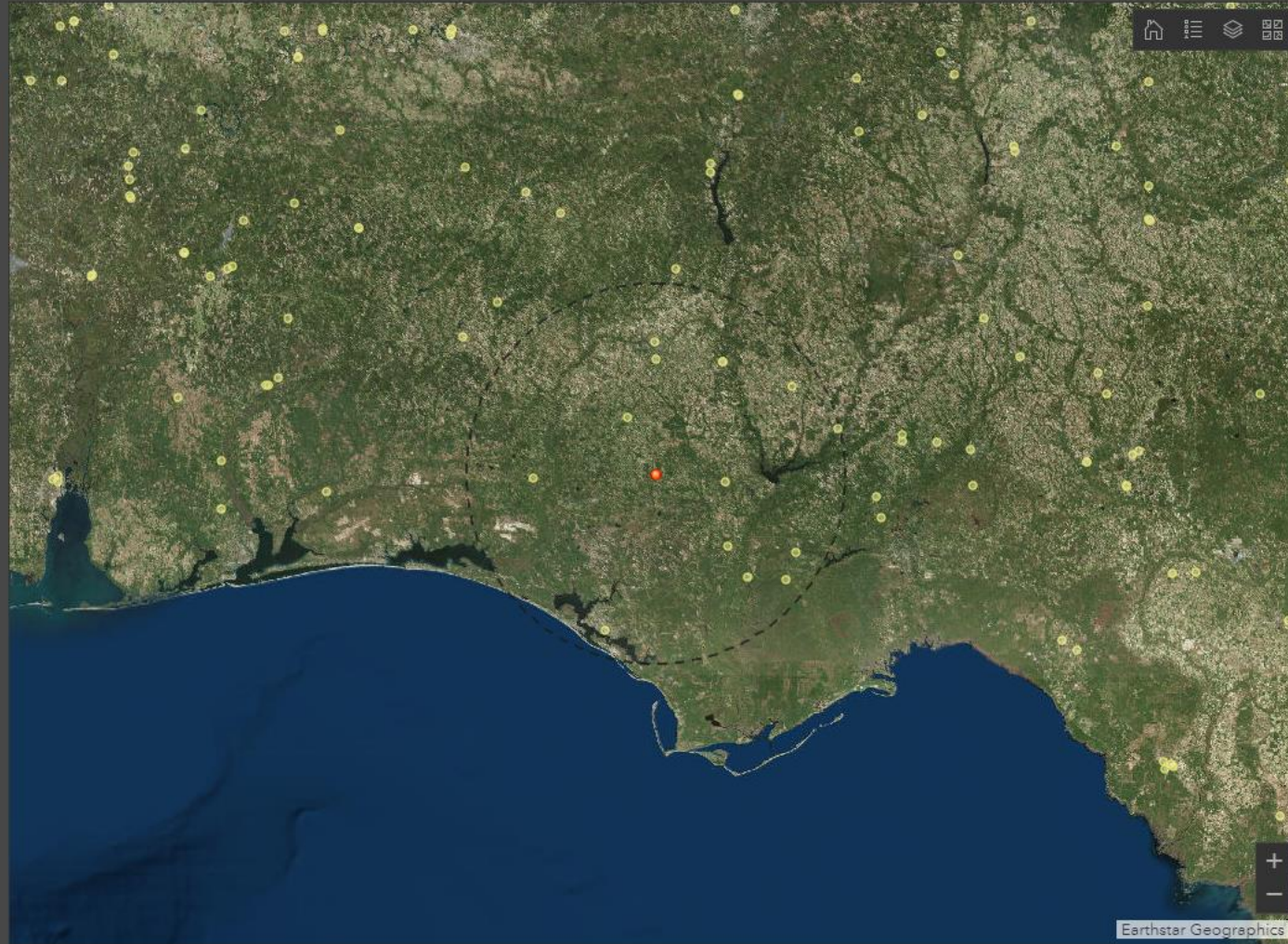
Select a Mill:

