

#### 16 NOVEMBER 2016

#### **INVESTOR PRESENTATION**

FOY Group Limited ("FOY" or "the Company") is currently seeking to re-comply with Chapters 1 and 2 of the ASX Listing Rules and be readmitted to the Official List of the ASX. Various approvals which are required in order to achieve this result were provided by the Company's shareholders at yesterday's Extraordinary General Meeting.

The Company lodged a prospectus with the Australian Securities and Investment Commission ("ASIC") on 3 November 2016 and a copy of that document was uploaded on the ASX Announcement platform on the same date. Please further note that on 23 September 2016 the company provided the market a comprehensive Investor Update with the title "Road Ready Fuel from End of Life Non Recyclable Plastics" ("Presentation"). On page 26 of the Presentation, the company made various statements in relation to its expansion strategy in Australia, China and North America ("Expansion Strategy Statements"). The Expansion Strategy Statements were not included in the prospectus

In its discussions with the Company in relation to the Prospectus, ASIC has referred to the Expansion Strategy Statements and has expressed a desire that, in terms of providing information on prospective matters, including for the purposes of the offer of shares under the prospectus (Offer), shareholders and investors alike be directed solely to the prospectus and not rely on the information contained in the Presentation. To facilitate ASIC's request and to ensure that the relisting of FOY is not unduly delayed, the Company today retracts the Presentation and attaches a revised Presentation excluding the Expansion Strategy Statements in replacement.

The Company expects to be in a position to lodge a Replacement Prospectus in a matter of days. In any event, the Directors will keep the market informed of all developments.

FOR FURTHER INFORMATION CONTACT:

David McIntosh, Director +61(0) 402 080 250

**ASX: FOY** 



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## Overview

FOY has developed and patented a 5th Generation Technology for the production of Road Ready Fuel from End of Life Non-Recyclable plastics destined for landfill

#### Unrivaled technology and financial benefits:

- Conventional proven technology from different industries
- Combined in a unique manner for plastics to fuel production
- Independent validation of concept and capabilities

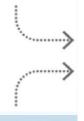


- Plastic use: Growing at 4 % pa
- Plastics to landfill is a global problem
- Initial off-shore target market: USA
- Next off-shore target market: China

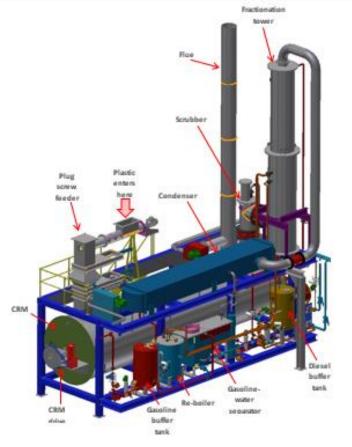
#### · Established market model with significant upside:

- Significant opportunity to increase market penetration in Australia and overseas
- Ongoing technology ownership and commercialisation rights











## Overview

#### Key Market Messages

SUSTAINABILITY IS OUR RESPONSIBILITY.......
IT STARTS WITH YOU, ME, YOUR FAMILY, THE GOVERNMENT, THE PEOPLE
YOU WORK WITH, SOCIALISE WITH, COME IN CONTACT WITH, AND EVEN
HAVE NEVER MET.

AT FOY WE PUT OUR ENTIRE FOCUS ON WORKING WITH MANUFACTURERS, GOVERNMENTS, COMMUNITIES TO GAIN MAXIMUM VALUE FROM END OF LIFE NON RECYCLABLE PLASTICS.

WE ARE NOT YOUR TYPICAL RECYCLING COMPANY.......
CHANGING THE WAY PEOPLE THINK ABOUT PLASTICS......

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## Investment Highlights







1 Proven Technology

Fully spec built unit in Berkley Vale, NSW.

2 Take and Pay Contracts

The sale of road ready fuel is easily achieved where Australian specifications standards are maintained.

3 Feed stock contracts

FOY has signed a 10 year fixed price contract for the supply of all feedstocks: delivered to the site gate, in a palletized, dry and baled format.

