



**STRONG TOGETHER
FOR PROGRESS AND
STABILITY**



A STRONG ASSOCIATION FOR COMMON GOALS

WELCOME TO THE VAK!

The VAK represents an industry with annual sales of around three billion euros and 25,000 employees, ten percent of whom are trainees. Its 90 member companies develop and produce innovative, energy-efficient and resource-saving equipment and municipal vehicles. In addition to customers, stakeholders and employees, the resultant values also benefit society as a whole.

Founded in 1956, our association offers all member companies and the most important suppliers of parts and components a platform for developing social and statutory frameworks. Cooperation between the VAK and other associations representing the industry and users as well as its active participation in specific technical and standards committees ensure that standards and regulations are defined to meet the industry's present-day requirements.

PRESIDENT OF VAK E.V.

BURKARD OPPMANN

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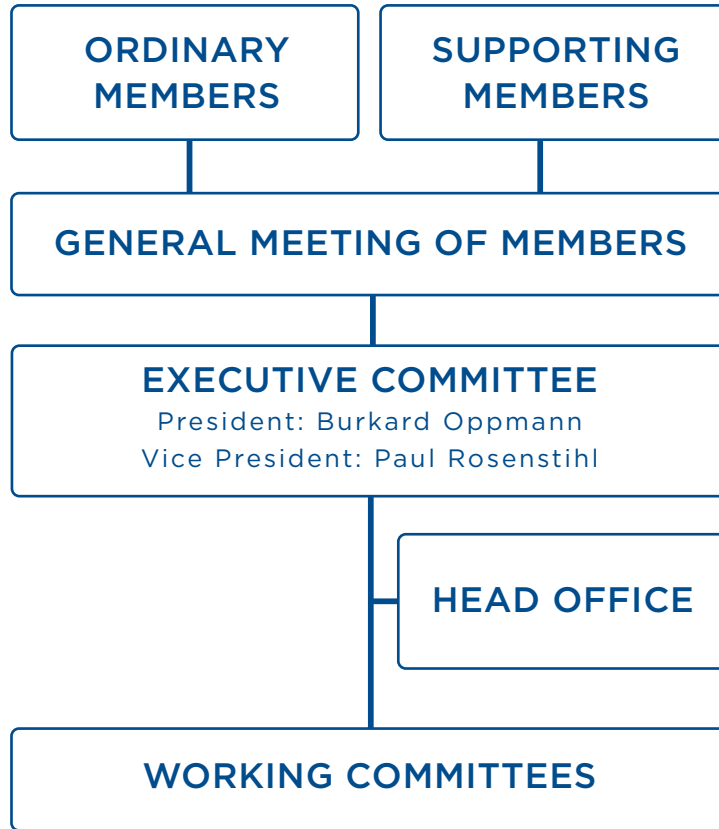
TASKS AND STRUCTURE OF THE VAK

The executive committee comprises the president and five executive committee members who are also chairpersons of the working committees. It discusses subjects of relevance to the industry and advances solutions.

Technical experts pool their competencies and represent the interests of our industries in national and international markets. The member companies are organised in five technical working committees in which the manufacturers, suppliers of accessories and truck manufacturers work together on specific topics. As experts in digitalisation, talent management and internationalisation, the VAK Juniors support the development of the association and form a strong network of young executives of the industry.



ORGANISATIONAL STRUCTURE



FIELDS OF ACTIVITY



The VAK represents the interests of equipment and municipal vehicle manufacturers in Europe



Strong services in return for moderate membership fees thanks to the high quality work of the VAK committees and head office



Development and description of environmental and industry standards



Influencing social and legislative debates and framework conditions



Organising information and marketing platforms for the industry



The VAK creates values for and with its member companies to the benefit of customers, stakeholders, employees and society as a whole.



- > Around 90 member companies with 25,000 employees
- > Active participation in technical and standards committees
- > Endorsing sponsor of IFAT
- > Networking of actors
- > Promotion of innovative solutions
- > Active support of energy-efficient and resource-saving concepts
- > Comprehensive promotion of young talent

OUR PRESENCE AT IFAT

The VAK is an endorsing sponsor of IFAT – the World’s Leading Trade Fair for Water, Sewage, Waste and Raw Materials Management. VAK members have the opportunity to present their company at the joint stand and at the same time showcase technical innovations live at the “Truck in Action Show”.