Enviva Cottondale

Enviva Biomass LP
Cottondale, FL

Enviva Pellets

Enviva Biomass LP
Epes, AL



Sustainability Assessment

Deforestation

Forest Carbon/Growth
and Drain



GMO Trees

Illegal Harvesting



Lower  Higher
Risk

Group

Disclaimer

Summary

Deforestation

Forest Carbon/Growth & Drain

Illegal Harvesting

GMO Trees

Sustainability on the Ground

Forests & Forest Certifications



American Forest Foundation



Mill Profile

Forests in Focus

Company Name

Enviva Biomass LP

State

No Selection

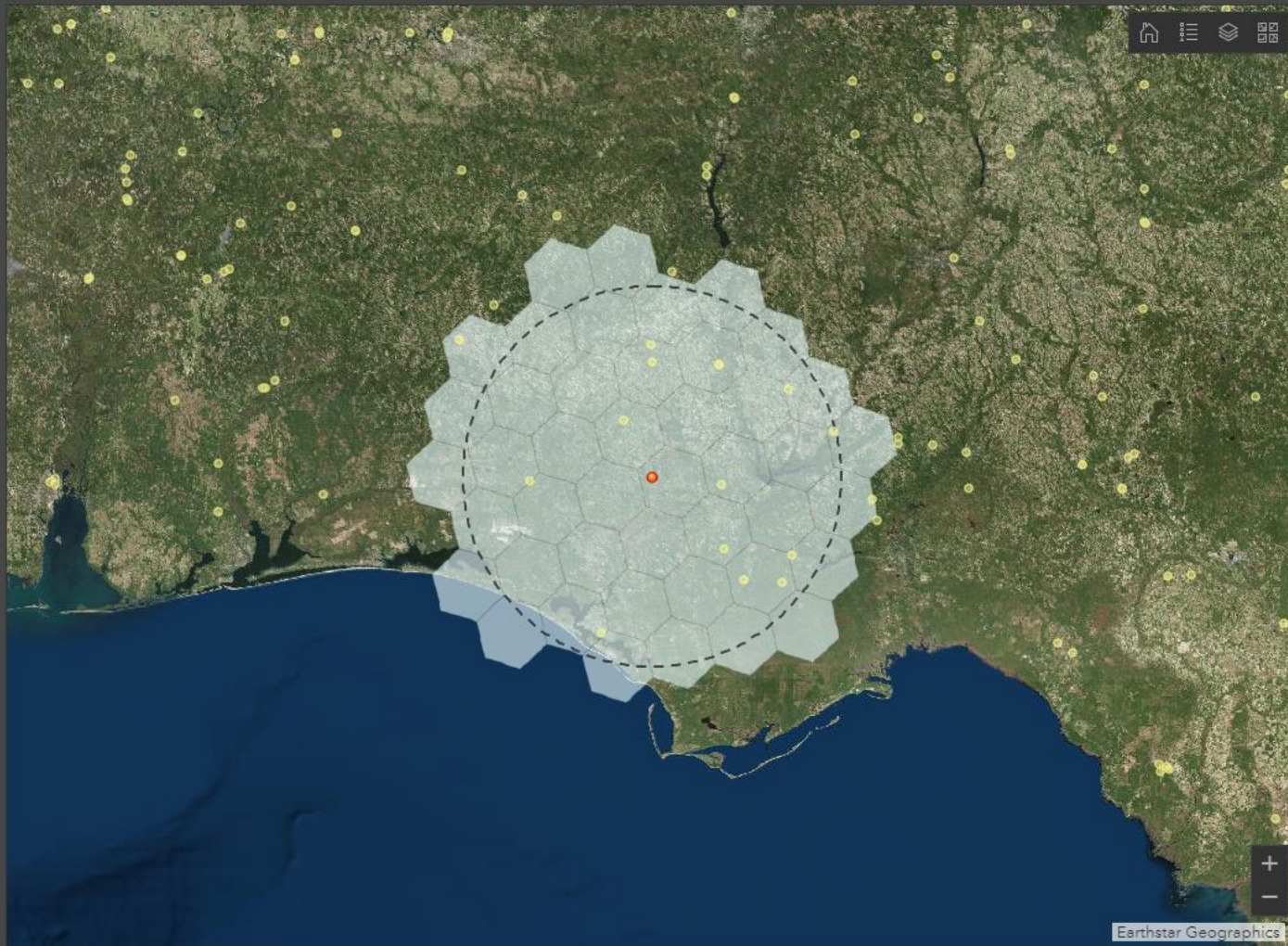
Select a Mill:

Enviva Cottondale

Enviva Biomass LP
Cottondale, FL

Enviva Pellets

Enviva Biomass LP
Epes, AL



Deforestation

within Region of Sourcing



Lower  Higher
Risk

-0.6% 
▼ Net Loss

Where timberlands are lost, losses are to..

