

SCALING UP SUSTAINABLE BIOCOMPOSITE TECHNOLOGIES

(A TTS Case Study & the Creation of NFT)



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BACKGROUND

- ★ **TTS started in 1998 as an applied biocomposite products development & testing operation with consulting services**
- ★ **Evolved into a BioComposites incubator operation in 2008**
- ★ **Built the 1st commercial spinoff in 2013**
- ★ **Experienced in commercializing biocomposite products and technologies**
- ★ **Currently focused on the 2nd commercial spinoff; NFT**

PLATFORM PRODUCTS



Composite panel



Fibre Mat



Fibre cement



Fibre plastic

1st COMMERCIAL SPINOFF

BioComposites Group (BCG)

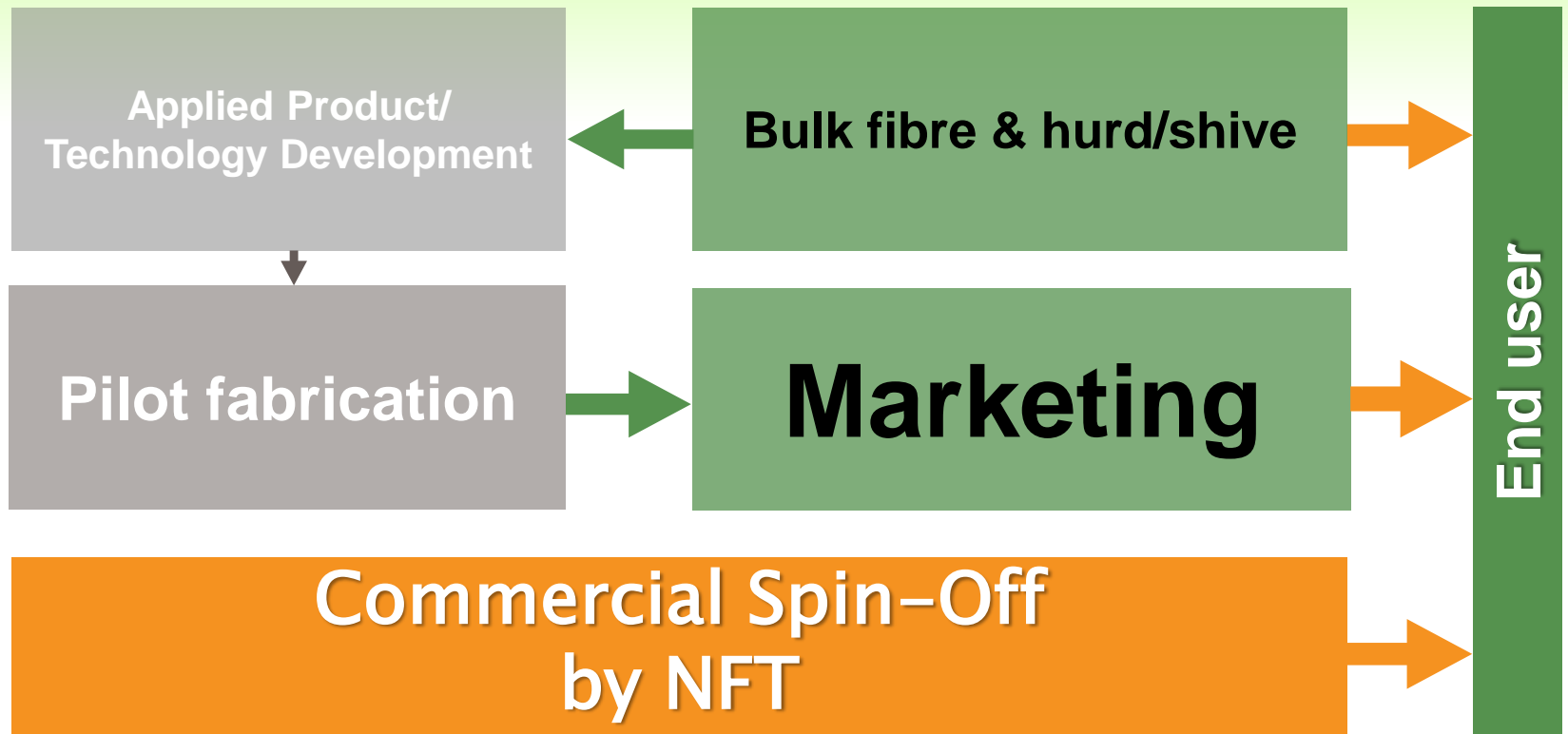


2nd COMMERCIAL SPINOFF

Natural Fibre Technologies (NFT)

- ★ Created as the commercialization arm of TTS products & technologies
- ★ Strategic alliance with TTS
- ★ Strategic alliance with a hemp food processor and individual farmers.

NFT-TTS Strategic Alliance



PRE-COMMERCIALIZATION

(Venture Development Strategy - Phase One)

1. BUILD

Rapid development of minimum viable products (MVPs) by TTS

2. VALIDATE

Continually test markets with customer interactions by NFT

3. INNOVATE

Create feedback loop to build and sustain validated markets by NFT



COMMERCIALIZATION

(Venture Development Strategy - Phase Two)

- ▶ **Scale-up Fibre Mat line**
 - ▶ **Target 12-18 months**
- ▶ **Scale-up Fibre Cement line**
 - ▶ **Target 12-18 months**
- ▶ **Build Composite Panel Plant**
 - ▶ **Target 2-3 years**

CURRENT FOCUS & VALUE PROPOSITION

★ CURRENT FOCUS

- ★ Pre-commercialization of TTS Products/Technologies
- ★ Scaling up (commercial spinoff)

★ VALUE PROPOSITION

- ★ Immediate value creation with the sells of MVP's
- ★ Prudent & validated venture development strategy
- ★ Validated commercialization track record
- ★ Flexible investment packages for financing partners