

Plandaí Biotechnology Inc.



“Unlocking Nature’s Secrets”™

*Plandaí Biotechnology products
naturally improved Bioavailability*



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The Company



- Plandaí Biotechnology Inc. manufactures highly bioavailable extracts from live plant materials.
- Financing provided by \$13million loan from the Land Bank of South Africa, secured and funded – May 2012
- Plandaí control has notarial leases on an existing tea estate and other farms totaling more than 8500 acres (Tea/Timber/Avocados)
- Patent-pending processing technology
- Company implementing aggressive marketing strategy
- Trademark products: Phytofare™
- Focusing on finished product manufactures and distributors
- Management team with 50 years combined experience in the public arena (Fortune 500 & Privately held companies)

What is Phytofare™



- Super Green Tea
- Highly Bioavailable (60-80%) extract from live plant materials
- Proprietary extract providing up to 8x more absorption of antioxidants than any other product
- Main focus – Total catechin extract from green tea
- R&D – Carotenoids from tomatoes/Bio-flavanoids from citrus
- Extact market valued at \$20 Billion and growing at 14%/annum
- Phytofare™ extract – opaque/odorless and completely water soluble

Benefits

- Anti-oxidative and anti-aging effects
- Immune system enhancing effects
- Anti-microbial effects and cold prevention
- Controlling high blood sugar levels
- Controlling high blood pressure
- Controlling cholesterol
- Weight management

Malaria

Malaria vaccines are formulated to eliminate the mosquito parasite after it has entered the red blood cells.

Green tea extracts has been shown to:

- Contain the mosquito parasite transporter before it enters the red blood cells

Furthermore our extract has:

- Antioxidants naturally extracted from live green tea leaf
- No toxicity issue and side effects
- High bioavailability with efficient efficacy
- Low dosage addressing affordability to the masses
- Proven published independent scientific in-vitro and animal model studies.

Subsidiaries (% owned)

- Dunn Roman Holdings – Africa: Holding company (81% owned by Plandaí)
- Breakwood Trading 22 (Pty) Ltd (74% owned by Dunn Roman)
- Green Gold Biotechnology (Pty) Ltd (74% owned by Dunn Roman)

Corporate Structure



Dunn Roman Holdings (Pty) Ltd

- Licensee in Africa for the proprietary processing technology
- Holder of the notarial leases (49 years renewable) – 8500 Acres (existing Tea/Timber/Avocado)
- Majority shareholder in both subsidiaries