Agriculture

Development

Other

0.3%

0.5%

0.5%

Percent Change Over 5 Years
(Overall Volume)

Group

Disclaimer

Summary

Deforestation

Forest Carbon/Growth & Drain

Illegal Harvesting

GMO Trees

Sustainability on the Ground

Forests & Forest Certifications



Mill Profile

Forests in Focus

Company Name

Enviva Biomass LP

State

No Selection

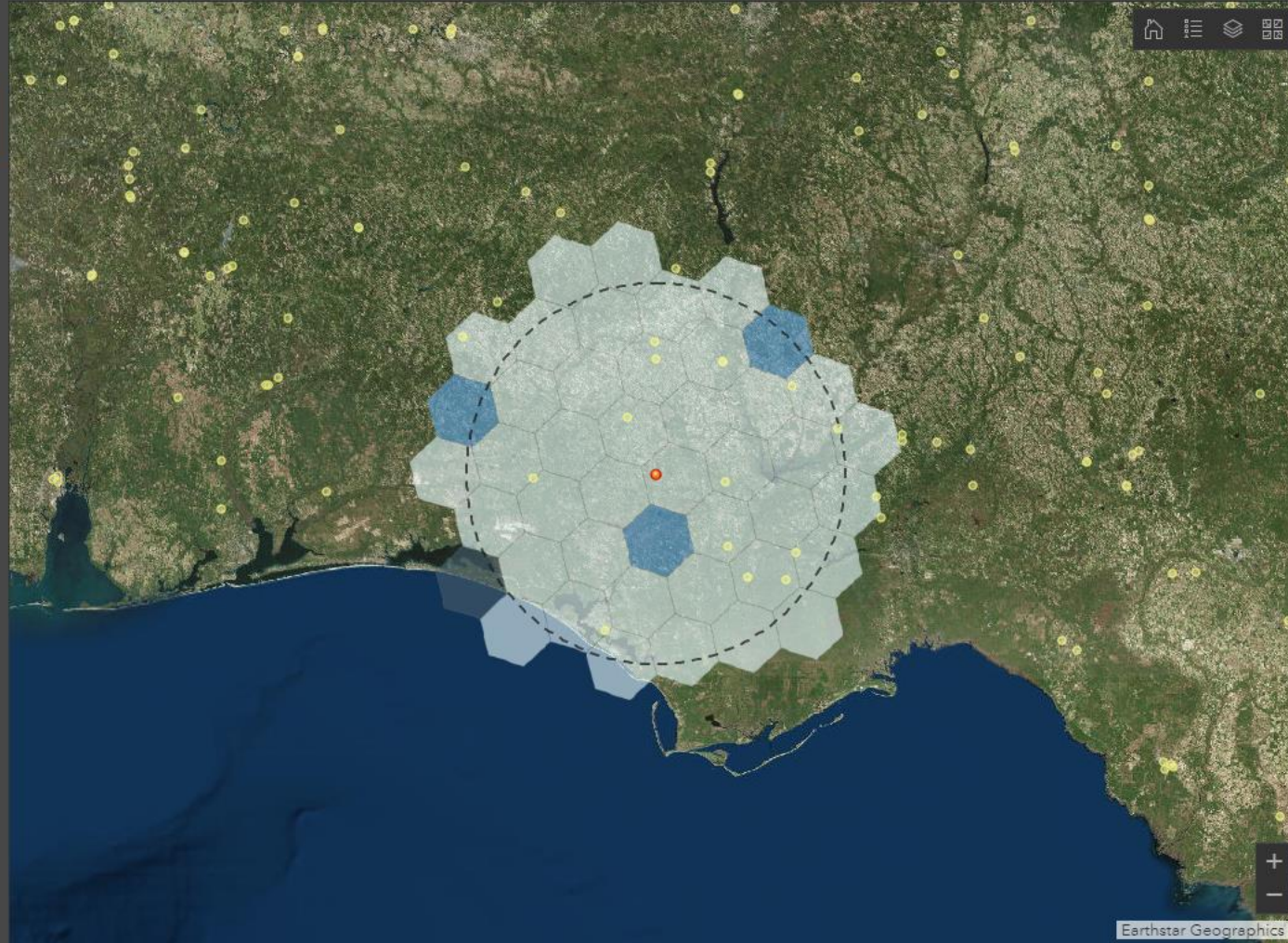
Select a Mill:

