

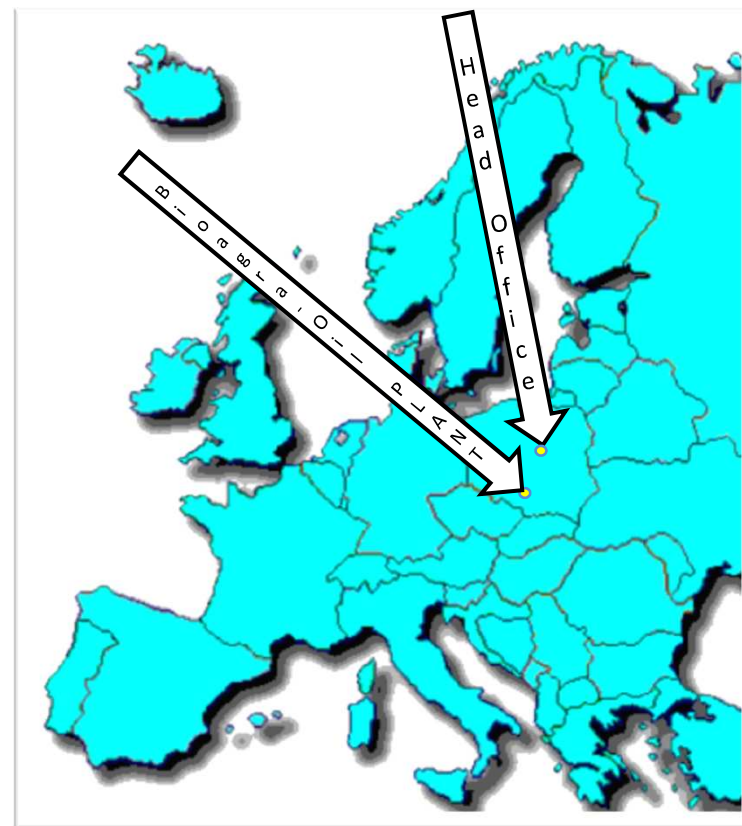


# LOCATION

Bioagra-Oil S.A. Plant and Headquarter is located in the „Special Economic Zone Katowice” in Tychy.

Przemysłowa 64 Str.  
PL43100 Tychy  
VAT PL5242587483

The company's Head Office is located in Koprki near Warsaw, the national road No. 2 (Poznan-Warsaw).  
Jaśminowa 27 Str., Koprki  
PL05850 Ożarów Mazowiecki



# COMPANY

Bioagra-Oil S.A. was established in 2006 as a special purpose company. Its task was to build, and then use one of the most advanced bio-components plant in Poland. In the years 2008-2010, the Company realized the project of building the plant and has established a factory for the production of methyl esters and refined glycerin pharmaceutical grade.

Bioagra-Oil Plant is the biggest fatty acid methyl esters Plant in Poland and one of the largest in Europe with production capacity reaching 200 000 tones / year.

Bioagra-Oil Plant is integrated with one of the biggest and modern Rapeseed Crushing Mill in Poland Komagra Sp. z o. o.





# OUR MISSION

Our mission is to become a main operator on biofuels market in Europe in defined by European Union ecological policies.



# BIOAGRA-OIL PLANT

Bioagra-Oil Plant is consisted of two sections:

1. Fatty acids methyl ester (Biodiesel) production section, with capacity 200 000 tons / year.
2. Refined glycerin pharmaceutical grade production section, with capacity 20 000 tons / year.



# TECHNOLOGY

Bioagra-Oil Installation is based on C.M. Bernardini technology.



Installation for the production of fatty acid methyl esters meet the stringent requirements of European standards and the product significantly exceeds the requirements of PN EN 14214.

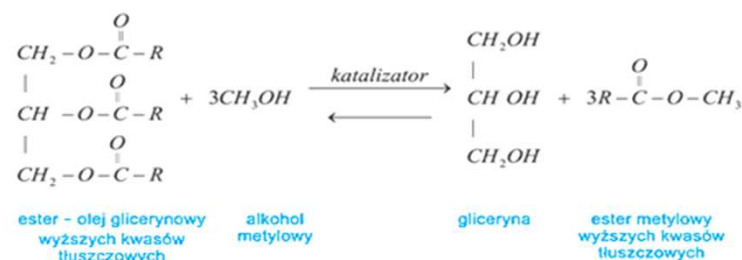


# PROCESS

Fatty acids methyl ester production process in Bioagra-Oil Plant is based on transesterification reaction, in which triglycerides (vegetable oils) are reacting with methanol in presence of catalyst (sodium methanolate). Products of reaction are fatty acids methyl ester and glycerin.



In Bioagra-Oil installation transesterification process is carried out continuously according to the latest standards of ester production.



Gdzie: R - reszta grup kwasowych.

# OFFER

Fatty acids methyl ester (rapeseed methyl ester), quality according to PN EN 14214 standard, as applicable as:

- biocomponent to liquid fuels and / or biofuels;
- liquid fuel B100 (Biodiesel);
- fuel for heating purposes in organic biomass boilers ;
- raw material for chemical industry.



Refined Glycerin I grade, pharmaceutical grade, quality according to Eu. Ph. 7.0. standard for technical applications, as applicable as:

- substrate and / or a component of many chemical products.





# LABOLATORY AND QUALITY

The Bioagra-Oil S.A. company laboratory is providing laboratory service of Bioagra-Oil Biodiesel Plant as well as outsourced services.