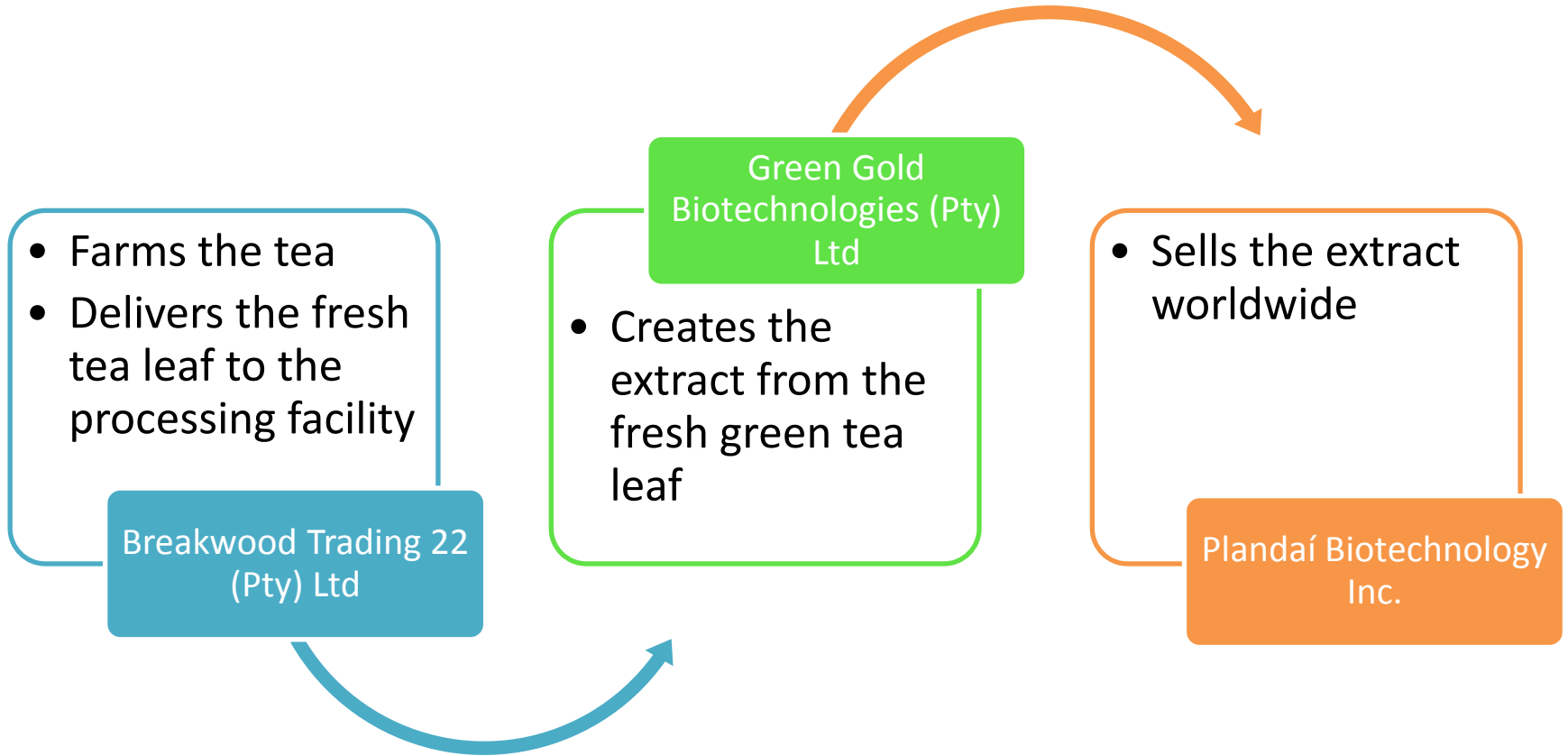
Breakwood Trading 22 (Pty) Ltd

- Farming arm of the holding company
- Approx. 2500 acres of land earmarked for tea
- Job creation for up to 500 employees
- Opportunities for community up-liftment through training and education
- Proprietary tea farming technology

Green Gold Biotechnology (Pty) Ltd

- Proprietary processing and extraction technology
- First of its kind in the world
- HACCP certified
- MCC certified

Business Model



Road Map 2012-2013

ROAD MAP 2012-2013

MAY '12

\$13million
loan executed

JUNE'12

Rejuvenation
project of
Senteeko
commences
Extraction and
Processing
plant ordered

Q3

Validation of
Plandaí total
catechin
extract

Q4

Extract
available for
market
research

Q1 '13

Processing
and extraction
plant
commissioned

Q2 '13

Commercial
grade extract
available for
wholesale to
the market

Management Team

- **Roger Duffield-President & CEO**

Roger Duffield has a significant background in the development and management of start-ups, private and public companies, especially in the United States, Europe and South Africa. He was awarded two honorary Russian doctorates in Natural Sciences from the University of Moscow and Novosibirsk. In 2001 the Foundation for International Services, California recognized a degree in BSc. Chemical Engineering.

- **Callum Baylis-Duffield – Vice President**

Callum Baylis-Duffield is a graduate in International Business with French (BA Hons) from the University of the West of England. From 2007-2010, he was employed by Johnson and Johnson UK as a marketing & sales manager of a proprietary surgical device. He has been involved with the research and development of the Plandaí's proprietary emulsions since 2004 and has worked extensively with the USA scientific team.

