



Committee work at figawa

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The figawa member companies are committed to an economic order based on competition. This includes, on the one hand, the use of the existing leeway and, on the other hand, compliance with the requirements of antitrust law and business.

Topics in committee meetings

Not only agreements can constitute legal violations, but also the exchange of sensitive information. In the context of association meetings, therefore, no company-related information may be exchanged that violates the secrecy of competition.

In particular, agreements and information on:

- prices, price components, discounts, price calculations, price strategies and planned price changes
- sales figures, revenues, profits, margins and market shares
- corporate strategies and future market behavior
- delivery and payment terms and conditions with third parties

This also applies in principle to information that is publicly accessible.

Also inadmissible are agreements on:

- offers to third parties (possibly punishable under Section 298 of the German Criminal Code)
- Sharing of markets or sources of supply in terms of space or personnel
- Concrete supply or purchase blockades (boycotts) against other companies

Compliance



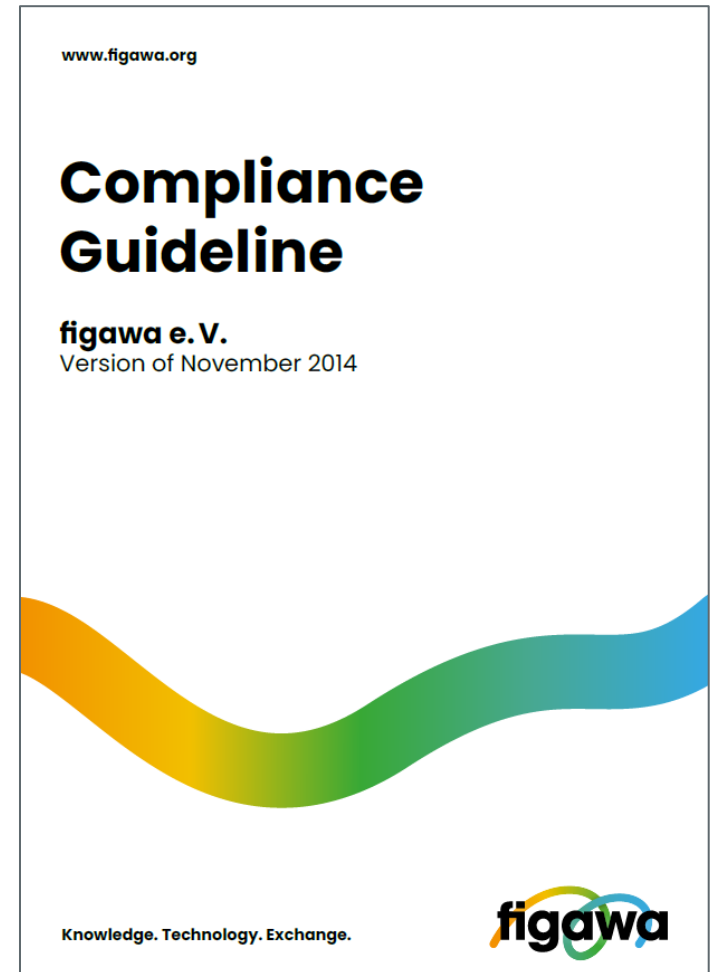
Organization of committee meetings

Meetings of committees (sectors, working groups, coordination groups) of the Association are invited by the respective responsible full-time Association staff in coordination with the respective appointed chair.

During the meeting, only those topics should be discussed that are on the agenda. No inadmissible resolutions or agreements may be made during the meeting.

The meeting shall be minuted by the full-time employee of the Association. The minutes must be correct and complete; in particular, they must reflect all resolutions passed.

A prerequisite for participation in our committee meetings is full acceptance of the Compliance Guidelines and the obligation to conduct oneself in accordance with them.



Committee and working structure



Participation in all figawa sectors and working groups is open to all member companies.

- There is **no limit to how many people can be sent to figawa committees.**
- **All representatives** of our member companies are **welcome!**
- **It is possible to participate in all committees** in which interest is shown. Regardless of whether these are gas, liquid fuels or water sectors or working groups.
- **Participation in the committees is possible at any time.** All you have to do is inform the responsible technical officer or our [membership administration](#).
- Our **compliance guidelines** apply in the work of the association and especially in committee meetings.
- **The work in coordination groups is carried out by elected representatives** of the individual sectors or working groups.

Committee and working structure



Sectors

Sectors coordinate and control the technical work. Each sector elects a chair and a vice chair. The chair represents the sector in the managing board.

Sectors meet at least twice a year to coordinate the formal aspects of the association's work and to conduct technical exchanges across the working groups. Meetings take place in presence and online.

Working groups

The technical work below the sectors takes place in the working groups. The frequency of meetings is determined by the respective working group individually and according to necessity.