## Investment Highlights



ACT Investment:

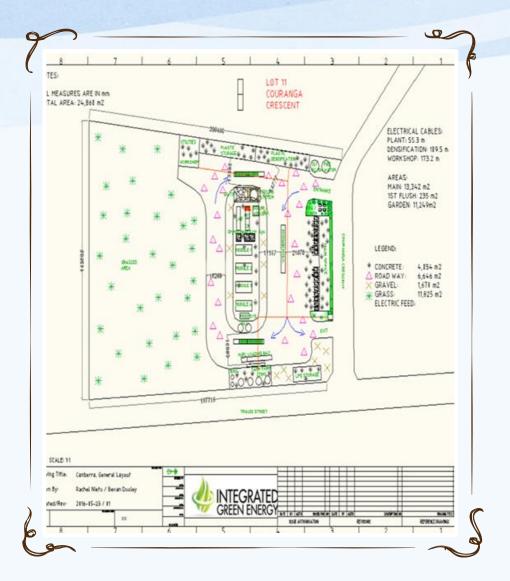
\$18.5 million to construct 4 \* 50TPD modules

ACT Investment:

The 4 modules will produce 70 million litres of road fuel pa.

ACT Investment:

The investment will produce full capacity from 4 modules by December 2017







#### The FOY 200TPD site in the ACT

#### Highlights:

4 \* 50TPD modules

Capacity to produce approx. 70 million litres of fuel pa

Aesthetically appealing with natural landscape

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# Industry Drivers

#### The Global Problem

8 million metric tons flowing into the ocean every year:

- One truck every minute
- Two trucks by 2030
- Three trucks by 2050

More plastic by weight in the sea than fish, by 2050!

## Industry Drivers



1 Landfill Diversion

Australia has some of the highest landfill disposal rates in the world: NSW: \$135.70 per tonne

2 Local Aggregators

Local waste aggregators are very keen to work with FOY to remove this cost impost from their operating budgets.

Strong Growth in Supply

The use of plastics in manufacturing and consumer use is growing at more than 4% per annum

## Industry Drivers

## Target Market

- Initial key target market encompasses "wholesale" distributors of road ready fuel and large trucking companies
- Significant overall market opportunity as evidenced by current contracted customer mix that spans:
- Transport providers
  - Tier 1 transport professionals small trucking companies
  - Tier 2 transport professionals couriers
- Public transportation providers
  - Government buses
  - Privately owned buses
- No intention to compete in the highly competitive retail consumer space

Group 1
Interstate
Trucking

Group 2 Local Heavy Trucking

Group 3

Local Couriers

Group 4
Public Buses

Group 5
Private Buses

Group 6
Other: Councils,
Airports

# Industry Landscape

- The majors service all customer categories and target both consumers and businesses with innovative business fuel card solutions.
- They compete on brand name, location, quality and target add-on sales at the cash register in terms of snack foods and accessories.
- There are a number of fuel importers in Australia that all compete on price
- The independent retail outlets compete on price.

## Industry Landscape

- FOY will not compete in the consumer passenger space.
- FOY will look to sell to both Independent Retail outlets where price and quality are the key marketing messages.
- FOY will sell to Wholesalers as a back up strategy for diesel and primary petrol customer.
- FOY will target large diesel users such as interstate transporters that have their own on site tank storage.

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AS OUR WORLD CONTINUES TO EXPAND, SO DO THE THREATS TO OUR NATURAL RESOURCES

LET'S USE WHAT WE HAVE ALREADY EXTRACTED BEFORE WE TAKE MORE.

## Vision Statement

A world in which no plastics pollute the planet and where renewable energy sources are maximised.

A world in which commerce, governments, families and environmentalists live in harmony and work towards the common goal of building a sustainable system of environmental protection that supports our current life-styles and benefits us all.

That is, the company has a zero harm policy and expects no negative environmental effect in the Canberra area. We expect a positive environmental effect in other areas as we reduce the amount of plastic being dumped into landfill and reduce the consumption of fossil fuels via crude oil extraction.

