



AGQM – Competence in Biodiesel

Association Quality Management Biodiesel reg. ASS

AGQM



Quality Management, Competence and Counselling

Biodiesel is and will remain the most significant alternative fuel in Europe. We assist you in fulfilling your customers' expectations concerning your product – with regard to fuel quality, use in engines and potential interaction with fossil fuels in Biodiesel blends.

Since 1999 AGQM has been Europe's leading Competence Centre – as a service provider for Biodiesel producers and traders.

Quality Management Concept, Round Robin tests, REACH registration, national and international symposia and seminars – AGQM offers a multitude of measures for the technical support of Biodiesel companies.

Efficient Quality Management AGQM Style

No other measure than the consistent implementation of AGQM's Quality Management Concept contributed more to the positive development of the Biodiesel quality on the German Market.

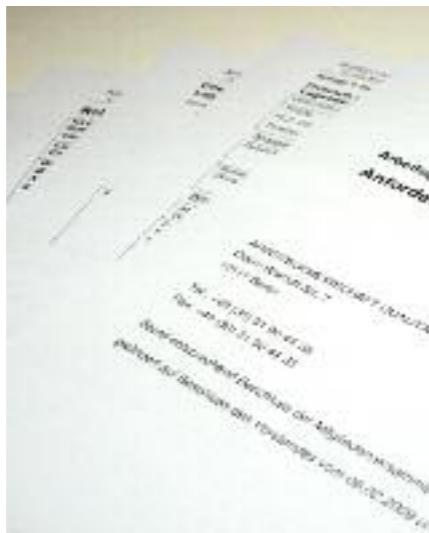
An excellent and proper product quality is secured by regular checks as to the ob-

servance of EN 14214 as well as to additional requirements of pivotal parameters such as water content, total contamination and CFPP.

Under AGQM's Quality Concept you submit yourself to unannounced checks by independent surveillance. Thereby, you

gain access to AGQM's expertise in analytics and process technology.

You can assess and verify the standard of your own analytical surveillance by a regular participation in the AGQM Round Robin test.



International Certification - BPAC

Biodiesel Production AGQM® Certified (BPAC) is the solution for all foreign Biodiesel producers if they want to benefit from AGQM's successful quality management concept.

Basis is the observance of the limits of EN 14214. Regional guidelines abroad are considered for the added requirements should they differ from the German ones.



REACH¹en: out for registration with AGQM support

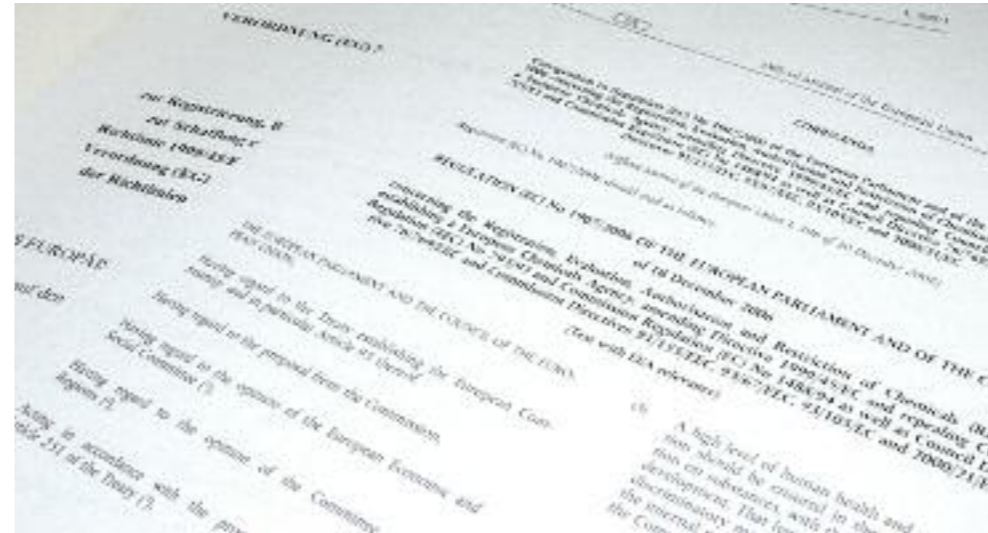
The registration according to the new EU chemical product law is a mandatory prerequisite for any business activities of Biodiesel producers, traders and importers.

AGQM offers all essential coordination and technical advice.

More than 45 Biodiesel producers and traders from Germany and other nations have already joined the AGQM group.

The mandatory preregistration was completed successfully; further activities for the registration are currently in progress.

¹ Registration, Evaluation and Authorisation of Chemicals



Additive Compatibility – AGQM's No-Harm-List

Additives can also make sense for Biodiesel if a selective improvement of specific fuel properties becomes necessary.

In cooperation with the mineral oil industry AGQM defined a catalogue of tests for the examination of any possible unwanted side effects when additives are admixed to Biodiesel blends.

On request AGQM examines products of additive producers which can be used for an increased oxidation stability of Biodiesel.

Additives passing the tests are published in AGQM's No-Harm-List to which the German B7 standard (DIN 51628) refers explicitly.

AGQM will also test additives intended for the improvement of cold properties (flow improvers) as well as oxidation stabilisers for heating oil. For those a separate No-Harm-Lists will be published.



Round Robin Tests

Organised by AGQM and in cooperation with FAM (German standardisation body for mineral oil products) at the DIN, laboratories from all over Europe and overseas currently participate in the most extensive Round Robin test with Biodiesel.