Enviva Cottondale

- Enviva Biomass LP
Cottondale, FL

Enviva Pellets

- Enviva Biomass LP
Epes, AL



Forest Carbon/Growth and Drain

within Region of Sourcing



Lower Higher
Risk

10.8%
▲ Net Gain

Gross Growth

29.1%

Removals

14.6%

Mortality

3.6%

Percent Change Over 5 Years
(Overall Volume)

Group

Disclaimer

Summary

Deforestation

Forest Carbon/Growth & Drain

Illegal Harvesting

GMO Trees

Sustainability on the Ground

Forests & Forest Certifications



American Forest Foundation



Mill Profile

Forests in Focus

Company Name

Enviva Biomass LP

State

No Selection

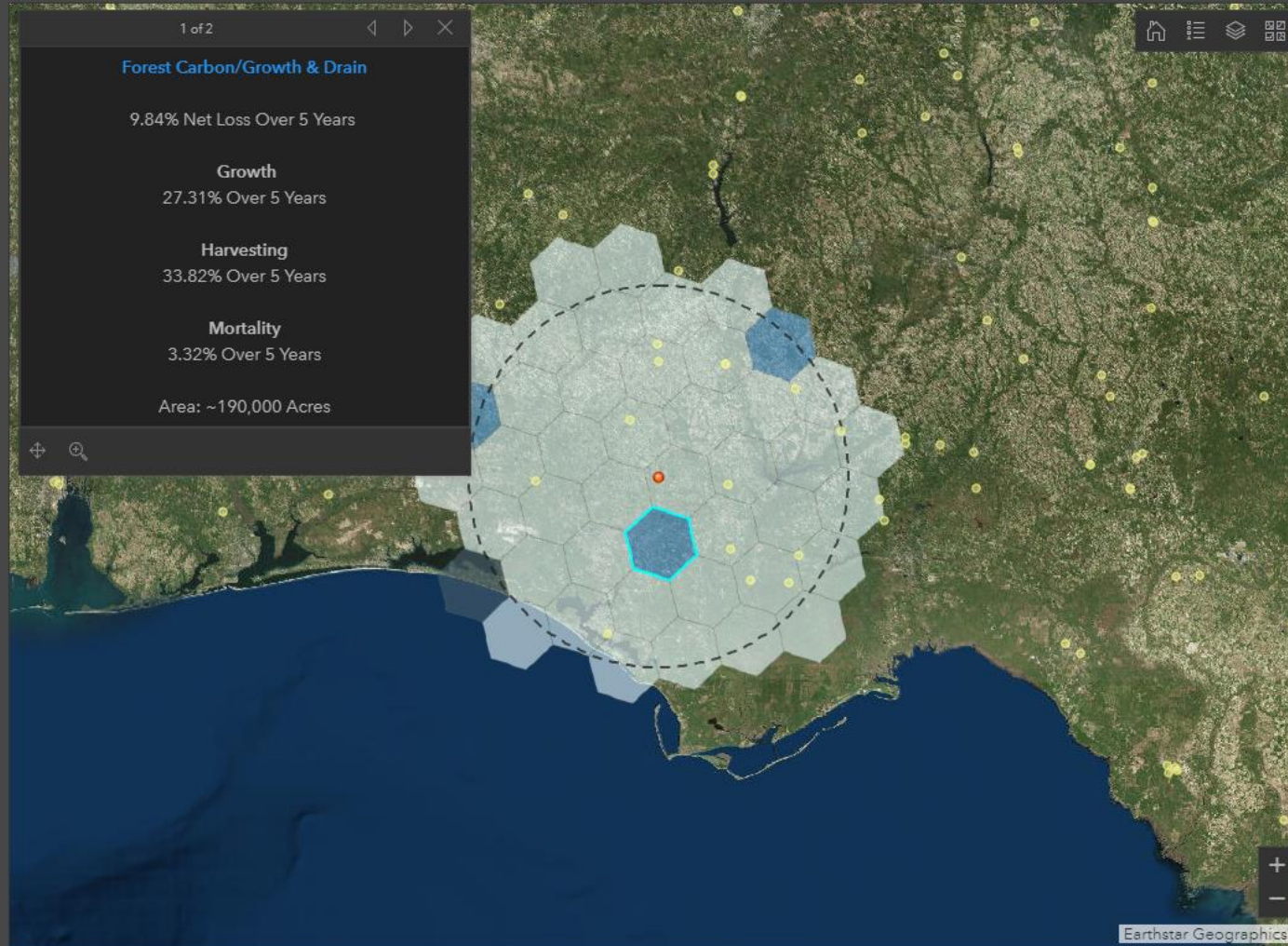
Select a Mill:

