



# PAPYRUS AUSTRALIA

Managing Director's Presentation  
GM March 2011

# PAPYRUS MISSION

Papyrus' objective is to license its technology to suitable entities in locations where banana is grown.

This long-term goal includes two key areas:

1. Selling licences of the Papyrus technology
2. Developing and selling the Papyrus machinery for processing banana tree trunks

In order to sell our concept, we must first prove the validity of our technology, machinery and products, which has been the purpose of the Walkamin showcase factory.

# CONTENTS

- Snapshot
- Key Strategies:
  1. Walkamin Factory
  2. Product Testing and Sales
  3. AAMC
  4. Environmental Value
  5. Global Commercialisation
- Q and A

# WALKAMIN FACTORY

Purpose is to demonstrate:

1. that our technology can successfully be integrated and add value to the existing banana fruit industry
2. that our technology is capable of producing raw veneer, fibre and panels.
  - that the raw veneer can be mounted, laminated, and used by the existing furniture industry.
  - that the fibre can be used in the existing panel industry as an alternative to wood.
  - that the fibre panels made from banana fibre meets industry standards for certification.



**MOUNT UNCLE PLANTATION ENTRANCE  
225Ha BANANA PLANTATION**



**LADY FINGER BANANA PLANTATION NEAR THE FACTORY  
1500 – 3000 PLANTS PER HA**



**BANANA TREE TRUNK CROSS SECTION (FRESH)**



**BANANA TREES GROWTH IN 24 HOURS**



**HARVESTING TRUNK AND BUNCH USING A BANANA HARVESTER  
INVENTED BY PYPYRUS AUSTRALIA**



**HARVESTED TREE WITH A MATURE BUNCH CARRYING TREE (TO BE AVAILABLE FOR HARVESTING IN 6 MONTHS) AND 3 SUCKERS (ONLY ONE WILL BE CHOSEN TO SURVIVE)**