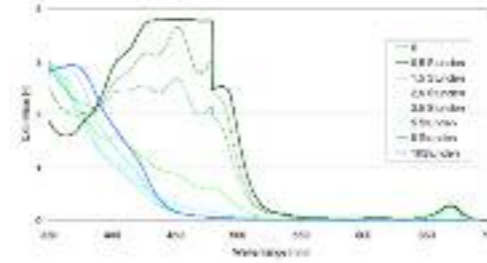
For German Biodiesel producers the participation in this Round Robin test is a prerequisite for the acknowledgement of their own analytical surveillance by the German customs authorities.



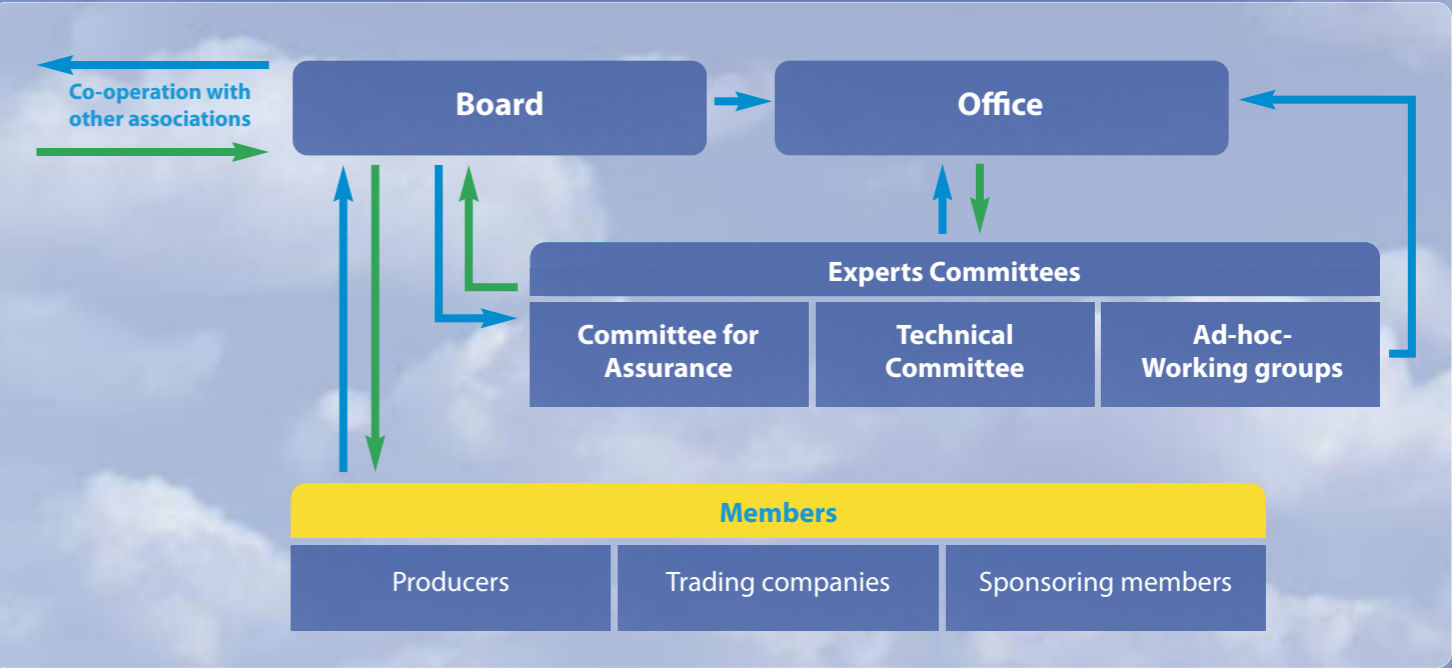
Biodiesel Research and Development

AGQM's Technical Committee, a panel of experts, reviews and initiates R&D projects which deal with the application, quality and technological development of Biodiesel: e.g. laboratory tests, engine test bench runs and fleet tests.

The Technical Committee cooperates with renowned research institutions, vehicle manufacturers and the mineral oil industry. The entire Biodiesel industry benefits from the results; the use of Biodiesel is optimised and technologically secured.



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Members

Producers

ADM Hamburg AG -Werk Leer-
www.biodiesel.de

ADM Mainz GmbH
www.biodiesel.de

BIO-Diesel Wittenberge GmbH
www.biodiesel-wittenberge.de

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ecoMotion GmbH
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EOP Biodiesel AG
www.eopbiodieselag.de

Hallertauer Hopfenveredelungsgesellschaft mbH
www.hopsteiner.com

Landwirtschaftliche Produkt-Verarbeitungs GmbH
www.lpv-biodiesel.de

Mannheim BioFuel GmbH
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NEW Natural Energy West GmbH
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RapSol GmbH
www.rapsol-luebz.com

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www.biodiesel-malchin.de

Silo Rothensee GmbH & Co. KG

VERBIO Diesel Bitterfeld GmbH & Co. KG
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Trading companies

Axel Kötzing, Mineralölhandel

bft Diesel Tankpunkt
www.diesel-luebbenau.de

Carl Büttner, Mineralöl GmbH
www.carl-buettner.de

DS-Mineralöl GmbH
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Associations

**UFOP-Union zur Förderung von Oel- und
Proteinpflanzen e. V.**
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Imprint

Publisher:

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Pictures:

AGQM, fotolia, UFOP e. V.

Design and implementation:

WPR COMMUNICATION, Berlin

2010