



Moinuddin Sarker

Waste Technologies LLC, USA

Hazardous waste plastics conversion into liquid hydrocarbon fuel

Energy plays a major role in our modern advancement. Energy needs in every sector all over the world, such as transportation, industrial development, home heating, and electricity production and in our daily life. Till now most of the energy production depends on the crude oil sources but in our planet the crude oil sources are limited. There is a probability that once these energy sources may come to an end and could have disastrous collapse of the human civilization considering the future fade of this universe scientist and researchers all over the world had been doing research and study more about for new alternate energy sources like solar energy, wind energy, bio-fuel etc. Plastics are produced mainly from crude oil. Trillion plastic bags are consumed every year all over the world after uses the discarded plastics bags are become a severe problems to the environmental. Dumping of these waste plastics create hazardous land fill problems to avoid this problem transport to other countries cost \$2800/ton of waste plastic. Waste Technologies LLC (WTL) has developed (US & International Patents) a new simple and cost effective technology for the conversion of the waste plastics into Diesel, LPG and Jet Fuel. Water Waste Technologies developed technologies can convert all types of waste plastic into energy and create local green jobs.

Biography: Dr. Sarker is the owner of Waste Technologies LLC and working on waste to energy especially waste plastic to fuel /diesel, waste tires to fuel and mixture of other waste to converting in to green fuel. Dr. Sarker is the owner of Sheba Green Technologies LLC and working on turning any waste to green fuel or green product as well as e-Waste. In addition, Dr. Sarker has 26 years of professional research experiences in different universities and research organizations all over the world including the US, Canada, the Netherlands, Germany, Taiwan, Bangladesh and the UK. He has 4 patents (Two Granted and 2 Pending) and 113 research publications to his credit in peer reviewed journals and conferences. Dr. Sarker is a distinguished member of 45 professional organizations. Dr. Sarker has written a chapter or Co-author of chemistry, emission control, radioactive pollution and indoor air quality which published by Intec, Open Access Publisher in Croatia.

msarker@wastetechnologiesllc.com