Clean Planet Energy secures supply agreement with world's largest plastics recycler, KW Plastics, for supply of plastic scrap in Alabama, USA

Tuesday 27 September, 2022

Clean Planet Energy's North American division has today announced a long term agreement with the world's largest recycler of HDPE and PP rigid plastic, KW Plastics. The agreement will provide plastic scrap to Clean Planet's new ecoPlant, to be built in Alabama.

The announcement today will mean up to 20,000 tons of plastic residue generated at the current KW Plastics facility in Alabama will be turned into re-usable circular products, rather than being sent to landfill. The circular products produced at a Clean Planet ecoPlant can either be circular petrochemical feedstocks (which is used to generate new plastics), or ultra-low sulphur fuels (used to lower greenhouse gas emissions if used as a replacement to fossil fuels).

In November 2021, Clean Planet Energy, a UK based green-tech company, announced the formation of a USA-based joint venture with Fortress Transportation and Infrastructure to develop Clean Planet Energy USA ecoPlants across key markets in North America. Starting in New Jersey, the joint venture sought to advance multiple additional projects with agreements in place for plastic supply in Texas, Florida, the Dominican Republic, and other key North American markets.

Based in Alabama, KW Plastics accepts rigid plastics from across the USA and recycles it into a wide range of polyethylene and polypropylene recycled resins for multiple industries including personal care, automotive, agriculture, construction, and flexible packaging applications. The KW Facilities can process in excess of 500 million pounds (250,000 tons) of rigid plastic per annum.

Despite the advanced nature of KW Plastic's facilities, not all of the rigid plastic received into the KW Facility can be mechanically processed into recycled materials, meaning a proportion of the material must be landfilled. Integrating Clean Planet Energy's ecoPlant facility into the downstream of the KW process adds green-catalytic and hydrogen processing capabilities, enabling almost all material received into the KW Facility from US households to now be recycled.

It is believed that by locating Clean Planet Energy's Alabama facility in proximity to KW Plastics, it will create a highly efficient, low landfill, supply chain for plastic recycling, and significantly stop plastics entering landfill, or potentially our oceans.

David Nazha, CEO of Clean Planet Energy's North American division, spoke of the significance of this agreement, "Clean Planet's vision for North America is to integrate our advanced ecoPlant technology into industries that can support the removal of plastics entering landfill across the USA. The team at KW Plastics share our vision of the reduction of plastics entering landfill, and working with the world's largest plastics recycler is a significant step in this journey. We are very excited about the possibilities for both companies, and the continued protection of the environment achieved by removing waste-plastics."

Scott Saunders, the General Manager of KW Plastics joined KW as a Director of Raw Material Procurement in 1994. "Since 1981, KW has been a pioneer in the revolution of plastics recycling industry. We have developed processes to handle a wide range of rigid plastics allowing us to work with MRF operators to greatly increase the amount of HDPE and PP containers removed from curb side stream. Working with Clean Planet Energy at our headquarters in Troy, Alabama is an exciting way to continue this journey, now knowing the even harder to reach plastics can be put back into use."

Clean Planet Energy, in collaboration with KW Plastics, is currently pushing forward the planning requirements to begin construction of Clean Planet's first ecoPlant in Alabama.

About Clean Planet Energy
Clean Planet Energy (CPE) is a cleantech, renewable and alternative energy company, converting hard-to-recycle waste plastics into naphtha, a petrochemical feedstock, that can be used in plastic

Media:



Related Sectors:

Business & Finance :: Environment & Nature :: Manufacturing, Engineering & Energy ::

Related Keywords:

Recycling :: Recycled :: Plastic Waste :: Environment :: Alabama :: Gulf Coast :: Circular Products :: Clean Planet :: Waste Plastics :: Plastic Pollution :: Landfill ::

Scan Me:

production to support a circular supply chain and into ultra-low-sulphur diesel. Clean Planet Energy North America is a joint venture between Clean Planet Energy UK and Fortress Transport and Infrastructure. CPE's mission is to remove over 1 million tonnes of hard-to-recycle plastic waste from our environment every year. It will achieve this mission by seeking to continuously devise and implement green technologies and processes (such as the Clean Planet ecoPlant) that prevent plastic waste from entering earth's environment and oceans, while also reducing the world's demand for non-circular products. It aims to divert hard-to-recycle waste plastics away from the world's landfills, incinerators, and oceans — a major environmental win.

About KW Plastics

KW Plastics is the world's largest plastics recycler for HDPE and PP. KW Plastics produce a wide range of polyethylene and polypropylene recycled resins for the personal care, automotive, agriculture, construction, pipe, paint & coatings, recreation, and flexible packaging/sheet applications industries.

Company Contact:

Clean Planet Group

T. 020 3289 0055
E. hello@cleanplanet.com
W. https://www.cleanplanet.com/

Additional Contact(s):
Sophie Phelps

View Online

Additional Assets:

Newsroom: Visit our Newsroom for all the latest stories:
https://www.cleanplanet.pressat.co.uk