Seedlings to Solutions

Presented by Troy Harris

Jamestown

Disclaimer: This presentation was developed by a third party and is not funded by WoodWorks or the Softwood Lumber Board.

Benefits of Mass Timber Construction

Small Carbon Footprint

Mass timber buildings can have a total carbon footprint 1/3 SMALLER than similarly sized steel and concrete buildings

High R-value

R-value - a measure of an insulation's ability to reduce the rate of heat flow - is 400X HIGHER than steel (10x higher than concrete)

Extremely Light

Mass timber is 30-40% LIGHTER than concrete, enabling smaller foundations and less fuel consumed during transport

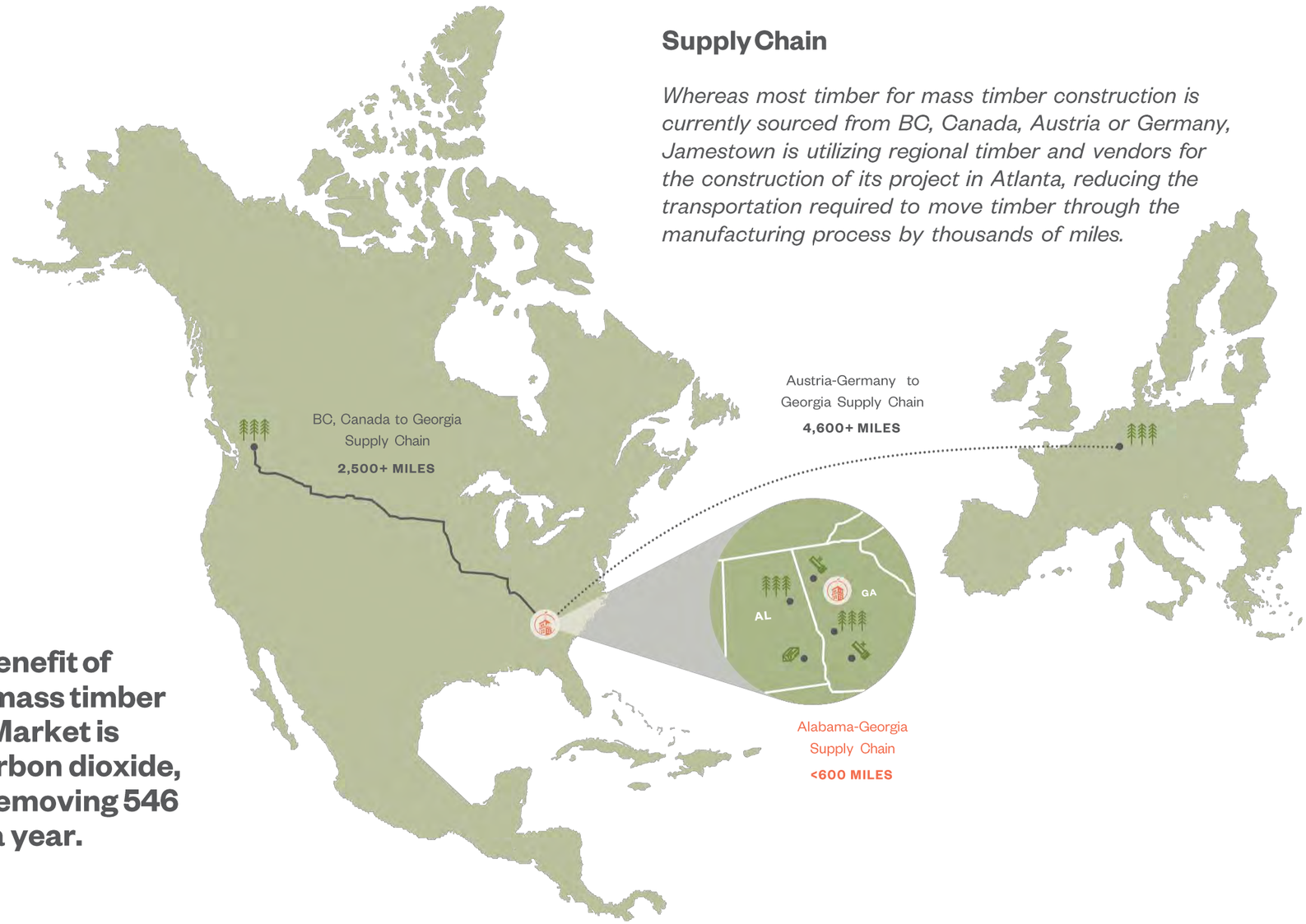
Source: ThinkWood.com

The potential carbon benefit of Jamestown's planned mass timber building at Ponce City Market is 2,583 metric tons of carbon dioxide, which is equivalent to removing 546 cars from the road for a year.

Source: WoodWorks Wood

Supply Chain

Whereas most timber for mass timber construction is currently sourced from BC, Canada, Austria or Germany, Jamestown is utilizing regional timber and vendors for the construction of its project in Atlanta, reducing the transportation required to move timber through the manufacturing process by thousands of miles.



Georgia-Grown Mass Timber Building

Timber is grown locally in Georgia and Alabama

Trees are harvested and taken to lumber mills in Georgia

Lumber is taken to a plant in Alabama to be manufactured into cross-laminated timber (CLT) panels

CLT panels are used to construct mass timber building at Ponce City Market in Atlanta

Seedlings to Solution

Ponce City Market Phase II

- 100 000 sf LEED Gold-designed office building featuring light-filled, customizable floorplates and private outdoor balconies
- 25,000 sf of retail and restaurant space, offering a seamless, direct connection to a new courtyard and the neighborhood