- **Andrew Loughor-Clarke – Estate Manager (South Africa)**

Andrew has been working in agriculture his whole life ranging from his family farms in South Africa to working for Outspan in London. He brings with him over 50 years experience of farming in South Africa as well as being tri – lingual.

Scientific Advisory Board

- **Dr Tom Matula – Chairman of the Scientific Board**

Dr. Matula is a world-renowned scientist and entrepreneur with expertise in medical and industrial applications of ultrasound. Dr. Matula is an author of about 40 peer-reviewed publications, and has several patents in the medical devices landscape.

- **Dr Ming Hu**

Dr. Ming Hu, Ph.D. is a professor of pharmaceuticals at the University of Houston. He is an expert in the intestinal absorption and metabolisms of drugs, natural chemicals and dietary ingredients. Dr. Hu has conceptualized the “Enteric Recycling” as a process of xenobiotic disposition, and proposed the “Revolving Door” theory to understand the coupling between conjugating enzyme and efflux transporters.

- **Dr. Volker Böhm Ph.D**

Dr. Volker Böhm gained his PhD in Food Science at Münster University has a double qualification in Food Science and Human Nutrition. He is world renowned for his specific expertise in the broad field of secondary plant products (carotenoids/ polyphenols) and is especially known for human intervention studies, isomer specific HPLC of carotenoids and the determination of antioxidant activity/capacity of single compounds as well as food and plasma extracts.

Financial Pro Forma - consolidated

Financial Pro-Forma Consolidated

In US Dollars	Financial Year 2013	Financial Year 2014	Financial Year 2015	Financial Year 2016	Financial Year 2017	TOTAL
	120 Tonnes@\$400/kg	120 Tonnes@\$500/kg	135 Tonnes @ \$500/kg	180 Tonnes @ \$500/kg	180 Tonnes @ \$600/kg	735 Tonnes:avg \$500/kg
REVENUE	48,000,000.00	60,000,000.00	67,500,000.00	90,000,000.00	108,000,000.00	
TOTAL REVENUE	48,000,000.00	60,000,000.00	67,500,000.00	90,000,000.00	108,000,000.00	373,500,000.00
COGS (\$40/kg extract)	4,800,000.00	5,280,000.00	6,534,000.00	9,583,200.00	10,540,800.00	36,738,000.00
TOTAL COGS	4,800,000.00	5,280,000.00	6,534,000.00	9,583,200.00	10,540,800.00	36,738,000.00
Sales (10% Revenue)	4,800,000.00	6,000,000.00	6,750,000.00	9,000,000.00	10,800,000.00	37,350,000.00
G&A (20% Revenue)	9,600,000.00	12,000,000.00	13,500,000.00	18,000,000.00	21,600,000.00	74,700,000.00
Research & Development (10% Revenue)	4,800,000.00	6,000,000.00	6,750,000.00	9,000,000.00	10,800,000.00	37,350,000.00
TOTAL SG&A/R&D	19,200,000.00	29,280,000.00	33,534,000.00	45,583,200.00	53,740,800.00	181,338,000.00
EDITDA	28,800,000.00	30,720,000.00	33,966,000.00	44,416,800.00	54,259,200.00	192,162,000.00
Taxes (25%)	7,200,000.00	7,680,000.00	8,491,500.00	11,104,200.00	13,564,800.00	48,040,500.00
Net Profit	21,600,000.00	23,040,000.00	25,474,500.00	33,312,600.00	40,694,400.00	144,121,500.00

Capitalization

- Plandai Biotechnology Inc trades on OTC Bulletin Board: **PLPL**
- PLPL Shares
 - Outstanding **101,415,300 (as of 12/31/11)**
 - Market Cap **27,382,000**
 - Avg. Volume **111,000**

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