Working groups are set up as permanent bodies that work as closed groups on a permanent basis, on a basis of trust, on a personal basis and also protected to a certain extent. Each working group elects a chairperson who leads the technical work of the working group together with the full-time technical officer and reports on the work in the sector. A vice chair can be elected..

Coordination groups

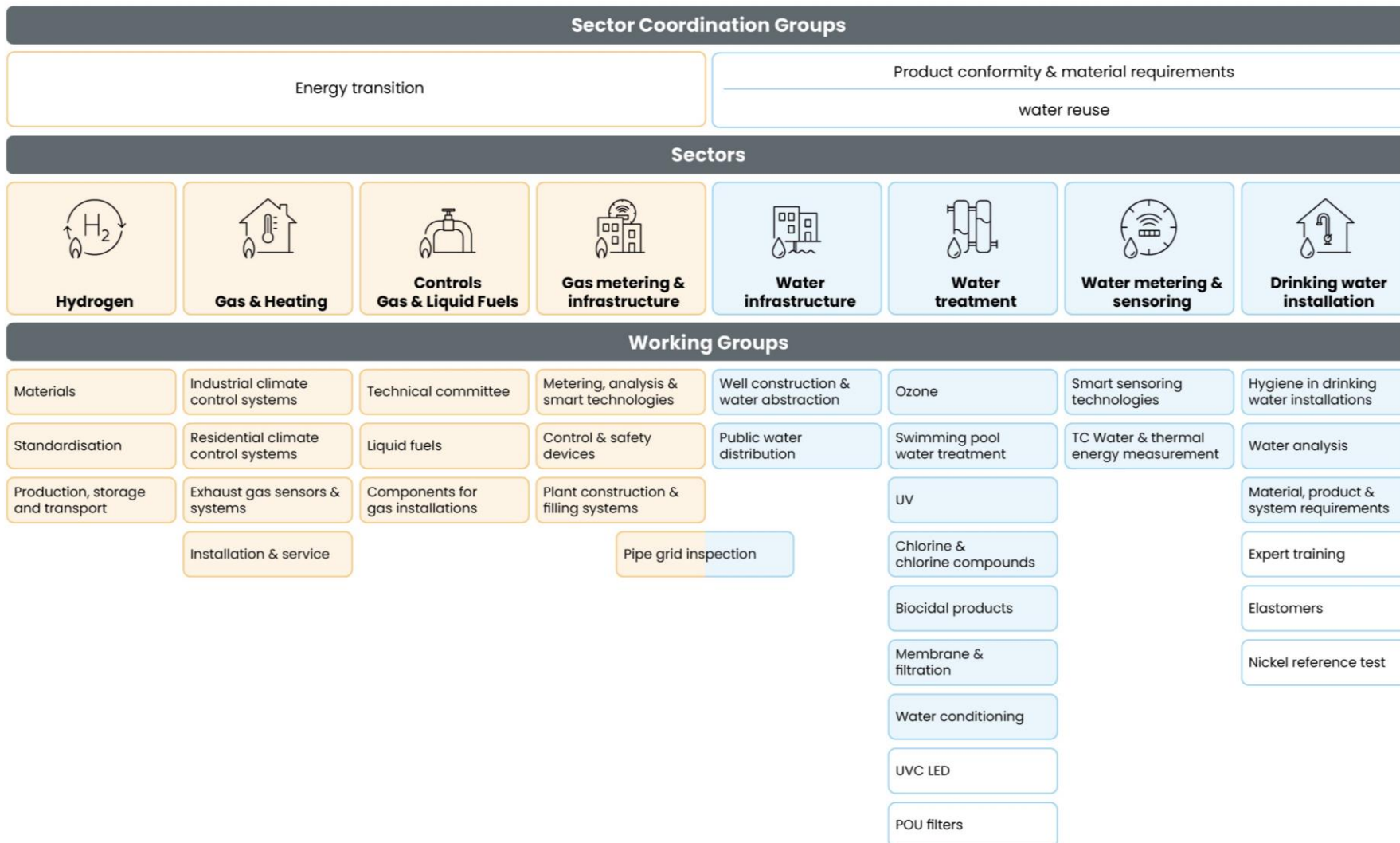
The technical work can be carried out in a supportive manner by coordination groups.

Coordination groups can be formed between two or more sectors or working groups. Coordination groups between individual sectors are set up by the Managing Board. Coordination groups between working groups are established and coordinated by the respective sector. The frequency of meetings is determined by the coordination group.

Participation in intersectoral coordination groups is carried out by elected representatives of the individual sectors („delegation principle“). They report back to their sector and to the Managing board. They represent the positions and proposals of their sector in the coordination group.

Coordination circles can elect a chair if necessary..

Committee structure



Coordination group Energy Transition

Intersectoral coordination group



Chair Christoph Schreckenberger | Vaillant GmbH
Vice Chair Jens Hundrieser | Endress + Hauser GmbH & Co. KG
Technical Officer [Arne Gmerek](#) | figawa e.V.

