Papyrus Australia Ltd

AGM 2011



PPY SNAPSHOT (31 October 2011)



No. of Shareholders (approx.)	1,750
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Ordinary Shares on Issue 123,944,764

Unlisted Options on Issue 8,692,641

Market Capitalisation (approx.) \$6.82m

Funds Raised - Share Issues \$19.2m

Total Expenditure \$23.2m

Cash on Hand \$1.1m

PPY SNAPSHOT (22 November 2011)



1.	MR RAMY AZER <azer a="" c="" family=""></azer>	22,637,489	18.26
2.	MRS MARGARET FAY FULLER	10,000,000	8.07
3.	MRS MARCELLE BOCTOR	4,000,000	3.23
4.	MR ALLAN HARVEY MOFFATT < EST P N FLEMING A/C>	3,227,125	2.60
5.	STROUD NOMINEES PTY LTD < BYRT SUPER FUND-EM 'BYRT A/C>	2,356,061	2.00
6.	BIJO (SA) PTY LTD <azer a="" c="" family=""></azer>	1,750,000	1.00

PAPYRUS' EXPANSION PLANS – PAPYRUS EUROPE Highly confidential - Not for distribution to the general public

PAPYRUS EUROPE - Introduction



Papyrus Europe to market and trade Papyrus Technology Products



- Papyrus Europe will create demand for Papyrus Technology Products by focusing on those market segments which offer the most optimal mix of strategic visibility and long term profitability.
- Papyrus Europe will drive product development to create fit-to-application factory output.
- Papyrus Europe will establish a brand for Papyrus Technology Products to support European customers in marketing final products to B2B specifiers and consumers.
- Papyrus Europe will service European customers by coordinating product flow, providing warehousing facilities, technical support and quality control.

PAPYRUS EUROPE – Why Europe



Europe has a large market for panel and veneer products and has tightening environmental regulation

- There is a large market for veneer and panel products in Europe.
- Europe's building rating systems drive demand for energy efficient and environmental sustainable building materials.
- Europe's tightening environmental regulation pushes wood product customers to develop or purchase alternative processes and products.
- Europe's tightening environmental policy leads to higher costs for existing wood based panels producers.
- There is increasing consumer demand for "green" products.



PAPYRUS EU Steward Design Acoustic Panels







PAPYRUS EU Steward Design order





PAPYRUS EU – Team



- Papyrus Australia has identified an operational team for Papyrus Europe with a strong background in international business development and general management.
- As Papyrus Europe will be driving business expansion beyond the first factory, establishing a brand for Papyrus Technology products is key. The team has both strategic and operational skills ensuring the alignment of Papyrus Australia's long term interest with that of Papyrus Europe's shareholders.



Rob de Jong MBABusiness Development Director

Background as Managing Director, over 15 years interrnational experience in building materials and industrial marketing from companies like Hunter Douglas and Verosol.



Ir. Hein van Opstal MBA
Business Development Director

Background as Managing Director and entrepreneur, over 15 years interrnational experience in international trade, M&A and technology from companies like AT&T and private equity investors.



Dr. Ir. Ing. Gert Kema Industry Expert

Leading researcher at Plant Research International at the University of Wageningen, renowned expert on sustainable banana cultivation and increasing intrinsic resistance of cropping systems.



Yellow Pallet builds on the banana fiber technology developed by Papyrus Australia.

Yellow Pallet



convert to banana fiber

mix fiber and resin

press pallets

Papyrus has developed a patented technology to harvest and transfer banana pseudo stems to banana fiber.

harvest

pseudo stems

- It operates a factory in Walkamin which produces veneer and fiber. It has a joined venture in Egypt which will produce veneer and fiber in 2012.
- Papyrus aims to produce banana fiber panels.

Yellow Pallet has assembled a team of experts in packaging & pallets, bio-chemicals, production equipment and business development.

Yellow Pallet

- Yellow Pallet will develop its' technology in co-operation with Wageningen University.
- Yellow Pallet is in discussion with Chiquita as a launching customer.



