

Comparing the biodiesel and biogasoil production from different natural triglycerides

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Abstract: - Regarding the sustainable mobility, product quality and environmental aspects fatty acids methyl esters and biogasols were compared. They were produced by the transesterification and special hydrocracking (including the isomerization, as well) of triglycerides, respectively. It was concluded that the 10 energy percent biofuel share will be attained in the EU up to 2020 only by building of new biogasoil plants beside the currently working biodiesel plants. In medium and long-term, probably the fuel purpose hydrogenation of natural and waste triglycerides will be spread in higher and higher degree.