Key topics

- Hydrogen in the heat market – figawa’s point of view
- Internal and external communication; national and European
- Acting towards politics, associations, etc.

Focus of work

- Development of a communication strategy on the topic of hydrogen in the direction of the public/politics/industry/regulators
- Forming and furthering of alliances
- Participation in events of the network
- Elaboration of statements/publications
- Planning and implementation of internal and external technical events (online/present)

Target group

- Companies with involvement in the transition from the use of natural gas to renewable gases
- Group of persons: Experts in the field of communication and technical marketing

Network

DG ENER, DG GROW, BMWi, BMU, BDH, BDEW, ZVSHK, BTGA, RBV, Zukunft Gas, DWV, DVGW LK1 and LK2, DVGW CERT, Vulkan-Verlag

CG Energy Transition

CG Product Conformity & Material
Requirements

CG Water Reuse

Coordination group Product Conformity & Material Requirements

Intersectoral coordination group



Chair
Technical Officer

Stefanie Facklam | WILO SE
[Lars Neveling](#) | figawa e.V.

Key topics

- Regulatory requirements for materials in contact with drinking water national and European
- Normative requirements for materials national and european
- Product conformity requirements national and European
- Strategic communication to the industry

Focus of work

- Monitoring and strategic coordination regarding the national implementation of Article 11 of the EU Drinking Water Directive
- Technical monitoring of the delegated and implementing acts of Article 11 of the EU Drinking Water Directive
- Strategic steering of the European Drinking Water initiative
- Monitoring and coordination of national requirements for materials and products
- Coordination with other national and European associations involved

Target group

- Manufacturers of products in contact with drinking water
- Group of persons: Decision-makers in technical and regulatory issues

Network

EU Commission, ECHA, European Drinking Water, German Environment Agency, Aqua Europa, wdk, PlasticsEurope, cefic, VDMA, Accredited Certification Bodies, Accredited Test Laboratories, Associations Forum

CG Energy Transition

CG Product Conformity & Material
Requirements

CG Water Reuse

Coordination group Water Reuse

Intersectoral coordination group



Chair

N.N.

Technical Officer

[Michael Reinders](#) | figawa e.V.

Key topics

- Contributing to and monitoring international, European and national standardization and rule-making
- Monitoring and processing of general developments in the industry
- National, European and international networking
- Knowledge transfer

Focus of work

- Determination at the constituent meeting on June 22, 2023

Target group

- Manufacturer of water reuse products and service providers.
- Function in the company: Technical experts

Network

ISO TC 282, EU Kommission, DWA, DVGW, BDEW, German Water Partnership, AQUA Europa, Water Europe, Water Reuse Europe, UBA, LAWA

CG Energy Transition

CG Product Conformity & Material
Requirements

CG Water Reuse

Sector Hydrogen



Chair Christoph Schreckenberger | Vaillant GmbH
Vice Chair Edgar Kreis | Schwank GmbH
Technical Officer [Arne Gmerek](#) | figawa e.V.

Key topics

- Integration of work content on the topic of hydrogen from all sectors
- Bundling and representation of the topic of hydrogen to the outside world
- Establishment of hydrogen in the heat market and process heat

Target group

- Manufacturers of equipment and components, as well as service providers in planning, construction and operation across the entire H₂ value chain
- Group of persons: General manager, product manager, technical manager, or similar

Focus of work

- Materials with regard to their compatibility with H₂ and H₂ mixtures (corrosion behavior, permeation, mechanical/ technical properties)
- Standardization (testing principles for materials, testing principles for components and devices)
- Generation, storage and transport (planning, construction, operation of power-to-gas plants, electrolyzers and their components, hydrogen feed-in plants, control and regulation technology)
- Technical communication towards the public, politics and committees
- Sector coupling for the areas of heat, electricity and storage, as well as material use

Network

PTB, BAM, MPAs, CEN SFG I, CEN SFG U, CEN SFEM, CEN TCs, CENELEC TCs, ISO TCs, IEC TCs, DG ENER, DG GROW, DVGW, BDH; BDEW, VDMA, ZVSHK, DECHEMA, dena, Zukunft Gas, DBI, European Clean Hydrogen Alliance



Sector Hydrogen

WG Materials

WG Standardisation

WG Production, Storage
& Transport

Working group Materials

Sector Hydrogen



Chair

Franck Royer | Compounds AG

Vice Chair

Dr. Holger Brauer | Mannesmann Line Pipe GmbH

Technical Officer

[Arne Gmerek](#) | figawa e.V.