**MOUNT UNCLE PLANTATION DURING THE WET SEASON**





**BANANA TREE TRUNK TRANSPORTED TO THE FACTORY**



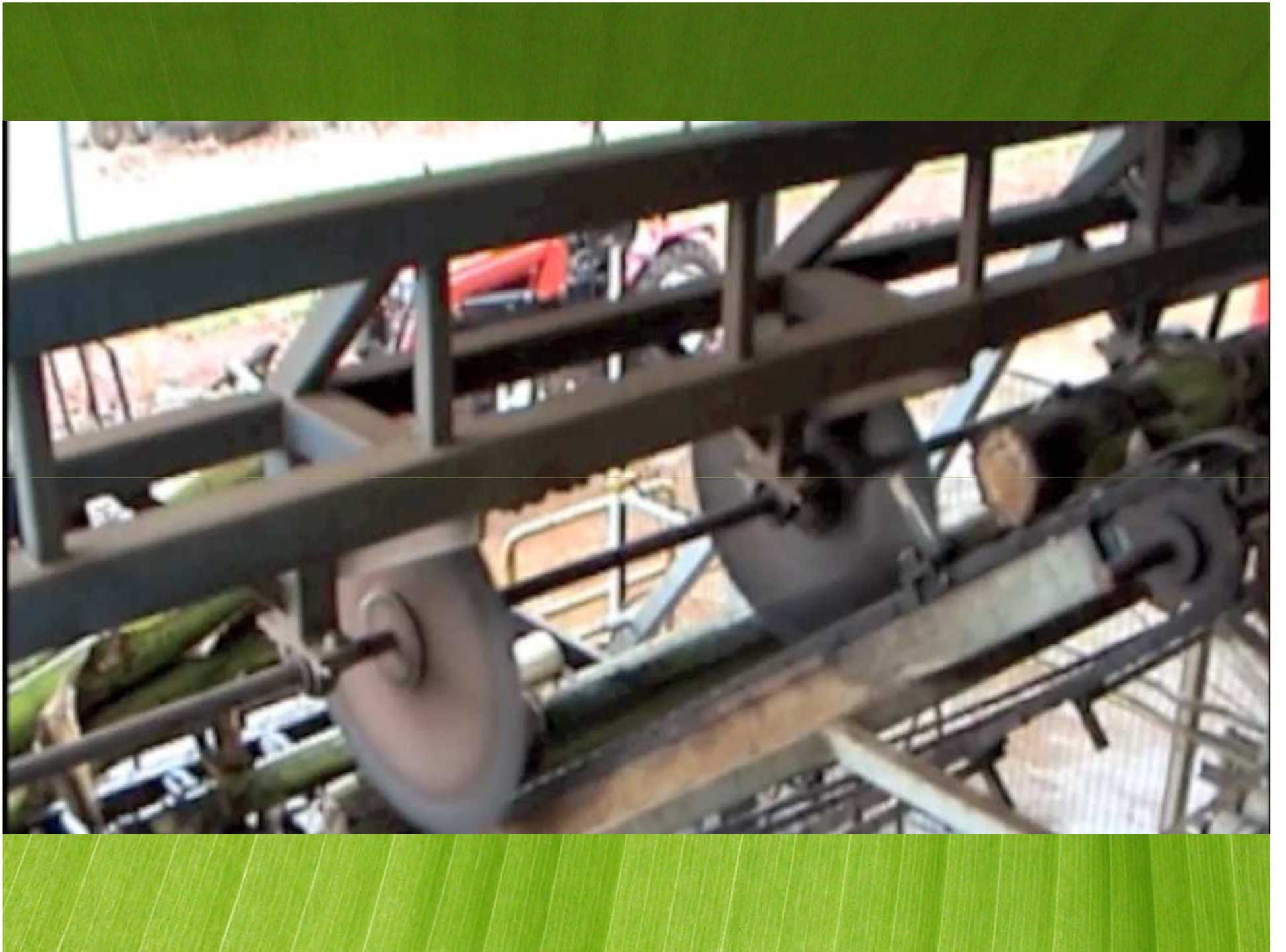
**BANANA TREE TRUNK TRANSPORT TRAILER**



**LOG YARD, INDEXING TABLE, ELEVATOR, BILLETISER, QUEUE & DISPENSER**



**A BANANA BILLET IN THE NEW DISPENSER  
(FEEDING IN SYSTEM)**





# PAPYRUS AUSTRALIA

VENEER PRODUCTS

# Veneer



# PRODUCT TESTING AND SALES

## Testing

- Testing the performance, application, useability, advantages and manufacturing techniques by working with existing furniture makers.
- Achieving products certification and compliance with standards

# PRODUCT TESTING AND SALES

## Sales

- Currently our veneer production is committed to fulfilling orders for 10,000m<sup>2</sup> of raw veneer. 2,000m<sup>2</sup> supplied to date.
- We are also working with suppliers to meet the demand for floorboards, kitchens and furniture using our veneer.

# DRY VENEER





**WALKAMIN FACTORY -  
DRIED UNTRIMMED CORE VENEER**



**WALKAMIN FACTORY  
DRIED TRIMMED CORE VENEER**



**WALKAMIN FACTORY  
DRIED TRIMMED CORE VENEER PACKED FOR EXPORT**



# PAPYRUS AUSTRALIA

MUSA TIMBER AND PANELS



**BANANA TREE TRUNK CROSS SECTION (FRESH BILLET)**





**WALKAMIN FACTORY  
OUTER VENEER PANEL RAW MATERIAL FOR STRAND BOARD**



**WALKAMIN FACTORY - NEW PANEL PRESS**



**WALKAMIN FACTORY - NEW PANEL PRESS**



**BANANA FIBRE BOARD PRODUCT DISPLAYED DURING THE MONACO  
YACHT SHOW SEPT 2009**



# PAPYRUS AUSTRALIA

FINAL PRODUCTS



**BANANA FIBRE BOARD MODEL BOAT FILLED WITH ACCELERANT AND SET ALIGHT UNTIL IT SELF EXTINGUISHED (THE BURN TIME WAS APPROXIMATELY 20MINS)**



**BANANA CAFÉ TABLES**



**BANANA CAFÉ TABLES**



**TV UNIT ON DISPLAY DURING THE MONACO YACHT SHOW SEPT 2009**



**WALL MOUNTED SPEAKERS**

DE FROM  
NANA TRUNKS



## FLOORING PRODUCTS

Supplied by



AUSTRALIA  
Papyrus

2011

## Green Timber Catalogue

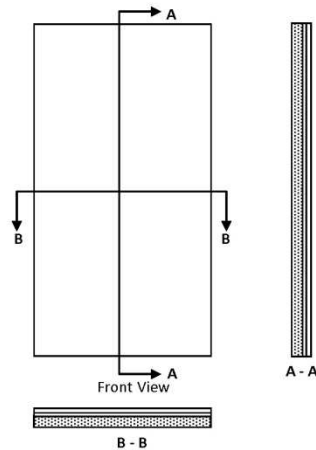


Inspiration of  
Green Timber



**Product Info.**  
 Series: ABINOS Face  
 SKU No.: 5VP - UPPF  
 Color/Item: 1035K1

**Product Details:**  
 Coverage: 1.62 (m<sup>2</sup>)  
 Thickness: 0.008 (m)  
 Length: 1.80 (m)  
 Width: 0.90 (m)  
 Weight: ≈ 9 (Kg)  
 No. of Faces: one face  
 Construction: No Fleece  
 Substrate Species: MDF  
 Design: Super Flat  
 Finish: Sealer  
 Edges: Plain  
 Ends: Plain  
 Price: /Board  
 All previous specifications can be modified on client demand.