Yellow Pallet will add equipment and proprietary resin to convert banana fiber chips into ISPM-15 compliant export pallets.

Yellow Pallet

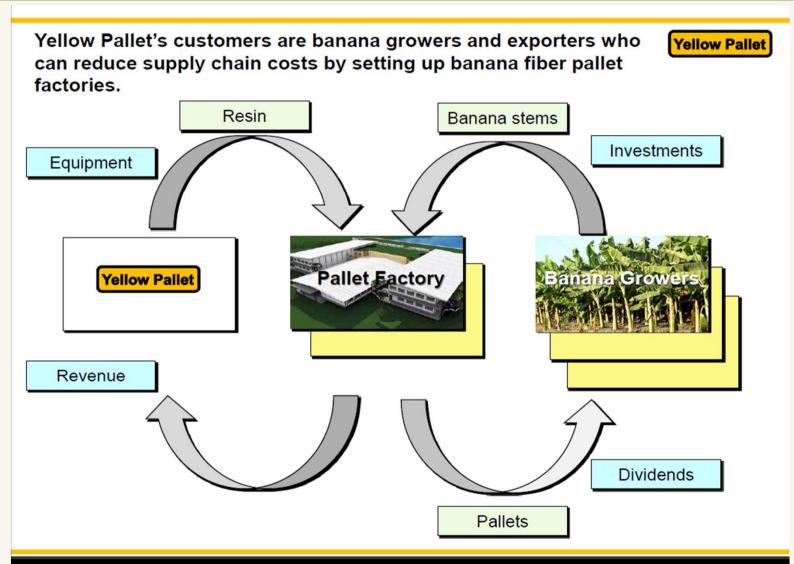














Yellow Pallet aims to set up 10 factories within the next 5 years each producing 1-2 mio. pallets annually.



Revenu from supplying equipment and building factories

Yellow Pallet

Factory build – operate – transfer: 4.5 mio Euro / factory Total funds needed for investment: 45 mio. Euro Management fee: 250.000 Euro per factory Set-up 10 factories: 47.5 mio Euro revenu of which 23% Gross Margin: 11 mio Euro



Revenu from supplying Yellow Mix:

Yellow Pallet

Resin revenu: 1,00 Euro per pallet Resin margin: 0,50 Euro per pallet Annual Revenu: 10-20 mio Euro Annual gross margin: 5-10 mio Euro



PAPYRUS' EXPANSION PLANS -**PAPYRUS EGYPT** Highly confidential - Not for distribution to the general public

PAPYRUS EGYPT – Introduction



Egypt is an ideal location to supply Europe

Egypt is a typical banana growing region close to Europe making it an ideal location for the first factory to supply the European markets.



PAPYRUS EGYPT – Why Egypt?



Egypt selected for the first factory to supply the European markets

- ✓ Low cost skilled labour
- ✓ Low cost energy
- ✓ Established infrastructure
- ✓ Proximity to European markets
- ✓ Strong local networks
- ✓ Existing relationships with Government and other key stakeholders

✓ Accessibility of raw material:

- -Existing banana growing industry, infrastructure and culture
- -More than 1 million tonnes of local annual banana production
- -56,508 ha of domestic banana harvesting area in 2008
- -Substantial cultivation of most fibrous banana plant types

√ Foreign investment incentives:

- -Reduced industrial land, property cost
- -Tax benefits for imported machines, material, chemicals
- -Tax benefits for product exports from Egypt to EU
- -Governmental facilitation and support in panel factory building
- -Subsidised labour training programs

PAPYRUS Egypt (Egyptian Forests)