Key topics

- Knowledge base for materials on H_2 / CH_4 mixtures and 100% H_2
- R+D projects

Focus of work

- Creation of foundations for standardization
- Support and initiation of projects on materials
- Identify and communicate R&D needs

Target group

- Manufacturers and users of elastomers, plastics, steels, non-ferrous metals or similar across the entire value chain H_2
- Group of persons: Welding engineers, material compliance officers, design engineers or equivalent

Network

PTB, BAM, MPAs, CEN SFG I, CEN SFG U, CEN SFEM, CEN TC 234/TC 58/TC 109/TC 131/TC 180/TC 186, DVGW LK1 and LK2, DVGW CERT, BDH, DECHEMA, WdK, TÜV Süd, EBI, DBI



Sector Hydrogen

WG Materials

WG Standardisation

WG Production, Storage
& Transport

Working group Standardisation

Sector Hydrogen



Chair Dr.-Ing. Karl-Günther Dalsäß | Karl Dungs GmbH & Co. KG
Vice Chair Edgar Kreis | Schwank GmbH
Technical Officer [Arne Gmerek](#) | figawa e.V.

Key topics

- Joint normative approach to hydrogen
- Overview of regulatory and standardization work
- Standardization strategy and exchange of information on CEN and ISO regulatory work and international rulemaking
- Standardization strategy and exchange of information on DVGW regulatory work and national rulemaking

Focus of work

- Development of a joint standardization strategy involving national and international standards
- Support and initiation of current projects of NAGas, NHRS, etc.
- Initiation and support of certification programs of DVGW CERT, Kiwa, etc.

Target group

- Manufacturers of equipment and components, as well as service providers in planning, construction and operation across the entire H₂ value chain
- Group of persons: Experts in the field of standardization, product approval and certification

Network

CEN SFG I, CEN SFG U, CEN SFEM, CENELEC, ISO, IEC, DIN NHRS, DIN NAGas, DVGW LK1 and LK2, DVGW CERT, Kiwa, VDI, VDMA, VDE



Sector Hydrogen

WG Materials

WG Standardisation

WG Production, Storage
& Transport

Working group Production, Storage & Transport

Sector Hydrogen



Chair
Technical Officer

Dr. Philipp Skoda | SANHA GmbH & Co. KG
[Arne Gmerek](#) | figawa e.V.

Key topics

- Forum for knowledge exchange on generation, storage and transport systems and devices for climate-neutral hydrogen
- Safety and metrological equipment for storage and transport systems

Focus of work

- Adaptation of the existing regulatory framework to the use of hydrogen up to 700 bars
- Evaluation of technologies and products
- Identification of potential services
- Initiation of and cooperation in closing regulatory gaps
- Creation of a knowledge compendium covering the entire hydrogen value chain

Target group

- Manufacturers of equipment and components, as well as service providers in planning, construction and operation across the entire H₂ value chain
- Group of persons: Experts in the field of generation, storage, transport

Network

PTB, BAM, MPAs, CEN SFG I, CEN SFEM, CENELEC, DVGW LK1 and LK2



Sector Hydrogen

WG Materials

WG Standardisation

WG Production, Storage
& Transport

Sector Gas & Heating



Chair Prof. Friedhelm Schlößer | Schwank GmbH
Vice Chair Christoph Schreckenber | Vaillant GmbH
Technical Officer [Harald Petermann](#) | figawa e.V.

Key topics

- Internationalization of national and European standardization for equipment and services
- National regulatory framework for maintenance
- National and European legal framework

Focus of work

- Design of the national and European legal framework
- Evaluation of the energetic efficiency of devices
- Determination of the hydrogen suitability of devices
- National and European testing principles, certification

Target group

- Manufacturers of plant technology for heating, ventilation and air conditioning systems in the areas of heat generation, heat storage, heat distribution and heat transfer
- Manufacturers of drinking water heating systems
- Service providers in the field of maintenance and reconstruction
- Manufacturers of exhaust systems
- Group of persons: General Manager, Product Manager, Technical Manager or comparable

Network

CEN TC 109, TC 180, TC 131, TC 186, TC 47, TC 238, DIN NHRS, DIN NAGas, DVGW LK2, DIN NAM



Sector Gas & Heating

WG Industrial Climate
Control Systems

WG Residential
Climate Control
Systems

WG Exhaust Gas
Sensors & Systems

WG Installation &
Service

Working group Industrial Climate Control Systems

Sector Gas & Heating



Chair

Uwe Flohren | Schwank GmbH

Vice Chair

Klaus Dödtmann | nordluft Wärme- und Lüftungstechnik GmbH & Co. KG

Technical Officer

[Harald Petermann](#) | figawa e.V.