BECOMING A MEMBER OF VAK

Manufacturers of vehicle bodies or trucks from the equipment and municipal vehicle industry can become ordinary members of the VAK. Manufacturers of accessories and suppliers of the industry as well as leasing companies for municipal vehicles can join the VAK as supporting members.



VAK INNOVATION AWARD

MAINTAINING QUALITY OF LIFE - DRIVING PROGRESS

Developing ideas, testing new technologies and helping to shape the future - this is what the VAK is committed to in its function as the advocate of the municipal vehicles and equipment industry. We accept urban challenges and work to maintain and continuously improve people's quality of life. This requires a culture of progress and innovation - which is why we have created the VAK Innovation Award. The Innovation Award is traditionally presented at a ceremony on the first day of IFAT.



ROLL-OFF TIPPERS, SKIPLoadERS, CONTAINERS AND CRANES

UNIFORM STANDARDISATION SAFE SOLUTIONS FOR THE FUTURE

In Germany alone, more than 20,000 container changing systems, around 40,000 loading cranes and innumerable containers and balers play a major part when it comes to the disposal and recycling of refuse. These products are also used in construction and the municipal economy.

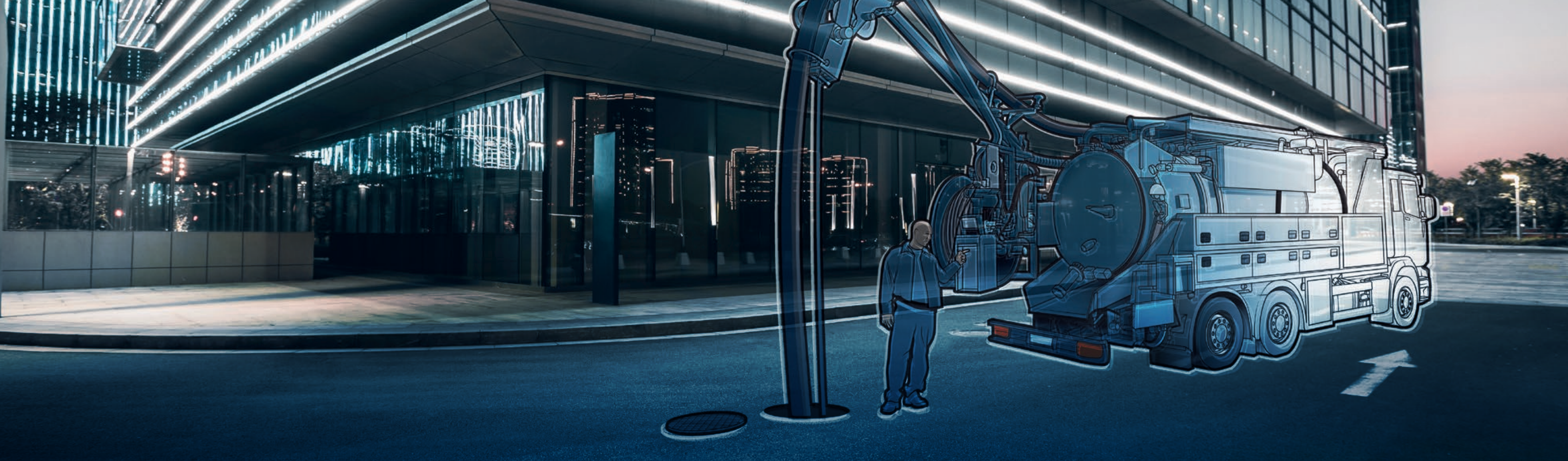
The working committee actively supports all efforts leading to uniform standards and contributes its experience by participating in the corresponding DIN committees. Examples include the standards DIN 30720, 30722, 30723, 30730, 30735 and EN 12999. Visionary ideas lead to new developments. This is reflected, for example, in the already implemented systems for securing loads, the safe operation by remote control and the determination of the hoisting capacity of loading cranes. It is precisely such approaches that will continue to determine and promote our activities in the future.