**Methodology of Client Selection for Specification Code**

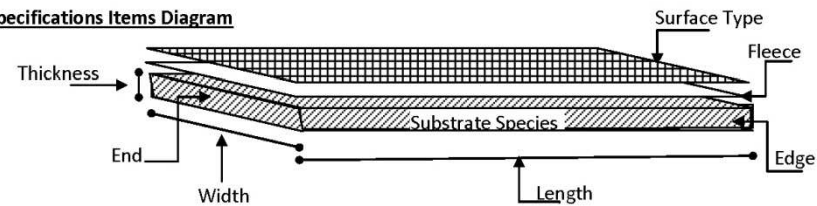
Specification Code is consist of three main items

- A- Series
- B- SKU. No.
- C- Colour/ Item

Series	Series Prefix				Series Name			
SKU. No.	Substrate Species Code	Pattern Code	Design Code	-	Edge Direction Code <b>OR</b> No. of faces	Edge Type Code	End Type Code	End Cut Angle
Colour/Item	Color Code				Dimension Code			

Specification Code Formula

**Specifications Items Diagram**



**How to trace Specification Code ?**

1- Specification Code consists of:

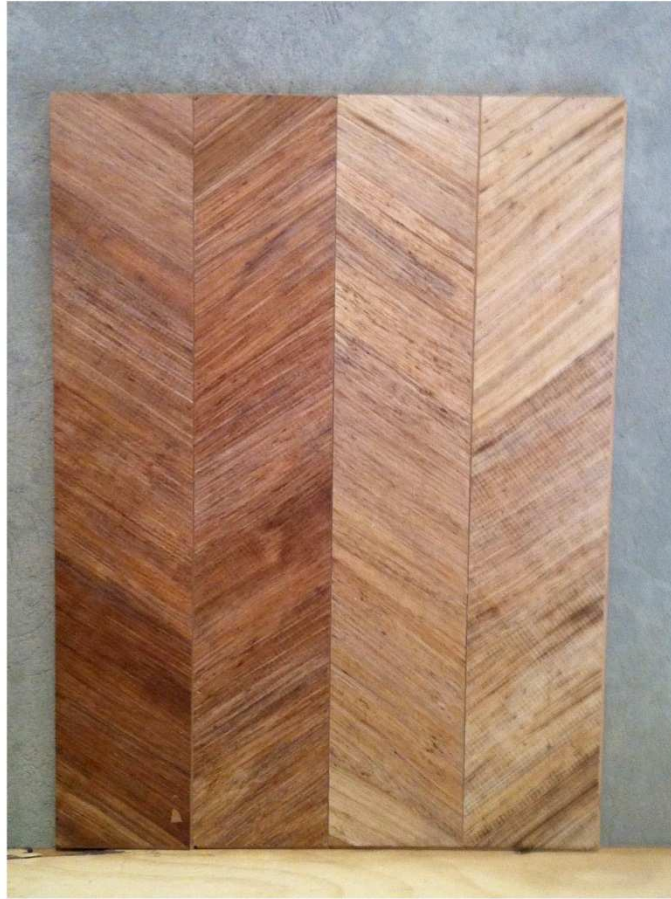
- A- Series: in   colour included several items, different values of each item are enclosed in table of   colour
- B- SKU. No.: in   colour included several items, different values of each item are enclosed in table of   colour
- C- Colour/ Item: in   colour included several items, different values of each item are enclosed in table of   colour

2- Selection of each item, values requested from tables

3- Combination of items using **Specification Code Formula** and **Specification items Diagram**













# AAMC

- AAMC is the machinery manufacturing company for Papyrus. Its role is to R&D, design, construct, maintain, test, install and commission machines.
- Responsible for the design & construction of everything at the Walkamin facility
- Constructions of two new Veneering Units is underway
- Acquired the tools and equipment of a local manufacturing workshop and 2 experienced staff. This acquisition provides AAMC with greater in house capacity to undertake work including that of protecting the company's intellectual property in machinery being manufactured.
- AAMC now is able to undertake specialist precision engineering tasks as an extra revenue source.

# ENVIRONMENTAL VALUE

- Independent expert report completed
- Significant opportunity to monetise the environmental benefits inherent in the technology.
- Tradeable Certified Emission Reductions (CERs) of up to €700k per year per factory.\*

\* Based on a proposed production model, future estimates of carbon prices and specific climate, natural and environmental conditions.



**BANANA TREE TRUNK CORE FIBRE (LONG, STRONG & WHITE)**



**DISCARDED BANANA TREE TRUNKS EMIT LARGE AMOUNTS OF METHANE AND CO<sub>2</sub>**



**CO<sub>2</sub> REDUCTION CREDITS ARE OBTAINABLE UNDER THE UN  
“CLEAN DEVELOPMENT MECHANISM”**

# GLOBAL COMMERCIALISATION

Information Memorandum widely distributed with the aim to find a suitable partner to commercialise the papyrus technology internationally:

- Signed Heads of Agreement with Citadel Capital
- Negotiations with Hayot continuing
- Negotiations with a major Netherland based international Company
- Negotiations with entities in Ecuador and Brazil

A close-up photograph of a green leaf, showing a prominent vein running diagonally across the frame. The leaf's surface is covered in fine, parallel veins. The text "Q & A" is overlaid in the center of the image in a large, black, sans-serif font.

Q & A

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