### Mission Statement

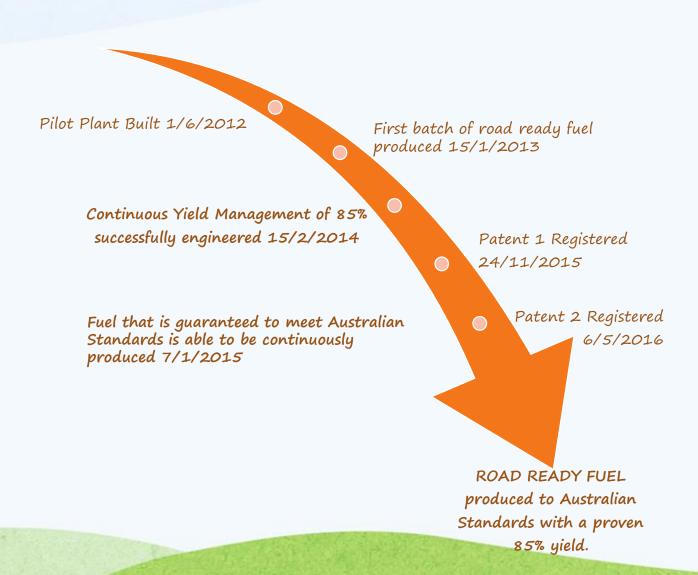
To remove from the environment all harmful end-of-life plastics that would otherwise go to land-fill or pollute our landscape and waterways by converting the plastic to a valuable resource.

To develop sustainable and renewable energy sources that can be used to support our lifestyles whilst protecting the future environment on our planet. To build a bridge between commerce, governments, families and environmentalists via practical, commercial, environmentally positive solutions.

## Values

Our values embrace respect, innovation, collaboration, integrity, accountability, passion, diversity, leadership, quality, commercial acumen, working smart and focusing on the big picture.

## History

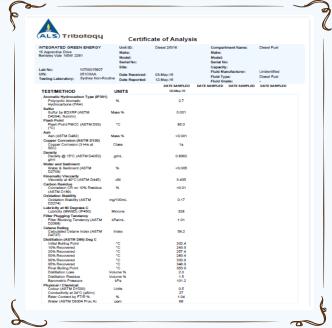


FOY has selected the best available techniques out of the PTF processing technologies currently available and adapted known oil refining, fractionation, contaminant removal and emission control technologies into the finished product processing to develop the world's first 5th Generation plastic to fuel technology.

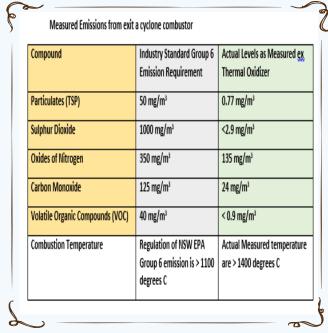
This adaption of known and proven technologies allows FOY to guarantee that the fuels produced from the plant will always meet international fuel standards in Australia, Europe, the Americas, Africa and Asia. The result: an international patented best practice process throughout the entire FOY production facility delivering Road Ready Fuel for End of Life Non-Recyclable Plastics.

The 4th and 5th generational changes underpinned by patents lead to minimal emissions, a wide range of inputs and an ability for continuous feeds. These factors combine to provide a technology which represents a major breakthrough for the industry and a potential for commercialisation that did not previously exist.

#### Product Features







Emission Control



Patented Technology

As a result of the adaption of proven technologies taken from various industries and their combination with the two new patents being acquired, FOY plastics to fuel technology has leapt to the fifth generation. This technology can now be considered the new foundation for the next generation of plastics to fuel technology. Each of these two patents represent a major generational change, and combined they represent a major paradigm shift for this industry.

#### Generation differences in Processing Plastic Feed Emission Control 1st Generation Core De-polymerization Process, all technologies Depolymerization Hydrocarbon Vapours 1d. Scrubber 2<sup>nd</sup> Generation 4th Generation Patent 1 Fractionation Diesel processing Diesel Condenser Gasoline processing Vacuum dryer Chilled 3<sup>rd</sup> Generation 5th Generation Condenser Patent 2 Impurity Extraction Gasoline-water Gas LPG separator compressor processing Storage tank farm Storage tank Gas cooler farm Gas Used As Kiln Fuel

## Product Features

The FOY product is a high quality road ready fuel that meets and exceeds all Australian and International fuel standards.