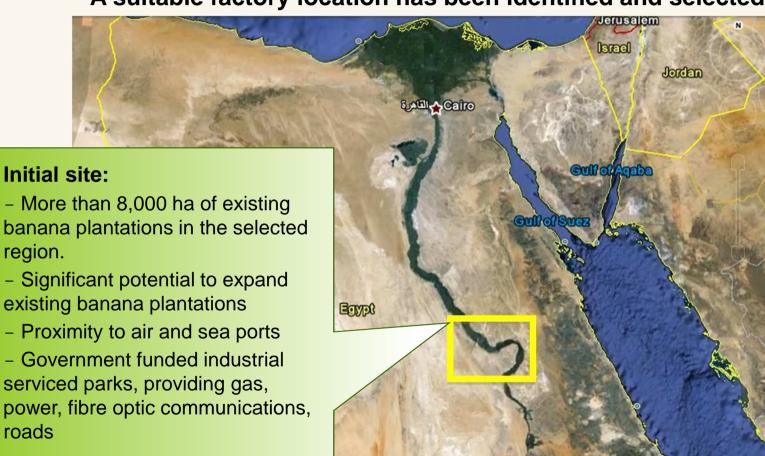




PAPYRUS EGYPT – Factory location



A suitable factory location has been identified and selected



PAPYRUS Egypt Banana Plantations between Sohag & Nag Hammadi





PAPYRUS EGYPT – Factory location



A suitable factory location has been secured



PAPYRUS Egypt Factory Land in Sohag





PAPYRUS EGYPT – Factory



Papyrus has a identified a company to operate the Egyptian factory

- Papyrus has identified The Egyptian Banana Fibre Company (EBFC) as the 50% JV partner in Papyrus Egypt.
- Purchase agreement to buy AU\$2M plant & equipment from Papyrus.
- Licence Agreement executed July 2011.
- EBFC has been a long standing customer of Papyrus Australia Ltd.
- EBFC has been buying veneer from the Walkamin factory to manufacture floor boards, doors, and decorative panels for the furniture and building markets.
- EBFC has been supplying their domestic market as well as export to their traditional export destination as well as to Papyrus Australia's customers in Europe.

PAPYRUS EGYPT – Factory location



Approximately 60km between PPY Egypt Factory & Nag Hammadi MDF Factory



PAPYRUS EGYPT – Factory



Papyrus Egypt production facility

- The factory will install 1xVeneering Unit with the capacity to process 60 tonnes banana tree trunk per hour.
- These unit will be operated for one 8 hr shift per day, 330 days per year, processing around 80,000 tonnes of Banana Tree Trunk per year.
- The operation of the Beta Veneering Unit has been proven at the Walkamin demonstration factory. Each new unit will be dry commissioned at the Papyrus facility in Adelaide, followed by wet commissioning at the Walkamin demonstration factory and will then be shipped to Egypt.
- Papyrus Egypt will have the capacity to produce around 2million m² veneer per year.
- Papyrus Egypt will utilise the veneer to produce 250,000 m² floorboards and 80,000 decorative and furniture panels (2440*1220*16mm).
- Papyrus Egypt will supply 25,000 tonne banana fibre to the Nag Hamady Fibre board Co. as raw material for MDF panel production.

PAPYRUS EGYPT – Nag Hamady Fibre Board Co.











PAPYRUS EGYPT – Production



Factory Capacity of 25,000 t of fibre and 2,000,000 m² veneer per year

RAW MATERIAL INPUT

(Banana Plantation)

Banana type:

Cavendish

Operating assumptions:

- 330 days/year
- 1x8 hour shift/day

Plantation area:

• 375 ha

BTT¹ mass:

•80,000 tonnes/year

Number of Billets² per BTT:

• 2

Number of Billets:

• 1,800,000/year

ANNUAL PRODUCTION OUTPUT and COSTS (at full capacity)

DECORATIVE PANEL RODUCTS Production Output:

80,000sheets of 16x1220x2440mm

Production Costs:

AU\$30/sheet

FLOOR BOARD RODUCTS

Production Output:

250,000 m²

Production Costs:

• AU\$6.5/m²

FIBRE PRODUCTS

Production Output:

• 25,000 tonne

Production Costs:

AU\$ 30/tonne

¹BTT – Banana tree trunk ²Billet – BTT cut to size to fit into round up machine



www.papyrusaustralia.com.au

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