

STOP FOY NOW!

NO Plastic to Fuel Oil Refinery in Hume!

UPDATE: The ACT Government has referred FOY Group's Environmental Impact Statement (EIS) to an independent inquiry panel to review the proposal about health, environmental and sustainability impacts. A report on the findings to the Planning Minister is due at the end of April.

How can you get involved?

Support our CPR community campaign: noplacticstofuel.com 

Sign our paper petition or change.org petition online

Please email the Panel your concerns: foyinquirypanel@act.gov.au

The oil refinery is proposed by a NSW mining company, FOY Group, to raise funds due to their cash flow problems and suspension of trading on the ASX (Australian Stock Exchange). They want to truck in 200 tonnes per day of recyclable plastics from interstate and use a catalytic cracking process in 4 giant kilns (each processing 50 tonnes per day) to liquefy plastic to sludge and then vaporise them in to diesel, petrol and liquid petroleum gas, producing by-products of hazardous waste and toxic pollutants.

The Facts

- FOY has **NO empirical data!** **NO** reference facilities worldwide and none in Australia!
- **NSW Environmental Protection Authority (EPA)** denied FOY an Environmental Protection Licence for a proposed plastic to fuel plant at Berkeley Vale, NSW.
- FOY failed technical criteria of NSW's EPA Energy from Waste Policy to "*control emissions and to ensure the protection of the environment and human health*".
- Accidents may have catastrophic impacts on environment and human health including toxic air emissions (dioxins, particulate matter PM2.5).
- Risks of explosion, on site fire, bush-fire, cyber-attacks, on site contamination.
- **One tonne of toxic residual waste produced per day.** Will it be sealed and buried at ACT landfill?
- Where will contaminated plastic waste end up?
- **High bush fire risk** zoning with onsite above ground fuel farm of approx. 2 million litres.
- In close proximity to Hume Business Centre and workplaces, houses, schools and childcare centres of the ACT and neighbouring NSW (Jerrabomberra and future Tralee).
- Plant will operate **24 hours per day, 7 days a week.**
- **Significant** truck movements of B'Double trucks and fuel tankers: Mon to Fri from 6 am to 10 pm and weekends from 8 am to 4.30 pm.
- Community has huge concerns about safety as facility is untested and experimental.

The ACT generates a fraction of the waste plastic required to produce diesel. As a result, the plastics (73,000 tonnes) will have to be trucked in from interstate. This will wipe out all GHG (Green House Gas) emissions off-set by the ACT Light Rail or the Solar Highway solar farms. Also consider the GHG emissions produced during production and during burning of the fuel in vehicle engines. Finally, consider the emissions required to make new plastic to replace those destroyed by FOY.

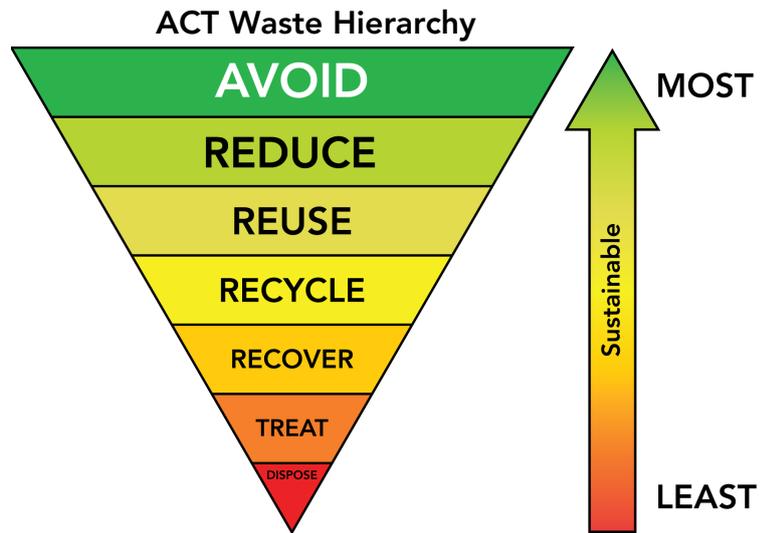
This has to be the most unsustainable project, ever! This works directly against the ACT Climate Change strategy of zero emissions by 2050. FOY's pyrolysis process will destroy the plastics forever, and undermine higher-order use, such as recycling. Recycling uses less energy and doesn't result in massive carbon emissions that will undo all the renewable energy targets in the ACT.

