Wood Up

– Hamilton as a zero wood waste city

Tripplex / Advance Nonwoven/
Minor Change Group
Introduction to Wood Up

_Closing the loop for wood – starting with acoustic panels, batts, sealing etc._

Two solutions

- **Triplex** - acoustic supplier with advanced approach to circular business models to close the loop for wooden panels.
- **Advance Nonwoven** - patented technology offers competitave upcycling of various fiber materials such as wood, textiles, bio fiber, mineral wool, glass fiber etc.
Applicability to retrofitting process

Two scenarios:

• Working with the reuse of wood for new panels (Triplex)
• Working with recycled wood into new panels (Triplex+ Advance Nonwoven+?)
Impacts

• Turning non-value materials into value.
• Beginning of true CO2-neutral houses
• It is estimated that 15 percent of all greenhouse gas emissions come from deforestation, according to the WWF.
• Beginning a new revolution in the wood industry.
• Local production – local jobs and social entrepreneurship.

- Just the beginning....
Business case

*Closed loops for wood will be the future – let’s get started*

**Tripplex** – recycle and reuse products for same price as other design panels. Possible to cut prices over time when sourcing and new value chain is optimised.
- Low cost start 300,000 – 1 mill. CAD
- Shipping is not possible, local production is a must,
- Local partner with network to the market and
- Advanced sales competences is needed.

**Advance Nonwoven** – low cost and efficient production facility gives a low cost production.
- Reducing costs with up to 40% of market price depending on the end product.
- Cost of a standard factory is 5-6 Mill. CAD

Various business models – sale, ventures, corporations, test facility etc.
Integration roadmap: Next steps

- **Tripplex:**
  2. Set-up - partners and investors joining forces.

- **Advance Nonwoven:**
  1. Define interest – investor, venture, sale?
  2. Build Nonwoven plant in Canada.