The emissions have been measured and modelled by external consultants:

- Less smell than at a service station fueling your car.
- Less noise than a two way conversation
- Less emissions than a single fire place

The FOY technology has taken what was considered to be international best practice 3rd and 4th generation technologies and improved the following aspects:

**Environmental Footprint** 

High temperature / residence time combustion chambers

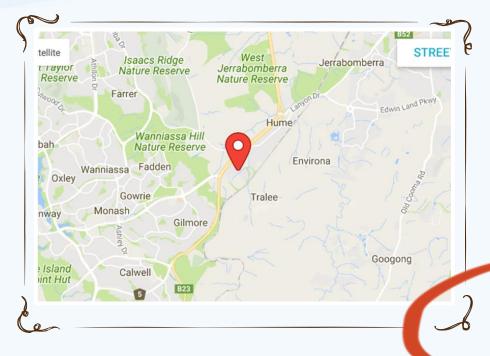
Reduced Energy Consumption by adding known conventional oil refining fractionation technology to the fractionation process

Improved Fuel Quality by in-situ vapour scrubbing common in the oilseed processing industry resulting in ash particles being recycled to the kiln

Integral Impurity extraction process to removes contaminants such as

- Oxygenated compounds
- Poly-aromatic hydrocarbons
- Sulphur compounds
- Color compounds

#### ACT Investment



Address: Block 11, section 21, 36 Couranga Crescent, Hume, ACT

Zoning: Industrial

Size: 24,868sqm



Purchased From: Land Development Agency (LDA)

Proposed Capacity: 200 TPD

## Offtake Contracts: Clients by priority



Interstate Trucking

- Large users
   of high
   quality low
   price diesel
- Onsite storage
- Highest margin to FOY
- PREFERRED



Independent retailers

- Non aligned to majors
- Quality and price
- Current customer
- Second highest margin to FOY



Wholesalers

- Able to take all non sold product including petrol
- Current customer
- Lowest margin to FOY

2

## Supply Contracts: End of life, Non Recyclable

FOY has secured 100% of its feedstock requirements guaranteed for 10 years. Supply can be increased to 1000+ tonnes per day with 6 months notice via a rolling forecast. Australia consumes more than 1.5 million tonnes of plastics annually.



ACT Landfill

ACT produces 15,000 Tonnes pa



Sydney Aggregator

Able to supply 50,000 Tonnes pa from a single source



Waste Management Majors

One site in Sydney produces approximately 35,000

Tonnes pa

The ACT site requires 66,000 Tonnes per annum to produce 70 Million Litres of fuel

## Geographic Reach

Current build up of awareness, sales pipeline and growth opportunities, particularly in the key markets of North America and China.

GEP has been identified as FOY's US business partner.

FOY has appointed a Chinese business development partner to commercialise the FOY technology.

An opportunity exists to significantly increase sales and marketing efforts in these markets to capitalise on the work to date.



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# Key Personnel

Paul Dickson Executive Chairman	29 years experience in business management and has worked across all facets of global multinationals and recently founded, operated, and sold his own business after 9 years of operating a public company operating in Australia, NZ and South Africa. Brings vision, strategy, and a wealth of real world experience.					
Stuart Clark Managing Director	Has held senior roles with both ASX listed and major international conglomerates as well as senior finance roles with successful start-ups. He has extensive commercial, finance and management experience with strong operational and strategic skills.					
Bevan Dooley Non-Executive Director	20 years of experience in the energy, fuel and chemical processing industries. Developer of technology and a major shareholder of FOY. Has worked in the fuel industry for 20 years from design and construction of large fuel plants to the sales of fuel here and abroad.					
Kilroy Genia Non-Executive Director	Mr Genia has broad experience in both private and government enterprises having spent nine years holding various Ministerial positions in the PNG Government					
Joshua Herbertson CFO	As CFO and company secretary is responsible for all administrative and IT matters. Mr Herbertson has a Bachelor of Commerce and is a qualified CPA.					

