

## Curriculum



**Dietmar Mannebeck**  
 Chief Product Developer  
 and Accredited Assessor  
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 dmannebeck@olfasense.com

**Professional Experience**  
 30 Years  
 > 1000 Studies

### Education

Engineering degree (Dipl.Ing.)  
 in Mechanical Engineering at  
 Fachhochschule Kiel, Germany

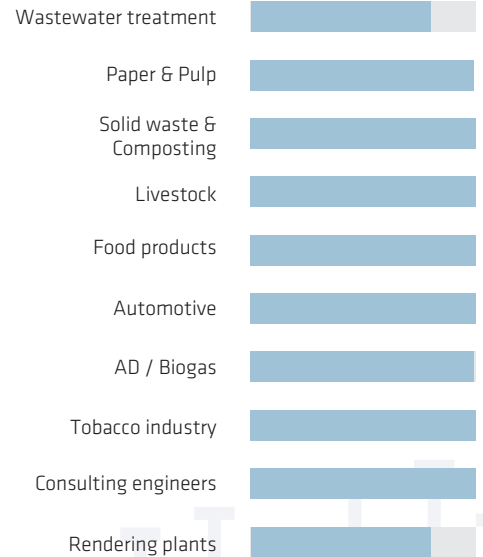
### Chief Product Developer

Dietmar is Olfasense's chief developer for odour related products. In addition, he has been a key player in relevant odour working and standardisation groups and has also been appointed Technical Auditor of the German accreditation body DAkkS.

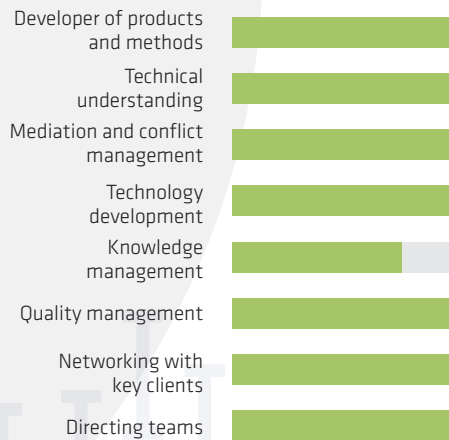
### Key Areas of Expertise

- Chief developer of odour related products
- Technical Auditor of the German accreditation body DAkkS, for odour laboratories
- High experience in consulting various industry sectors worldwide
- Design and implementation of odour sampling exercises
- Field assessments to odour impact investigation: VDI 3940
- Provision of advice regarding odour control and abatement techniques and evaluation of performance
- Air treatment process and system
- Air extraction system
- Audit of odorous emissions plant
- Audit of odour control system
- Identification of key elements in a design project of odour treatment

### Key Industries



### Key Skills



### Languages



## Memberships & Committees

Member of CEN standardization working groups and member in several working groups of VDI and DIN for standardization of odour related regulations

### CEN

- CEN TC 264 WG 2 (EN 13725) - Olfactometry
- CEN TC 264 WG 27, Odour measurement - Immissions

### VERA

- ICT-AGRI "Harmonized methods for sampling and measurement of odour, ammonia and dust emissions"

### DAkKS

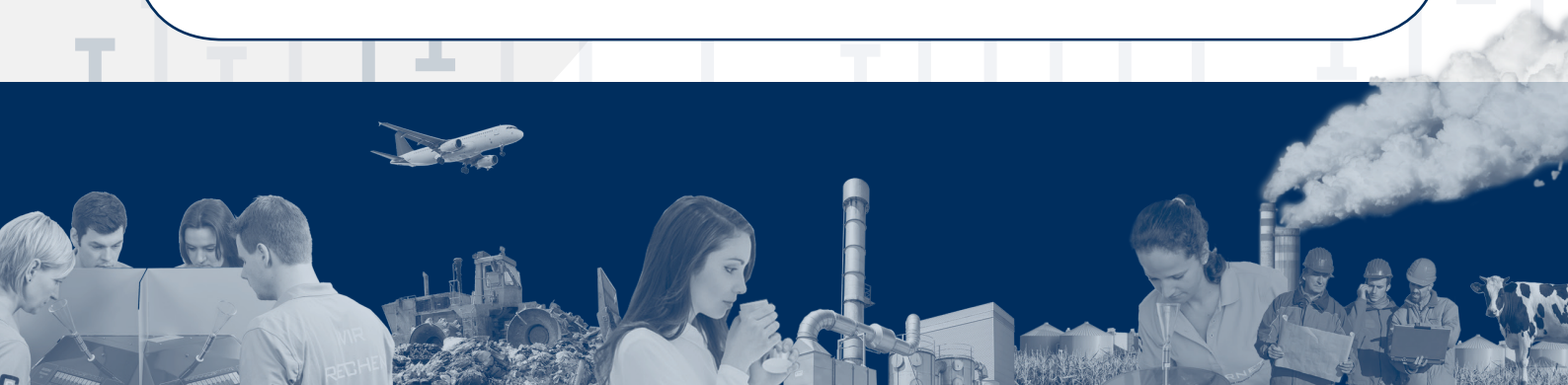
- Technical Auditor of the German accreditation body DAkKS

### VDI

- VDI 3880 Olfactometry – Static sampling
- VDI 3883 Conflict management in air pollution abatement
- VDI 3884 Olfactometry
- VDI 3885 Odour measurements of liquids
- Seminar host of the VDI Knowledge Forum, "Odours"
- Member of Scientific committee of the conference "odours in the environment"