Enviva Cottondale

Enviva Biomass LP
Cottondale, FL

Enviva Pellets

Enviva Biomass LP
Epes, AL



Forest Carbon/Growth and Drain

within Region of Sourcing



Lower  Higher
Risk

10.8% 
▲ Net Gain

Gross Growth

29.1%

Removals

14.6%

Mortality

3.6%

Percent Change Over 5 Years
(Overall Volume)

Group

Disclaimer

Summary

Deforestation

Forest Carbon/Growth & Drain

Illegal Harvesting

GMO Trees

Sustainability on the Ground

Forests & Forest Certifications



Mill Profile

Forests in Focus

Company Name

Enviva Biomass LP

State

No Selection

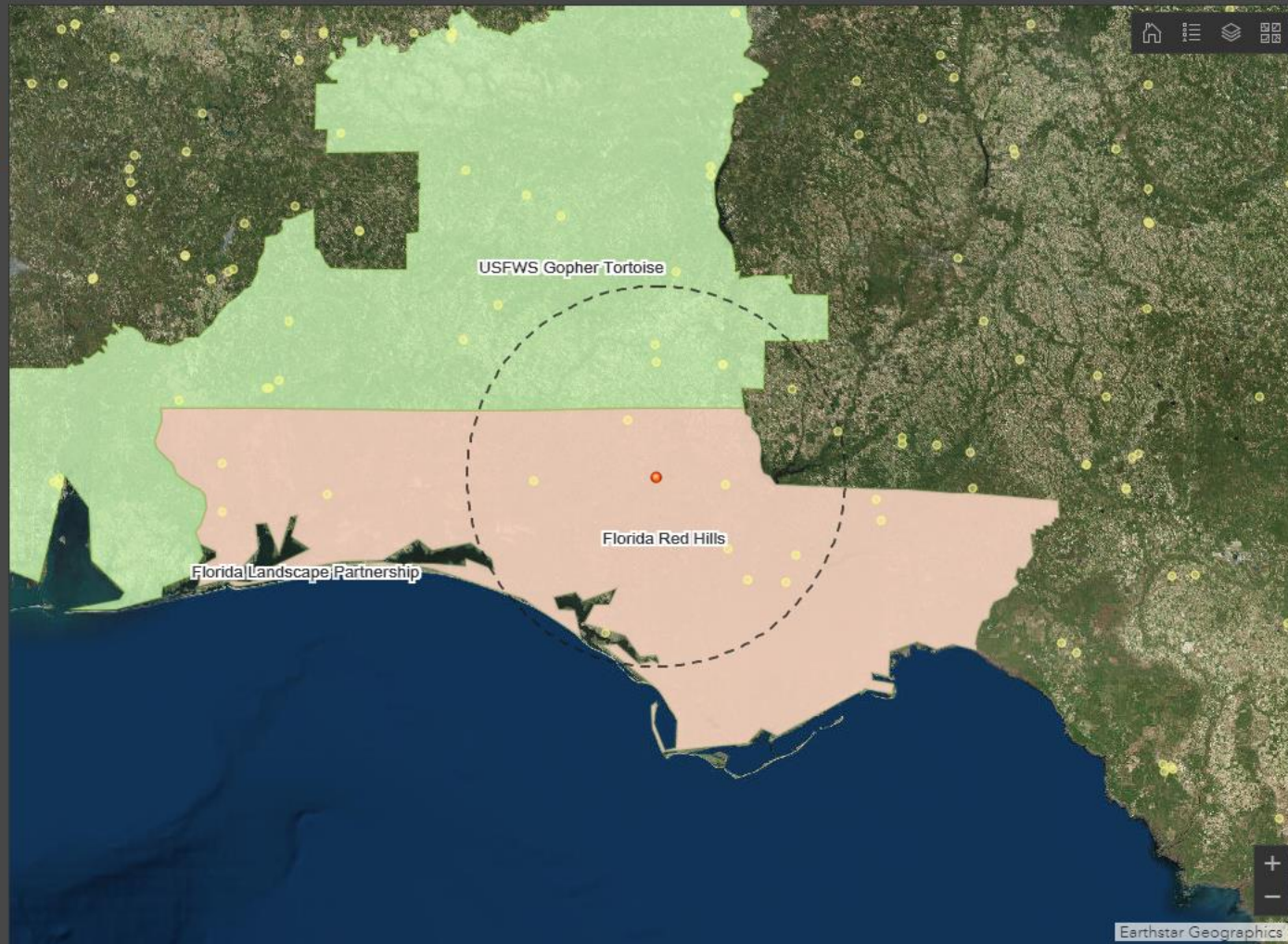
Select a Mill:

Enviva Cottondale

- Enviva Biomass LP
Cottondale, FL

Enviva Pellets

- Enviva Biomass LP
Epes, AL



Sustainability On the Ground

within Region of Sourcing

Total Number of Projects

3

Florida Landscape Partnership (Active)

USFWS Gopher Tortoise (Active)

Florida Red Hills (Unknown)

Group

Disclaimer

Summary

Deforestation

Forest Carbon/Growth & Drain

Illegal Harvesting

GMO Trees

Sustainability on the Ground

Forests & Forest Certifications



Mill Profile

Forests in Focus

Company Name

Enviva Biomass LP

State

No Selection

Select a Mill:

Enviva Cottondale

Enviva Biomass LP
Cottondale, FL

Enviva Pellets

Enviva Biomass LP
Epes, AL



Earthstar Geographics

Forest Management Certification

Total ATFS Certified Acres
within Region of Sourcing

475,203

Certification within Intersecting States

ATFS total acres	FSC total acres	SFI total acres
Alabama 2,463,152	Alabama 670,919	Alabama 2,933,599
Florida 812,448	Florida 126,404	Florida 1,744,636
Georgia 1,785,962	Georgia 81,601	Georgia 2,260,295

[Learn More About Forest Management Certification](#)

Group

Disclaimer

Summary

Deforestation

Forest Carbon/Growth & Drain

Illegal Harvesting

GMO Trees

Sustainability on the Ground

Forests & Forest Certifications

Forest in Focus: Current and Future Criteria

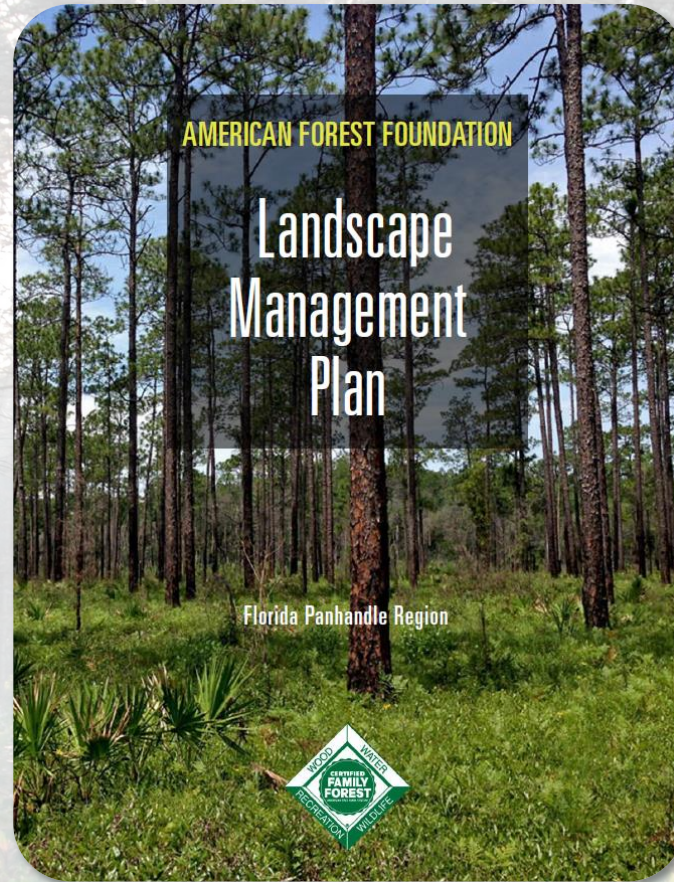
Current

- Deforestation
- Forest Carbon/Growth & Drain
- Forests & Certification
- Illegal Harvesting
- GMO Trees
- Sustainability on the Ground

Future

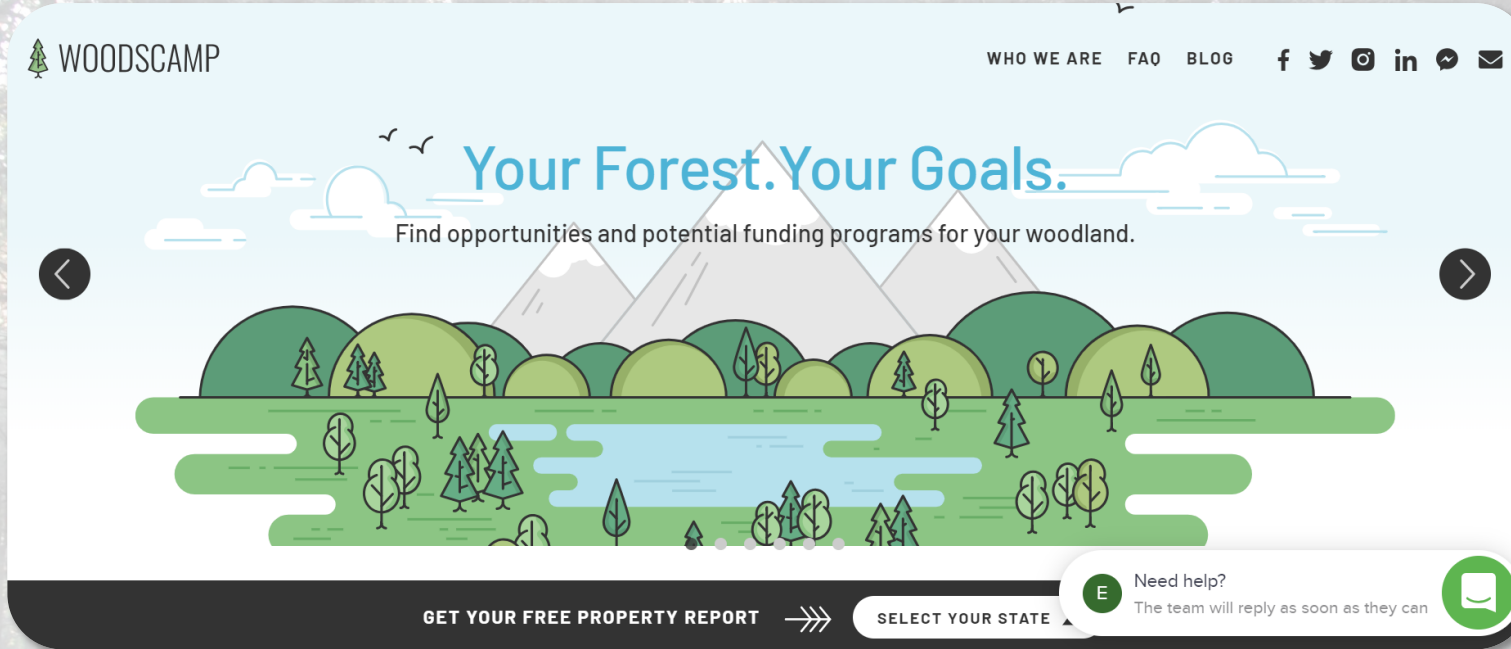
- Biodiversity
- Economic
- High Conservation Value Forests
- Social
- Water Quality





LMP: Serves the needs of individual landowners; Addresses issues at a regional level





WoodsCamp: Interactive tool and guidance for landowners; Customer Relationship Management tool for foresters and partners