Key topics

- Establish non-residential buildings (hall buildings) as an important and independent category in legislation and standardization
- Generation of technology-neutral and economical solutions for energy-saving requirements for hall buildings in Germany and Europe
- Transformation of gas as a renewable energy
- Climatic conditioning of indoor air

Focus of work

- Implementation of the Building Energy Law (GEG) for hall buildings
- Promotion of efficient hall heating systems within the framework of the Federal Promotion for Efficient Buildings (BEG)
- Simplification and review of the system standard DIN V 18599
- Implementation of hydrogen technology for heating systems
- Support for the „Green heating decentralized“ – initiative
- VDI 3805 – Building Information Modeling (BIM)

Target group

- Manufacturer of decentralized hall heating systems
- Gas infrared radiant heating
- Direct fired warm air heaters
- Hybrid systems
- Group of persons: General Manager, Product Manager, Technical Manager, etc.

Network

CEN TC 180, DIN NAGas, DVGW LK2, EBI, ELVHIS, EURO AIR



Sector Gas & Heating

WG Industrial Climate
Control Systems

WG Residential
Climate Control
Systems

WG Exhaust Gas
Sensors & Systems

WG Installation &
Service

Working group Residential Climate Control Systems

Sector Gas & Heating



Chair
Technical Officers

Christoph Schreckenbergr | Vaillant GmbH
[Harald Petermann](#) | figawa e.V. / Dr. Lothar Breidenbach | BDH

in cooperation with



Key topics

- Information on the economic development of heating technology (BDH)
- German and European political and regulatory frameworks
- Technical issues

Target group

- Manufacturers of heat generators of various technologies such as gas/oil condensing, heat pumps, hybrids, etc.
- Manufacturers of drinking water heating systems and drinking water storage tanks
- Manufacturers of heating pumps and drinking water pumps
- Manufacturers of heating water conditioners
- Manufacturers of air conditioners
- Group of persons: General managers, product managers, technical managers, developers, etc.

Focus of work

- National hydrogen strategy and accompanying activities
- New regulations in the GEG
- UBA assessment principles (materials in contact with drinking water)
- European Green Deal and EU Recovery Plan / EU Renovation Wave
- Evaluation of EU Regulations Lot 1 / Lot 2
- European Drinking Water Directive
- Field test on the use of heating oil with regenerative blending components
- Gas harmonization Europe / Germany
- VDI 2035 part 1 (heating water)
- Revision DWA-A 251

Network

BDH, CEN TC 47, TC 57, TC 109, TC 131, TC 228, CENELEC TC 62, TC 72, DIN NAGas, DIN NHRS, DVGW LK2, TÜV Süd, TÜV Rheinland, VDI, DWA



Sector Gas & Heating

WG Industrial Climate
Control Systems

WG Residential
Climate Control
Systems

WG Exhaust Gas
Sensors & Systems

WG Installation &
Service

Working group Exhaust Gas Sensors & Systems

Sector Gas & Heating



Chair Dr. Dietmar Doll | MRU Messgeräte für Rauchgase und Umweltschutz GmbH
Vice Chair Richard Skoberla | SYSTRONIK Elektronik und Systemtechnik GmbH
Technical Officer [Harald Petermann](#) | figawa e.V.

Key topics

- Standardization/regulation and framework conditions for the application of sensor technologies for the detection of combustible gases and exhaust gases from combustion processes
- Standardization/regulation for exhaust systems and their systems
- EU Directive on the efficiency of buildings
- Leakage and tightness tests of gas pipes
- (TRGI installations and gas installations in industry)
- Hydrogen applications for domestic combustion plants

Target group

- Manufacturers of portable measuring devices for analysis of the components of combustion exhaust gases from heat generators
- Manufacturers of exhaust gas sensors for regulation and control of combustion processes
- Exhaust gas system manufacturers
- Group of persons: General Manager, Product Manager, Technical Manager, Developer etc.

Focus of work

- Standardization/Regulation European
- CEN/TC58/WG14 – Sensors
- Criteria for the assessment of the suitability and safe usability of combustion plants
- Information on the status of VDI regulations
- News from the chimney sweep trade – KÜO, 1st BImSchV, 44th BImSchV

Network

DVGW, ZIV, CEN TC 58, TC 109, TC 166, CENELEC TC 216, DIN NAGas, DIN HRS, DIN NABau, VDI, TÜV Süd, CoGDEM, AFECOR



Sector Gas & Heating

WG Industrial Climate
Control Systems

WG Residential
Climate Control
Systems

WG Exhaust Gas
Sensors & Systems

WG Installation &
Service

Working group Installation & Service

Sector Gas & Heating



Chair Edgar Kreis | Schwank GmbH
Vice Chair Holger Brehm | LPR Energy GmbH
Technical Officer [Harald Petermann](#) | figawa e.V.

Key topics

- Representing the interests of companies that carry out planning, installation, maintenance and servicing of gas systems, gas appliances and thermoprocessing equipment
- Dealing with fuel gases of different quality and origin in heating technology and the necessary adjustments in the existing equipment infrastructure, also against the background of the upcoming energy turnaround
- Rule setting for new business areas in the field of planning, installation, maintenance and service.

