

NOVEMBER 2021 | NEWSLETTER 07

# The Recycling Times



HADCO Group's Recycling Division Monthly E-Newsletter



## Understanding biofuels and the new oil economy

Biofuels are a cleaner and greener alternative to the typical fossil fuels such as coal, oil and natural gas.

These alternatives are commonly promoted due to the cheaper production costs and ease of storage & replenishment.

As such, several countries have begun the shift away from traditional fuel sources, spurred on by increases in oil prices and an enhanced awareness of the impact of their greenhouse gas emissions.

In this issue, we will briefly discuss the different ways in which biofuels can be made, which countries have adopted this unique approach, and how through Ecoimpact, you and your business can contribute to this new oil economy.

**"THROUGH  
ECOIMPACT  
YOU OR YOUR  
BUSINESS  
CAN CONTRIBUTE  
TO THIS NEW  
OIL ECONOMY."**

Kevin Whiteman,  
Managing Director,  
Recycling Division -  
HADCO Group

**Learn more  
about biodiesel  
below**

Cover Photo: [DTN](#)





## Understanding biofuels

There are two main types of biofuels - **biodiesel** and **bioethanol** - both of which can be used to power cars, trucks, buses and most light to medium weight vehicles.

Produced from “biomass,” (plant or algae material, animal waste and waste cooking oils), the purified feed stock is mixed into traditional fuel, which helps reduce total greenhouse gas emissions by making the fuel burn more cleanly.

Recently, countries such as Brazil, Germany and China have all amended their emissions regulations to address harmful greenhouse gas emissions. For example, in the United States of America (USA), the State of California has set aside an annual \$100 million USD investment to accelerate the development of renewable fuel production, as well as adoption incentives for low emission vehicles and charging stations. These subsidies come in the form of grants and tax credits to businesses and the general public to make the switch.



## Which countries have adopted biofuels?

The top five countries in the world that are currently producing and consuming biofuels are **Brazil, China, Germany, Indonesia and North America / the USA.**

The USA is a world leader in biofuel, and according to statistics from 2020, produced around 602,000 barrels a day. The country represents 45.5% of the total world biofuel production.

This was followed by Brazil which accounts for 26.5% of global biofuel production, and specialises in ethanol production from sugar cane.

In the USA, more than 5.55 billion bushels of corn were crushed for the production of ethanol fuel in 2018. Both countries primarily use soybeans to produce biodiesel.



Sources: 1. [NS Energy](#) | 2. [Statista](#) | 3. [State of California](#)



# Ecoimpact and Trinidad and Tobago

Through Ecoimpact, Trinidad & Tobago is contributing to this new oil economy by supplying Asia, Europe, and the United States with the feedstock that is needed to produce biodiesel.

One example of this is the collection of waste vegetable oil (wvo) from local restaurants and households. This service is undertaken free of charge.

Then, the wvo undergoes a series of rigorous and precise filtration processes before it is packaged and shipped to international biodiesel manufacturers - earning much needed US dollars for the country in the process.

Ecoimpact is proud to play a part in the renewable energy revolution, and embark into the uncharted future of the new oil economy!



## Our Eco oil bin collection points

### Our Eco oil bin collection points are located at:

- New Age Recycling Facility - 17A Yorke Avenue, O'Meara Industrial Estate, Arima.
- Roystonia Community Centre - 1 Ruby Drive, Couva North Gardens, Couva.
- Green Market - Upper Saddle Road, Santa Cruz.
- HADCO Limited Head Office - JRJ Warehousing Compound, Bhagoutie Trace, San Juan.
- Caribbean Battery Recycling Facility - 2 El Socorro Ext, LP #52 Patraj Trace, San Juan.
- Queen's Park Oval - 94 Tragarete Rd, Woodbrook, Port of Spain.
- Ecoimpact Facility - Lot 17 DEFG, e Teck Diamond Vale Business Park, Diego Martin.
- HADCO Limited trading as Kelec Electrical - Tobago Cold Storage and Warehousing Facility, Shaw Park, Scarborough, Tobago.
- Or contact us for collection.

Locations will be added continuously and anyone wanting information can call (868) 633-3609 or visit <https://www.EcoimpactTT.com>

**"ECOIMPACT IS PROUD TO PLAY A PART IN THE RENEWABLE ENERGY REVOLUTION."**

Nicholas De Freitas,  
General Manager,  
Recycling Division -  
HADCO Group.

**For more information call (868) 633-3609  
or visit <https://www.EcoimpactTT.com>**

