

Biofuel Plants and Technology

Lutfi Can Kocabas

Celignis Biomass Lab, Ireland

Abstract

In this article, plants used in biofuel production and biofuel technologies were investigated. In the production of biodiesel and bioethanol rapeseed, wheat, straw, sorghum, rice, potato, rye, barley, corn, sugar beet, sugar cane, sweet sorghum and plants such as tobacco are used. In biogas production, animal, agricultural, food industry, vegetable, fruit, oil industry and slaughterhouse residues and waste water treatment sludge are used. Biofuels bioethanol, biodiesel, biogas, biomethanol, biodimethyl ether and bio-oil. The most common biofuels today are bioethanol and biodiesel. Biofuels are based on renewable biological resources, have very good biodegradability, non-toxicity, It has been determined that it increases its usability due to reasons such as very low emissions when burned and being environmentally friendly.

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Biography

My name is Lutfi Can Kocabas. I was born in 1997 in Turkey. After completing my primary and high school education in Konya's Ereğli district, I went to Erzurum for university education. And I started my undergraduate education in the Department of Molecular Biology and Genetics at Erzurum Technical University. During my undergraduate education, I received high-level theoretical and practical training from my esteemed university professors. And under the leadership of ETÜ-KARPAM, I took a responsible role in the eastern anatolia career fair. In the 3rd year of my undergraduate education, I continued my 1-semester undergraduate education in Poland under the leadership of the student exchange program and completed it successfully. In the last years of my undergraduate education, I started working in the laboratory of our university on the treatment of cancer and genetic diseases with my teacher Mehmet Enes Arslan. Afterwards, I got a job as a quality control analyst at the dairy production facility ARPACI to improve my skills in microbiology and developed my skills in microbiology there. Since I was always hungry for self-development, I started my internship on biomass at a company called Celignis Limited in Ireland at the end of my undergraduate period. And after finishing my education there, I returned to my country.