Focus of work

- Definition of an interface between maintenance and repair of gas equipment on plant premises
- Bundling of the interests of the certified conversion companies of the L/H and green hydrogen gas conversion
 - Participation in the creation and maintenance of the German rules and regulations for L/H gas conversion
 - Participation in the regulatory work of the DVGW
 - Provision of information on the political discussion on the energy transition and its impact on heating technology
- Identification of the business areas relevant to our member companies that require rulemaking
 - Identification of the responsible rule-making bodies and opportunities for influence or cooperation

Target group

- Service providers for maintenance, repair and conversion of gas appliances and thermo-process equipment
- Group of persons: General Manager, Product Manager, Technical Manager, etc.

Network

DVGW LK2, VDMA-FA Thermoprozesstechnik, EBI, GWI



Sector Gas & Heating

WG Industrial Climate
Control Systems

WG Residential
Climate Control
Systems

WG Exhaust Gas
Sensors & Systems

WG Installation &
Service

Sector Controls, Gas & Liquid Fuels



Chair Karl Dungs | Karl Dungs GmbH & Co. KG
Vice Chair Jörg Susan | Siemens AG
Technical Officer [Harald Petermann](#) | figawa e.V.

Key topics

- Further development of national regulations/standards and European/international standardization
- Cross-industry forum for the exchange of information between the relevant players in the industry

Focus of work

- Technical implementation of the energy transition in the area of heating and process heat
- Establishment of hydrogen and eFuels by creating a test basis for the certification of components
- Active support of research projects

Target group

- Component manufacturers for industrial, commercial and domestic use of renewable/fossil, gaseous/ liquid fuels and combustibles
- Group of persons: Decision makers in technical and regulatory topics

Network

ISO/TC 161, CEN/TC 47/TC 47 WG4/CEN/TC 58, DIN NHRS, DIN NAGas, DIN NAM, TÜV, en2x, BDH, AGQM, VDMA, UNITI, EHI, AFECOR, EUROFUEL



Sector Controls, Gas &
Liquid Fuels

WG Technical Committee

WG Liquid Fuels

WG Components for Gas
Installations

Working group Technical Committee

Sector Controls, Gas & Liquid Fuels



Chair

Dr.-Ing. Karl Dalsäß | Karl Dungs GmbH & Co. KG

Vice Chair

Jürgen Schwalme | ebm-papst Landshut GmbH

Technical Officer

[Harald Petermann](#) | figawa e.V. / Dr. Lothar Breidenbach | BDH

in cooperation with

BDH

Bundesverband der
Deutschen Heizungsindustrie

Key topics

- Further development of European and international standardization of gas use in the field of components with the objective of functional safety
- Reporting on and participation in the regulatory framework at national and European level
- Participation in R&D projects
- Market development, reporting
- Technologies

Target group

- Component manufacturers for industrial, commercial and domestic use of renewable/fossil, gaseous/liquid fuels and combustibles
- Group of persons: Technical experts, people with expertise on market trends

Focus of work

- Directives and regulations at European and national level, e. g:
 - European
 - REACH/RoHS
 - Overview EU studies energy efficiency/building efficiency
 - CEN Guide Gas
 - UKCA – Approvals
 - National
 - Future use of hydrogen
- European and international standardization
 - Management standardization projects
 - Component standardization European
 - Component standardization global
 - Application standards

Network

ISO, CEN, CENELEC, IEC, DIN, TÜV, DVGW, EBI, BAM, BDH, EHI, Orgalim, AFECOR



Sector Controls, Gas &
Liquid Fuels

WG Technical Committee

WG Liquid Fuels

WG Components for Gas
Installations

Working group Liquid Fuels

Sector Controls, Gas & Liquid Fuels



Chair

Ralf Schröder | AFRISO-EURO-INDEX GmbH

Vice Chair

Karsten Schober | GOK Regler- u. Armaturen Gesellschaft mbH & Co. KG

Technical Officer

[Harald Petermann](#) | figawa e.V.

Key topics

- National and European standardization
- Research and development
- Establishment of CO₂-neutral fuels
- Legal framework
- National regulations on handling substances hazardous to water

Target group

- Manufacturer of components for supply systems of liquid fuels, eFuels (from tank to point of use)
- Group of persons: Technical experts, Product manager

