FOY GROUP LTD

LANDFILL DIVERSION FACILITY

Community Engagement

- Solution to world-wide plastics pollution problem
- Unique Australian patented technology
- 5th generation conversion technology leveraging state of the art vapour release to minimise air emissions
- Production of high quality, road ready fuels
- Creating jobs in the ACT
- Diversion of non-recyclable plastics from landfill
- International expansion by utilising local technology and ACT manufacturing

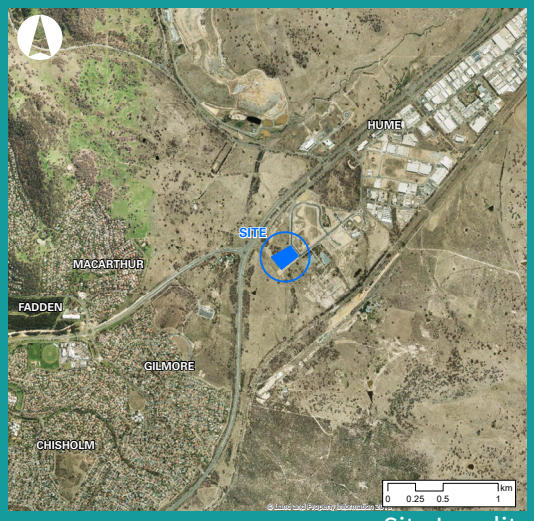
Block 11 Section 21 Hume

FOY Group Limited (FOY) is proposing to construct a non-recyclable plastic to liquid fuel facility on Block 11 Section 21, in the New West Industry Park, Hume.

The proposed facility will utilise end-of-life, non-recyclable, low quality plastics that would normally be landfilled, with the end products being road ready diesel and petrol.

The facility will incorporate FOY's proprietary technology designed to exceed world's best practice in emission management and operating systems. FOY and its members have been in the process of developing this technology for over 15 years.

The proposal is a response to an emerging global problem of non-recyclable plastics either being sent to landfill or ending up in the ocean. This proposal aligns with the ACT's Waste Management Strategy 2011-2025 promoting higher order uses and reducing landfill whilst creating local jobs and diversification of the ACT's economic base.



Site Locality

The Proposal

- Staged construction of a 200 tonne per day landfill diversion facility
- Site will employ 5th generation plastics to fuel technology to minimise air emissions
- Exceeds Australian standards for safety and liquid fuel outputs
- Inputs for processing are end-of-life, non-recyclable, low quality plastics
- Technology specifically designed to minimise any impacts to the environment and the community
- Capital Investment of $15 million in the ACT
- Environmental Impact Study has been completed
- Planned construction and operation by mid 2017

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Solution to a Growing Global Pollution Problem

- By 2050 there will be more plastics than fish in the ocean by weight
- Plastics are considered essential in manufacturing and daily life: growing at 4% pa
- Hundreds of millions of tonnes are produced globally each year, this creates an environmental issue on disposal
- Plastics sent to landfill take 1000's of years to decompose leaking pollutants into soil and water
- Non-recyclable plastics are a valuable energy resource
- The FOY conversion process is an advanced technology which will substantially contribute to the resolution of this growing, international issue of plastic pollution

Benefits

- Diverts non-recyclable plastics from landfill
- Lower carbon footprint due to reduced energy consumption
- Less energy required than conversion of crude oil to fuel
- Employment for 20 full time, permanent employees and 30 contractors for operation of the local facility
- Reduction of crude oil imports
- Increase to domestic fuel security
- Will employ an additional 100 fulltime staff and 100 contractors through the manufacturing and exporting of the FOY technology

PLASTICS:
In excess of 1.5 million tonnes consumed pa in Australia

- 1 tonne of plastic makes 1,062 litres of road-ready fuel
- End-of-life, non-recyclable, low quality plastics are used
- High quality, road ready petrol and diesel are produced
- 10 year feedstock and off-take contracts are in place
- Local investment of $15 million in the ACT economy

Environmental Controls

Environmental assessment for the proposal has been undertaken and has established that:

- The FOY system is a closed system minimising emissions
- Air emissions will be well below threshold levels set by the *NSW Clean Air Regulation*
- Facility designed to mitigate odour release to the atmosphere
- Concrete retaining walls (bunds) incorporated in design to minimise the risk of any leakage/seepage into soil and groundwater
- Continuous monitoring to ensure that all air emissions are well within Group 6 Emission Standards

Have Your Say

We would like to hear from you.

Purdon Planning will host a public meeting at Rose Cottage @ 7pm, 30 August 2016.

Please contact Richard Nash at Purdon Planning to RSVP, by 29 August 2016, and to share your views.

Comments will be received until 8 September 2016.

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