CHAIRMAN OF THE WORKING COMMITTEE
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www.villiger.com |



LIQUID WASTE DISPOSAL AND PIPE CLEANING SYSTEMS

UNIFORM STANDARDS THROUGHOUT EUROPE

The members of the working committee for liquid waste disposal and pipe cleaning systems represent leading manufacturers of corresponding vehicle bodies and equipment as well as manufacturers of commercial vehicles and component suppliers. Its members also work in various European and national committees devoted to the compilation and harmonisation of European and national standards and regulations. One aim is to define standards for suction and flushing vehicles. In addition, the association reviews changes in political frameworks and statutory regulations of significance for the development, construction and marketing of corresponding machines. The working committee is currently working on a DIN SPEC for the calculation of the carbon emissions of special vehicles for pipe, sewer and industrial cleaning as well as the disposal of liquid waste.

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ROAD SWEEPING VEHICLES AND DEVICES

EUROPEAN STANDARDS FOR ENVIRONMENTAL EFFICIENCY AND SIMPLIFIED TYPE APPROVALS

In its meetings, the road sweeping vehicles and devices committee discusses current topics such as assistance systems, new approval regulations, energy consumption measurements, electromobility and their standardisation by DIN and ISO. Special attention is paid, for example, to the environmental efficiency and energy consumption measurement of sweeping vehicles. In connection with DIN SPEC 30752 3, it is planned to create an interface for the integration of our data relating to sweeping vehicle bodies into the VECTO programme of the European Union. This involves the calculation of the comprehensive energy consumption of the vehicle, which can be made available to the customer. The EC type approval procedure pursuant to Directive 2007/46/EC for vehicles with a specific intended use and the associated vehicle registrations in Europe are a further topic discussed by the sweeping vehicles committee.

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SNOW-CLEARING AND GRITTING VEHICLES AND DEVICES

COMMON INTERFACES WINNING TECHNOLOGIES

The working committee on snow-clearing and gritting vehicles and devices actively supports various committees and working groups; it also delegates specialists to prepare standards for the German municipal services standards committee (NKT), the European Committee for Standardisation (CEN) and the International Organisation for Standardisation (ISO).

A further objective of the working committee on snow-clearing and gritting vehicles and devices is to establish uniform interfaces between vehicles and their equipment. These form the basis for safe and faultless interaction between the vehicle and the devices. In addition, the working committee discusses changes in political framework conditions and statutory regulations of significance for the development, construction and marketing of machines in its field of activity.

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TRUCK MANUFACTURERS

MAXIMUM POWER – MINIMUM EMISSIONS

The manifold activities of vehicle manufacturers in the VAK working committees have resulted in many innovative solutions setting standards throughout Europe. Together with the manufacturers of vehicle bodies, the chassis manufacturers' engineers develop custom-built solutions for devices and municipal vehicles.

Specific chassis ensure safe and comfortable operation, thus enabling cost-efficient logistics and services in urban areas. Optimally designed for the job, our member companies' devices and municipal vehicles keep vehicle costs per activity unit low and benefit people as well as the environment with their low emissions.

The manufacturers thus make an important contribution to increasing the efficiency of their machines. At a time when climate protection has become a task of major importance for society as a whole, this has an effect far beyond our industries.

PARTNERS

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SUPPLIERS OF ACCESSORIES

Devices and municipal vehicles need the assemblies and components produced by many of the association's suppliers and partners before they can be transformed into optimum refuse disposal, cleaning, maintenance and logistics systems. With their exceptional technical expertise and business know-how, the VAK partner companies have developed several innovations making the entire

industry a major sector in Europe. Installed in customers' equipment and municipal vehicles, our partner companies' products make full use of the technical opportunities available. This has resulted in the development of a distinct brand awareness.



