



Saving Our Planet Fueling Our Future

Durham Energy Recovery Inc.

Background

- Over 8 million tonnes of waste plastics ends up in the ocean every year.
- Approximately 2.25 million tonnes of waste plastics are landfilled in Canada every year.
- We have a solution for this problem.
- Our current project involves the conversion of waste plastic into transportation grade diesel fuel.

Plastics - 1 Through 7



Potential Feedstock

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Agricultural Plastics

Grain/silage bags, bale wrap, baler twine



Potential Feedstock

Environmental Solutions

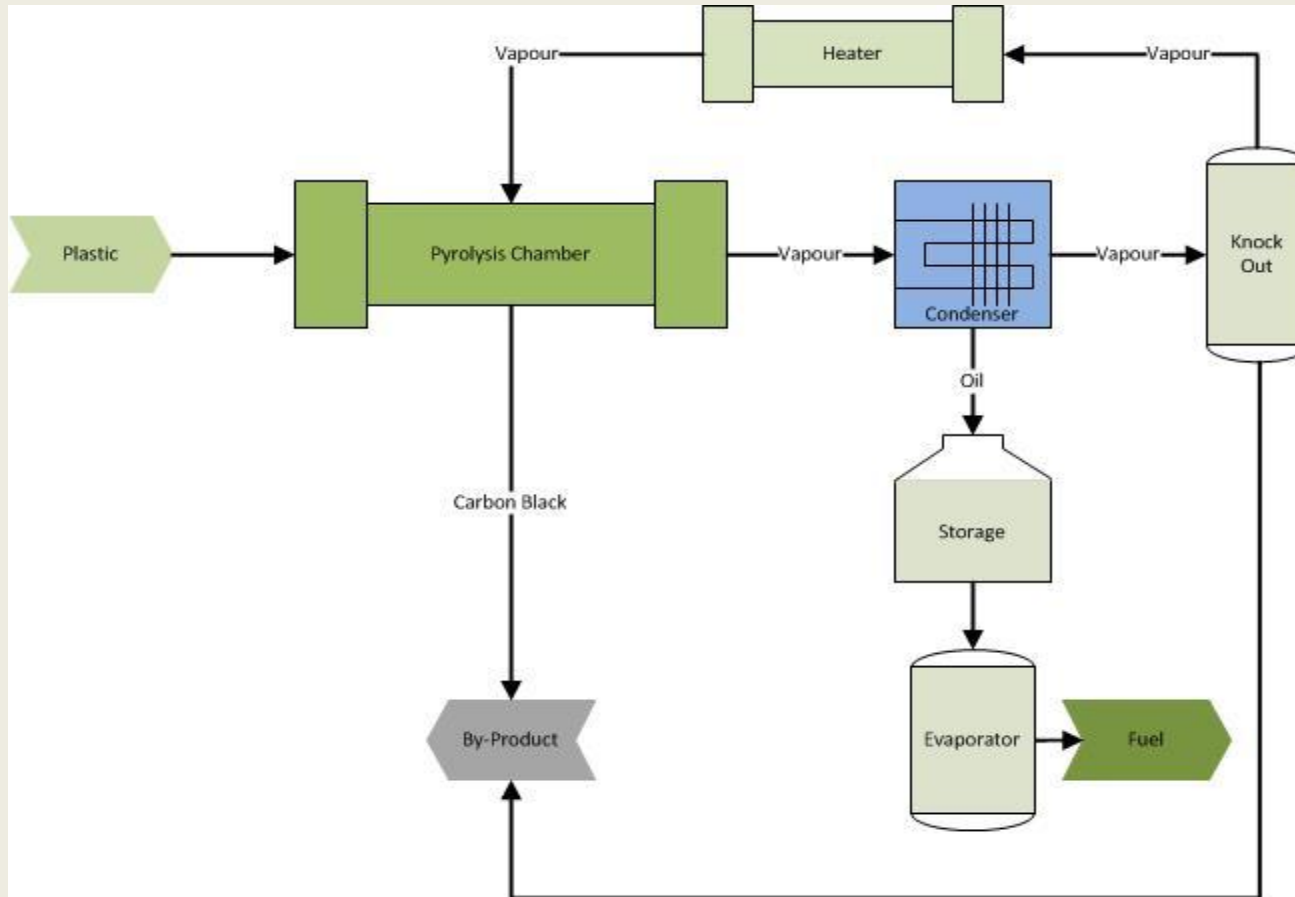
- Durham is investigating new technologies to reduce our impact on the environment.
- The technology that we are implementing is simple, effective and reuses end of life products.
- Plastics are converted into fuel with as little impact to the environment as possible.
- We are helping municipalities to prolong landfill life by diverting plastics from the landfill.
- Plastics currently account for 30% of garbage going into landfill.

Technical

- We are using a modified Pyrolysis process to convert waste plastics into transportation grade diesel fuel.
- The pilot plant will process 4 tonnes of plastics and produce 4000 litres of fuel per day.
- It will be able to process #'s 2,4,5,6
- The commercial scale plant will process 60 tonnes of plastics and produce 60,000 litres of fuel per day.
- It will have the ability to process plastics #'s 1 through 7

Technical

Process may not be exactly as shown.



Questions

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