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## Financials POST Completion

Market cap: \$75 mil Shares on issue: 376.5 mil Options on issue: 185.6 mil

Capital raising share price:
20 cents

ASX sector is currently Metals
& Mining

# Financing PROGRAM

FOY GROUP LIMITED	CAPI	TAL STRUCT	TURE AFTER \$18.5	MILLION RAISE	AND AFTER BS	A VARIATION DEED EXECUTED	
			SHARES	OPTIONS	FUNDS RAISED	NOTES	
SHARES ON ISSUE PRE COMPLETION			74,269,187	37,633,485		Funds raised to this date used for due diligence costs and to maintain exploration licences in PNG with various expiry dates up to 31 December 2019	
PLACEMENT OF \$18.5 MILLION SHARES @ 20 CENTS	\$	0.2000	92,500,000	( ·	\$18,500,000	Funds used in construction of plant at Hume, ACT, to 200 tpd capacity	
SUBTOTAL		uba S	166,769,187	37,633,485			
GE COMPLETION SECURITIES			209,700,000	148,000,000		Options issued to IGE have an exercise price of \$0.40 up to 31/12/2020	
SHARES ON ISSUE POST COMPLETION			376,469,187	185,633,485			
GE MILESTONE SECURITIES UPON REACHING INITIAL EBITDA OF \$5 MILLION			23,200,000	112,900,000		Milestone securities issued to IGE after meeting pre defined EBITDA targets of \$5 million. Options issued to IGE have an exercise price of \$0.40 up to	
TOTAL SHARES AND OPTIONS AFTER MILESTONE SECURITIES ISSUED		VIEC	399,669,187	298,533,485	18,500,000		
TOTAL IGE INTEREST (excluding associates)			232,900,000	260,900,000			

- Offer of \$18.5M under prospectus in preparation for re-admission to ASX
- Financing used to construct and commission a plant at Hume, ACT, to 200t per day capacity and develop other opportunities

# Major shareholders and spread post completion

There are currently 1,639 shareholders in FOY.

The top 10 post completion shareholders (pre-allocation of the 92.5 million shares on issue and before options are exercised) are:

Fandola Investments Pty Ltd Rebelly Healthcare (Shanghai) Ltd TVI PACIFIC INC Adrian Phillip Lake CVO Family Investments Pty Ltd Healey Enterprises Australia Pty Ltd Bevan Dooley Alpha Darling Btola Pty Ltd	30% 16% 5% 2% 2% 2% 1% 1%
10 Neems Holdings Pty Ltd	1%

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# Highlights



Proven, patented technology operating at commercial scale

Competitive advantages in terms of low quality input, high quality output volumes and margins

Low input costs and high value output

Minimal capex, short construction times, easy roll-out and low opex

Long term supply contracts for non-recyclable feed-stock

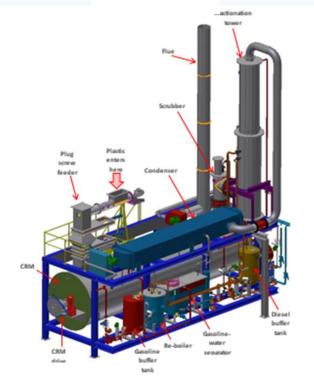
Large scope for international expansion due to world-wide pollution issues

Investors / Prospectus to raise: \$18.5 million

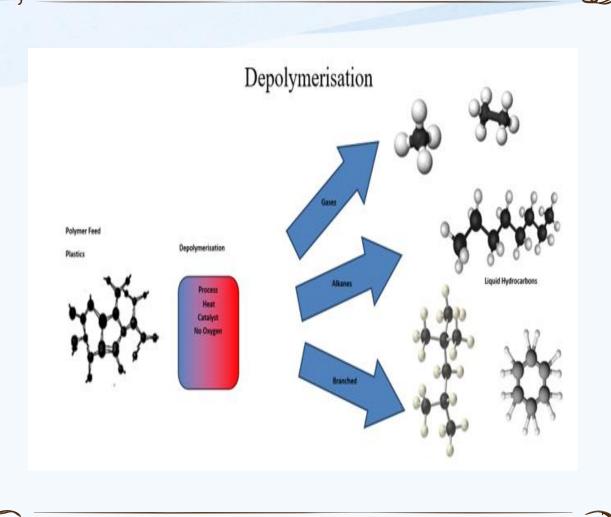
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## Industry Landscape