## Key Clients

- Aarhus University, Tjele Dänemark
- Amt für Umwelt des Kantons Thurgau, Frauenfeld
- AUDI AG, Ingolstadt
- AX-LVI Consulting Ltd, Finnland
- Beiersdorf AG, Hamburg
- BMW München
- British American Tobacco - SFT, Rußland
- British American Tobacco, Dhaka, Bangladesh
- CERTECH (asbl), Seneffe
- Changwon Uni Korea
- CIATEC, A. C., Mexico
- CJS Co Liggett-Ducat, INN, Moscow Okpo
- CRPA Italien
- Danish Meat Research Institute, Roskilde
- Degussa
- DEKRA Industrial GmbH, Stuttgart
- DVGW-Forschungsstelle, Karlsruhe
- Fanex SIA, Riga
- Fondazione Edmund Mach, S. Michele all'Adige
- Force Technology, Brøndby Dänemark
- FSUE SRI Atmosphere, St. Petersburg
- Givaudan Schweiz AG, Dübendorf
- Henkel KGaA, Düsseldorf
- Hohenstein Institut für Textilinnovation gGmbH
- HSR, Rapperswil
- InfraserV GmbH & Co. Höchst KG, Frankfurt am Main
- IUTA, Duisburg
- Labaqua S. A., Alicante
- LANUV NRW Landesamt
- LOD srl, Scientific Campus of the Udine's University
- LUFA Nord-West, Oldenburg
- Merck Darmstadt
- Ministry of Environmental Estonia
- Müller BBM
- Politecnico Milano
- Symrise AG, Holzminden
- TESIUM GmbH, Holzminden
- TESTMER Ölçüm ve Test Hiz.Ltd.Sti, ISTANBUL
- TU Berlin
- TU Braunschweig
- TÜV NORD Umweltschutz GmbH & CO KG
- TÜV Rheinland
- TÜV Süd Industrie Service GmbH, Mönchengladbach
- TÜV, Frankfurt
- Uni Bonn
- Uni Dortmund
- Uni Milano
- Universität Kassel
- Universidad de Extremadura, Caceres
- Università degli studi di Salerno
- Universität Innsbruck
- Université Victor Segalen Bordeaux, Talence cedex
- University College Dublin
- VITO NV Unit Environmental Health and Risk
- Volkswagen AG, Wolfsburg



## Publications

- Mannebeck, D.  
Quality Management for Olfactometry  
European Conference "Environmental Odour Management" 2004 Cologne, Germany
- Van Harreveld, A.P.; Mannebeck, D.; Maxeiner, B.  
Proficiency testing as the key element in implementing EN13275 olfactometry  
3rd IWA Conference on Odours Barcelona, Spain 2008
- Boeker, P.; Hamacher, T.; Mannebeck, D.; Wimmer, P.; Horner, G.  
Methodology and Techniques of online odour measurement („Methodik und Technik der Online-Geruchsmessung“)  
Gefahrst. Reinhalt. Luft 63 (2003). Nr. 7-8, S.283-289
- Richter, C.-J.; Mannebeck, D.; Frechen, F.-B.; Gorlt, A.; Juergens, C.; Mainx, C.; Maiwald, B.; Müller, F.; Vossen, F.  
Sampling from point, area and volume sources: The new VDI guideline 3880 („Probenahme an Punkt-, Flächen und Volumenquellen: Die neue VDI-Richtlinie 3880“)  
VDI-Berichte 2141 "Gerüche in der Umwelt", Baden-Baden, 29. und 30. November 2011 S. 55-65, VDI-Verlag, Düsseldorf 2011, ISBN 978-3-18-092141-9
- Mannebeck, D.  
Interlaboratory comparison on Olfactometry  
1st IWA Conference on Odours Sydney, Australia 2001
- Mannebeck, D.; Mannebeck, H.  
Quality and comparability of olfactometric measurements („Qualität und Vergleichbarkeit olfaktometrischer Messungen“)  
Gefahrstoffe – Reinhalt. Luft 62 (2002) Nr. 4, S. 135-140
- Mannebeck, D.; Vormberg, R.; Munder, A.; Schmidt, M.  
Determination of the odour threshold of cyanuric chloride („Bestimmung des Geruchsschwellenwertes für Cyanurchlorid“)  
GIT Laborzeitschrift 1999
- Maxeiner, B.; Mannebeck, D.  
Interlaboratory Comparison for Olfactometry 2003 („Ringversuch Olfaktometrie 2003“)  
Gefahrstoffe – Reinhalt. Luft 64 (2004) Nr. 3, S. 118-123
- Mannebeck, D.; Hauschildt, H.; Mannebeck, B.  
Uncertainty in olfactometry, transferability of reference material investigations in environmental odours, and application of the VDI 4219-E („Messunsicherheit in der Olfaktometrie, Übertragbarkeit von Referenzstoffuntersuchungen auf Umweltgerüche und Anwendung der VDI 4219-E“)  
VDI Wissenforum, Bad Kissingen 2007
- Kasper, P.; Mannebeck, D. Oxbøl, A. Hansen, M.; Feilberg, A.  
Recovery of Odorants in Olfactometers  
NOSE Odour Conference 2014
- Mannebeck, D.  
Olfactometer development in Europe („Olfaktometerentwicklung in Europa“)  
Konferenz Gerüche in der Umwelt Baden Baden 2013
- Mannebeck, D.  
Online grid inspection management according to VDI 3940  
IWA 4th Conference on odours, Vittoria, Brazil 2011