Network

CEN TC 47/TC 47 WG4, DIN NHRS, AGQM, BDH, IWO, TÜV, UNITI, DWA, n2x, DGMK, DIBt

Focus of work

- Activities CEN/TC 47/WG4 „Atomizing oil burners and their components“ and DIN mirror committee
- Informal exchange and active participation in DIN standards and steering committees
- Standardization of paraffinic fuels
- Active participation in the rules and regulations of the Deutsche Vereinigung für Wasserwirtschaft, Abwasser und Abfall e. V. (German Association for Water, Wastewater and Waste) (DWA)
- Technical Rules on Substances Hazardous to Water (TRWS)
- Informational exchange with the DIBt
 - Model administrative regulation Technical building regulations (MVV TB)
 - Model Building Code (MBO)
- Active cooperation in projects of the „Deutsche wissenschaftliche Gesellschaft für Erdöl, Erdgas und Kohle e. V.“ („German Scientific Society for Petroleum, Natural Gas and Coal“) (DGMK)



Sector Controls, Gas &
Liquid Fuels

WG Technical Committee

WG Liquid Fuels

WG Components for Gas
Installations

Working group Components for Gas Installations

Sector Controls, Gas & Liquid Fuels



Chair

Klaus W. Jesse | Maxitrol GmbH & Co. KG

Vice Chair

Tino Reinhard | Geberit RLS Beteiligungs GmbH

Technical Officer

[Arne Gmerek](#) | figawa e.V.

Key topics

- Participation in the preparation of technical regulations according to DIN and DVGW (product standardization) for domestic gas installations
- Support of R&D projects in the project support groups of DVGW
- Report from the Gas Standards Committee (NAGas)

Focus of work

- Components and auxiliary materials
- H₂ suitability / H₂ readiness / H₂ certification programs
- Hydrogen Innovation Program DVGW
- G 260 E „Gas properties“
- Safety of sealants according to DIN EN 751 in installed condition – basic investigations
- MeGAn – Methane emissions in gas applications
- Elastomer seals – certification for 50-year service life

Target group

- Manufacturer of components for domestic gas installation according to DVGW TRGI G600
- Group of persons: Technical experts, Product manager

Network

CEN TC 208, DVGW LK2, DIN NAGas, GWI, EBI, DBI, WDK, MPAs



Sector Controls, Gas &
Liquid Fuels

WG Technical Committee

WG Liquid Fuels

WG Components for Gas
Installations

Sector Gas Metering & Infrastructure



Chair Thorsten Dietz | RMG Messtechnik GmbH
Vice Chair Carsten Lorenz | Fiorentini Deutschland GmbH
Technical Officer [Arne Gmerek](#) | figawa e.V.

Key topics

- Further development of the European and international standardization of gas meters and gas analysers in gas infrastructure and domestic/commercial/industrial applications
- Further development of the European and international standardization of gas pressure regulators and gas safety devices in gas infrastructure
- Co-design of the European and national regulatory framework of gas infrastructure and commercial gas supply
- BMWi-BSI Roadmap Process

Focus of work

- Internationalization of product standardization
- Qualification of products for non-conventional gases
- Qualification of products in accordance with legal metrology requirements
- Qualification of companies according to national regulations

Target group

- Manufacturers of gas meters (and their communication equipment)
- Manufacturers of gas pressure regulators and safety valves
- Manufacturers of gas analysis devices and systems
- Manufacturers of gas analysis devices and systems
- Group of persons: Decision-makers in technical and regulatory issues, managing director, product manager, technical manager or comparable, technical experts

Network

ISO TC 161, CEN TC 234/TC 235/TC 237, CEN SFG I, CEN SFEM, DVGW, BDEW, DIN NHRS, DIN NAGas, DIN NAA, MARCOGAZ, FARECOGAZ, Orgalim, GWI, EBI, DBI, PTB, BSI, BMWK



Sector Gas Metering &
Infrastructure

WG Metering, Analysis &
Smart Technologies

WG Control & Safety
Devices

WG Plant Construction &
Filling Systems

Working group Metering, Analysis & Smart Technologies

Sector Gas Metering & Infrastructure



Chair Michael Franz | Elster GmbH
Vice Chair Dr. Michael Grexa | RMG Messtechnik GmbH
Technical Officer [Arne Gmerek](#) | figawa e.V.

Key topics

- Further development of European and international standardization of gas meters in gas infrastructure and domestic/commercial/industrial applications, in the committees:
 - CEN/TC 234 Gasinfrastruktur
 - CEN/TC 234 Gas infrastructure
 - CEN/TC 237 Gas meters
 - CEN/TC 294 Communication systems for meters
 - CEN/TC 408 Natural gas and biomethane
 - DVGW TK1 Gas metering and billing
- Monitoring of the technical and regulatory framework in the following areas:
 - AGME Working Group on Metrology and Verification
 - PTB AA Gas Measurement
 - European directives and standardization
 - SMGW Smartmeter Gateway
 - OMS – Group
 - WELMEC European legal metrology
 - OIML International Organization Legal Metrology

Focus of work

- Implementation and qualification of hydrogen technology for gas measurement technology with consideration of metrology
- Internationalization of product standardization
- Qualification of products in accordance with legal metrology, international and national requirements
- BMWi – BSI Roadmap Process