All plastic “waste” FOY seeks to use is currently recyclable back into plastic resin or into other plastic products. This includes HDPE, LDPE, PP, PS, PET and PVC. FOY’s huge plant will destroy large quantities of plastic, jeopardising the survival of true plastic recyclers such as Plastic Forests, Replas, Plastic Recyclers Australia, Australian Recycled Plastics, Cleanaway etc.

FOY does not recycle plastic. It exploits a high value resource that once turned into fuel will never be recovered. The plastic that FOY destroys will need to be created again from new oil and gas, causing significant carbon emissions and pollution.

Real plastic recycling saves resources. The Bureau of International Recycling states that:

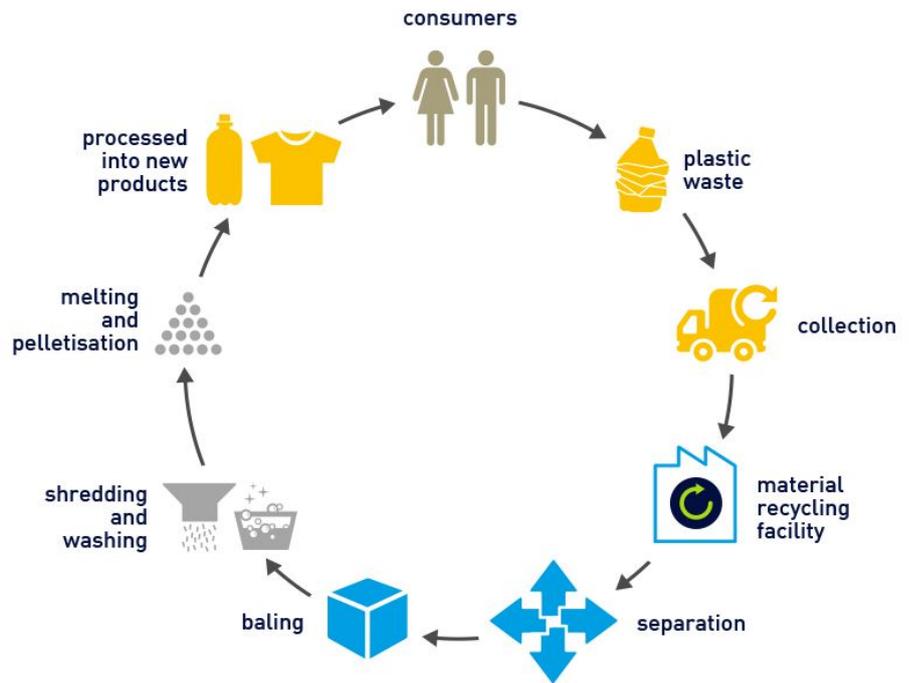
- One tonne of recycled plastic saves 16.3 barrels (2,604 litres) of oil, 5,774 kWh of energy, 98 million BTUs of energy, and 22 cubic metres of landfill
- There is an 80 to 90% reduction in energy consumption by producing recycled plastic compared to producing plastic from virgin materials (oil and gas)



Recyclable Plastic

(% of FOY’s feedstock)

- High Density Polyethylene
HDPE 50%
- Low Density Polyethylene
LDPE
- Polypropylene
PP 30%
- Polystyrene
PS 20%



A more sustainable solution for plastics: Cradle-to-cradle recycling by SUEZ and SITA recycling companies

FOY is at significant financial risk. FOY’s Executive Chairman, Paul Dickson, General Manager, Stuart Clark and Director of Operations and Quality, John Sneddon were all executives at Dickson and Dickson Healthcare Group during 2016. The D&D Group went into voluntary liquidation in October 2016 with \$30 million+ owing to creditors.

FOY’s half-yearly report states there is “significant doubt about the group’s ability to continue as a going concern”. Given the current financial situation, what is the company’s ability to run an experimental facility, and implement the health, environmental and sustainability safeguards it has promised?

Voice your concerns – STOP FOY NOW!
 Visit noplacticstofuel.com for more information. ➤ info@noplacticstofuel.com
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