The scope of the Bioagra-Oil S.A. Company's Laboratory services are:

- Fatty acids methyl ester analysis according to PN-EN 14214 standard and Polish requirements according to Rozporządzenie Ministra Gospodarki z dnia 17 grudnia 2010 (Dz. U. 249 poz. 1668);
- Refined glycerin pharmaceutical grade analysis according to European Pharmacopoeia 7.0. standard;
- Crude Glycerin analysis;
- Vegetable oils analysis;
- Rapeseed analysis.



# CONCESSIONS AND PERMITS

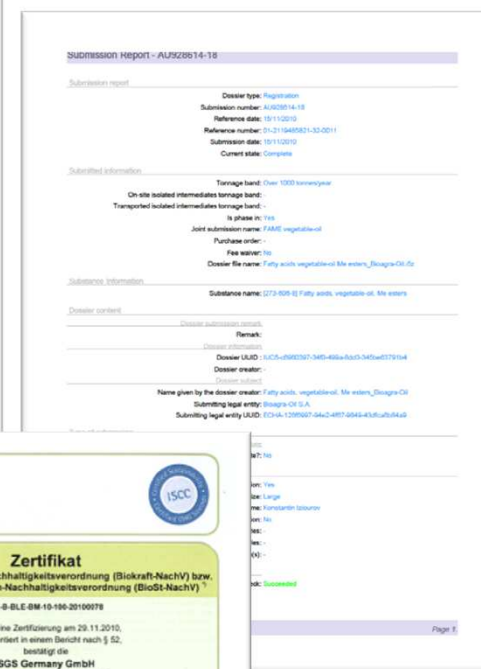
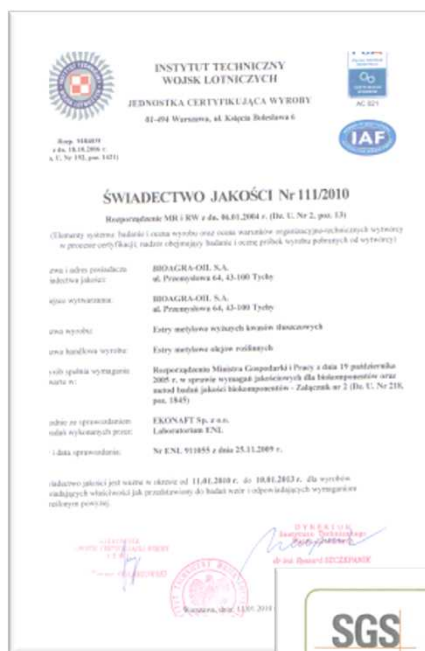
Bioagra-Oil SA has the following concessions, licenses and permits:

- Entry in the Register of Producers according to Polish law, ARR (Agencji Rynku Rolnego - Agricultural Market Agency) nr CB-db/1/2010
- A license to operate a tax depot, excise no. PL33100125309
- The concession for the production of liquid fuels Urzędu Regulacji Energetyki (The Energy Regulatory Agency) WPC concession
- The concession for the storage of liquid fuels Urzędu Regulacji Energetyki (The Energy Regulatory Agency) MPC concession
- The concession for the liquid fuels marketing Urzędu Regulacji Energetyki (The Energy Regulatory Agency) OPC concession



# CERTIFICATES

- ITWL quality certificates (Instytut Techniczny Wojsk Lotniczych) nr 111/2010
- Sustainability certificate - ISCC Standard
- REACH registration no 01-2119485821-32-0011



# STORAGE BASE

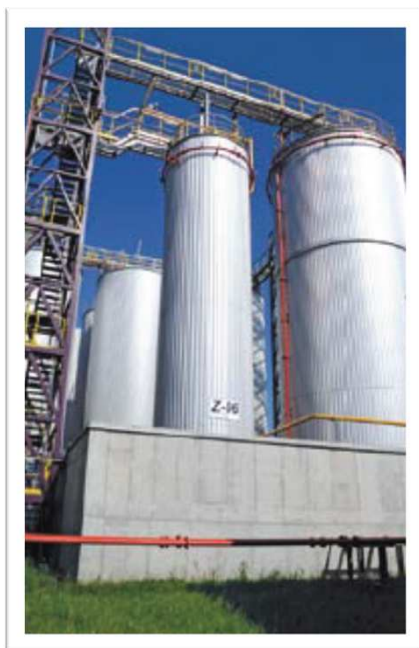
Bioagra-Oil Storage Base address:

Przemysłowa 64 Str.;

PL43100 Tychy;

Rail siding no. 073 700 ,

Rail station: „Tychy”



Bioagra-Oil Storage Base is consist of tanks dedicated to:

- fatty acids methyl esters, capacity = 6000 cbm
- refined glycerin pharmaceutical grade, capacity = 500 cbm
- methanol, capacity= 600 cbm



# LOGISTIC

Bioagra-Oil S.A. supports loading and unloading of goods transported by rail and road tankers 24hours a day.

Bioagra-Oil S.A. provides cargo handling services with the help of modern infrastructure, arrange rail and tank-trucks transportation of liquid biofuels.



In the Bioagra-Oil Storage Base are carried out transshipments as follows:

- loads of fatty acid methyl esters, vegetable oils, refined glycerin, crude glycerin and fatty acids
- unloading of fatty acid methyl esters, vegetable oils, refined glycerin, crude glycerin and fatty acids

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# CONTACT

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Production Plant, Company Office:

Tychy

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