#### Primary process: Generation of Synthetic Crude Oil

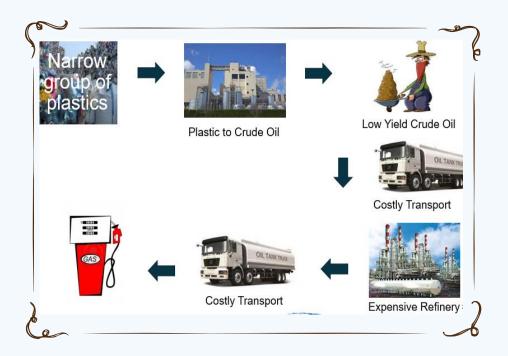
Currently all plastics to fuels technologies around the world start with the generation of crude oil and are founded on the same principles and operations which are:

- Plastics are polymers groups of hydrocarbons which have chemical bonds which link together to form high molecular weight solids;
- In general, higher molecular weight materials have higher melting points and are stronger but more brittle;
- Plastic is size reduced and densified to allow ease of handling into the process
- Plastic is fed into a heating device in the absence of oxygen
- If subjected to sufficient heat exceeding the engineered limits of the polymers, these bonds will begin to break down, a process called depolymerisation, forming molecules of lower molecular weight;
- Under the correct conditions and in the presence of a catalyst these lower molecular weight materials will fall into the range of crude oil from which LPG, petrol, and diesel can be fractionated;
- The gas is cooled to liquefy hydrocarbons Non-condensable gases are used to power the process or burnt off in some manner

# Industry Landscape

Technology Supplier	Regions	Available Design Capacities	Petroleum Product/s
Agilyx	North America	50 TPD	Light Sweet Synthetic Crude
Cynar	Europe, Latin America	20 MTPD	Middle Distillate Diesel blendstock (CynDieselTM), Light Oil (CynLiteTM), Kerosene (CynKeroTM)
Blest	International	5, 16, 21 TPD	
Golden Renewables	US	24 TPD	Diesel blendstock Gasoline blendstock
JBI	US	20-30 TPD	Naphtha Diesel Blendstock Fuel Oil #6
Klean Industries	International	3, 5, 10, 15, 20, 25, 30, 50, 100, 150 MTPD	Light, Middle, and Heavy Distillate Fuel Oils
MK Aromatics Limited / Polymer Energy (Technology Supplier)	India	10 MTPD	Light Sweet Synthetic Crude
Nexus Fuels	US	50 TPD	Light Sweet Synthetic Crude and distillate fuel oils depending on configuration
PARC	China	15, 25, 60 MTPD	Light Sweet Synthetic Crude
PK Clean	US	10, 20 TPD	Light Sweet Synthetic Crude
Pyrocrat Systems LLP	India	3,6,12 MTPD	Light Sweet Synthetic Crude
RES Polyflow	US	60 TPD	Naphtha blendstock, distillate blendstock and heavy oil
/adxx	US	60 TPD	Light end/Naphtha, Middle distillate diesel fuel No 2

FOY recognizes that all current PTF technologies are essentially pyrolysis technologies with subtle differences in heating and product purification technology. FOY has selected the best available techniques out of the PTF processing technologies currently available and adapted known oil refining, fractionation, contaminant removal and emission control technologies into the finished product processing to develop the world's first 5th Generation plastic to fuel technology.



Other technologies have not been commercialised. The unique combination of processes and technologies which form the components of the FOY patents eliminate a range of issues that the PTF industry has contended with historically and thus allows a high yield, high quality, high volume output whilst maintaining the lowest possible emission profile.