VAK AND IFAT



THE JOINT VAK STAND AND THE TRUCK IN ACTION SHOW

EFFICIENT SOLUTIONS – ENVIRONMENTAL ENGINEERING FOR THE FUTURE

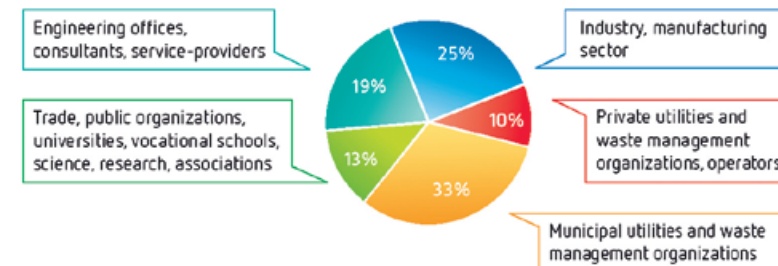
How can we save resources and operate economically in a manner sustainable for future generations while mastering the challenges facing us at the same time? IFAT is a global platform for machines, systems and services associated with water, sewage, refuse and raw materials management. More than 3,000 exhibitors covering an area of 230,000 square metres present their environmental engineering innovations at IFAT. With international exhibitors and visitors accounting for more than 40% of the total, IFAT provides a global overview of technical solutions and prospects from around the world.



VISITOR STRUCTURE OF IFAT

3,097 exhibitors from 59 countries
(international share of 45%)

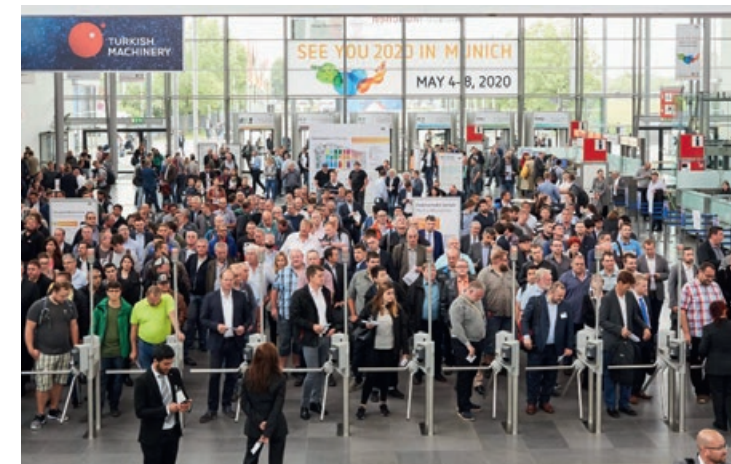
136,885 visitors from 168 countries
(international share of 48%)



A SHOWCASE FOR EXPERTISE

The VAK is an endorsing sponsor of IFAT, where some 3,000 exhibitors from around the globe, including the VAK itself, present their innovations in the fields of water, sewage, refuse and raw materials management.

The VAK has come up with a number of ideas: members and other interested visitors can obtain up-to-the-minute information on technologies and innovations at our joint VAK stand. At our VAK Truck in Action Show, visitors can moreover experience our member companies' vehicles – and hence state-of-the-art technology – at first hand.



VAK TRUCK IN ACTION SHOW: EXPERIENCE LIVE DEMONSTRATIONS UP CLOSE

At this show, you will see innovative new vehicles and bodies. The VAK Truck in Action Show offers you the opportunity to obtain detailed explanations of the processes and workflows of the vehicles and bodies. VAK members from five working committees send their trucks and machines onto the stage for live demonstrations and presentations of the complete range of municipal processes.

Every day of the trade fair, our member companies will present around 60 different vehicles at the VAK Truck in Action Show.



Publisher: VAK | Verband der Arbeitsgeräte- und Kommunalfahrzeug-Industrie e.V. | Am Eichgarten 15 | D-12167 Berlin - Last updated: May 2022
Concept & design: www.ankerplatz-hamburg.de | Illustrations: www.iama.com | Working committee photos: shutterstock.de | Cover graphic: istockphoto.de/your_photo
Other photos: p. 4 istockphoto.de/sturti | p. 6 istockphoto.de/Pattanaphong Khuankaew | pp. 18-19 © Truck manufacturers | p.25 © Messe-München-GmbH | Other photos © VAK e.V.

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