- **ESG Focused**
- Mass Timber (like CLT) is an environmentally-friendly, sustainable, and carbon-neutral alternative to traditional construction methods
- Utilizing sustainable materials is one component of Jamestown's commitment to achieve net zero operational carbon by 2050

Seedlings to Solutions

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ETI 213


ETI
213


034014


HYSTER
HYSTER 155
LH 266
HYSTER


800 – 652 – 4777
2x6 – 18 #2PRIME
Georgia Pacific – Mill # 457 – ALBANY SAWMILL
Product:720208
Run # 44391
SYP S4S KILN DRY
SAS43XQ
ACT:1 – 1/2inX5 – 1/2in
3.81cmX13.97cm – 5.486m
128 PCS 2304 BF
Georgia-Pacific
buildgp.com
Not a consumer label
SAS43XQ
Shift:
AutoTag
128 PCS
2304 BF
SAS43XQ


Ponce

Glulam Beams

CLT Panels


TOP


SMARTLAM
Jamestown
B06_30' 24F-V3
B04_30' 24F-V3


A


PONCE
CITY MARKET
THERE'S MORE TO
2ND FLOOR
west elm
west elm
west elm
LEFT TURN
YIELD
ON FLASHING
YELLOW
ARROW


KNAACK


HILTI


HyFlex


Jamestown
Jamestown
HILTI
VC 150-10 X


west elm
west elm

March 8, 2023
Day 10

March 24, 2023
Day 16

1st Floor Installed
April 25, 2023
Day 58

2nd Floor Installed
April 29, 2023
Day 62

3rd Floor Installed
May 8, 2023
Day 71

3rd Floor Installed
May 22, 2023
Day 85

4th Floor Installed
June 8, 2023
Day 102

4th Floor Topping Out
June 8, 2023
Day 109


LEASE TODAY

4th Floor Topping Out
June 15, 2023
Day 109


SLOW


SMOKEY


THIS IS
MASS TIMBER
EXPERIENCE
ITS SEEDLINGS
TO SOLUTIONS
STORY


THIS IS
MASS TIMBER
EXPERIENCE
ITS SEEDLINGS
TO SOLUTIONS
STORY
AMERICAN FAMILY
INSURANCE

Proposed Rendering

Proposed Rendering

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Proposed Rendering

Questions?

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Questions?

This concludes The American Institute of Architects Continuing Education Systems Course

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