Target group

- Manufacturers of gas meters (and their communication equipment) and gas analyzers
- Group of persons: Technical experts, Product manager

Network

CEN TC 237, DVGW LK1 and LK2, DIN NAGas, DIN NHRS, PTB, OIML, WELMEC, OMS, BMWK, BSI



Sector Gas Metering & Infrastructure

WG Metering, Analysis & Smart Technologies

WG Control & Safety Devices

WG Plant Construction & Filling Systems

Working group Control & Safety Devices

Sector Gas Metering & Infrastructure



Chair Paul Ladage | Elster GmbH

Vice Chair Alexander Schneider | GMT GmbH Honeywell Process Solutions (HPS)

Technical Officer [Arne Gmerek](#) | figawa e.V.

Key topics

- Further development of the European and international standardization of gas pressure regulators and safety devices of the gas infrastructure

Focus of work

- Internationalization of product standardization
- Qualification of products for non-conventional gases
- European standardization (CEN/TC 234, CEN/TC 235)
- International standardization (ISO/TC 161/WG5)
- National standardization of products in DIN NAGas

Target group

- Manufacturers of gas pressure regulators and safety valves
- Planners, plant constructors and MSR plant constructors of gas pressure regulating and measuring systems
- Group of persons: Technical experts, Product manager

Network

ISO/TC 161, CEN/TC 235, DIN NAGas, DVGW LK1, GWI, DBI, EBI, FARECOGAZ, MARCOGAZ



Sector Gas Metering &
Infrastructure

WG Metering, Analysis &
Smart Technologies

WG Control & Safety
Devices

WG Plant Construction &
Filling Systems

Working group Plant Construction & Filling Systems

Sector Gas Metering & Infrastructure



Chair Olaf Steinbach | CeH4 technologies GmbH
Vice Chair Günter Klein | RATEC GmbH Ingenieurbüro für Gas- u. Wärmetechnik
Technical Officer [Arne Gmerek](#) | figawa e.V.

Key topics

- Further development of national and European standardization of gas infrastructure
- Provision of information on the national regulatory framework
- Quality assurance within the framework of company certification according to G 493
- Information on developments in gas network technology
- Information on occupational safety measures and legal conditions
- Digitalization in the areas of service, planning, construction and operation
- Centralized and decentralized LNG supply
- Establishment of a system for the distribution and use of hydrogen
- Creation of infrastructure for gas mobility

Target group

- Planners, plant constructors and MSR plant constructors of gas pressure control and measuring systems
- Group of persons: Technical experts, Product manager

Focus of work

- DVGW TK- Plant engineering and DIN NAGas
- DVGW TK- Renewable gases
- DVGW TK- Infrastructure Gas Mobility
- European standardization (CEN/TC 234)
- CEN/TC 234 WG 6 Gas Pressure Regulation
- ISO/TC 252 Project committee: Natural gas fuelling stations for vehicles
- Sector coupling
- Hydrogen & Mobility

Network

ISO/TC 161, CEN/TC 235, DIN NAGas, DVGW LK1, GWI, DBI, EBI, FARECOGAZ, MARCOGAZ



Sector Gas Metering &
Infrastructure

WG Metering, Analysis &
Smart Technologies

WG Control & Safety
Devices

WG Plant Construction &
Filling Systems

Working group Pipe Grid Inspection

Sector Gas Metering & Infrastructure / Sector Water Infrastructure



Chair Andreas Schweitzer | Hermann Sewerin GmbH
Vice Chair Volker Heimbürger | Schütz GmbH Messtechnik
Technical Officer [Arne Gmerek](#) / [Michael Reinders](#) | figawa e.V.

Key topics

- Information on the national regulatory framework
- Quality assurance within the scope of company certification according to G 468 and W 491
- Information on developments in gas network technology and applied sensor technology
- Information on occupational safety measures and the legal conditions

Target group

- Manufacturers of mobile measuring devices for the detection of methane and other gaseous components of natural gas and water
- Service companies for pipe network inspection with a company certification according to G 468 and W 491
- Group of persons: General manager, product manager, technical manager, project manager or similar

Focus of work

- Certification questions G 468 of DVGW CERT GmbH
- Active participation in the design of the DVGW rules and regulations
- Active design of a high-quality level in company certification
- Positioning of the pipe network inspection industry vis-à-vis the gas industry
- Information about technical developments and research
- Initiation of own R&D projects
- Information about regulatory frameworks national/european
- Participation in the redesign of the training concept for pipe network inspectors
- Participation in the DVGW R&D project „Evaluation of new measurement methods for pipeline inspection in gas networks“
- Information regarding methane emissions in the gas infrastructure sector in Germany
- Hydrogen development in Germany

Network

DVGW LK1, DVGW CERT, BDEW



WG Pipe Grid Inspection

Sector Water Infrastructure



Chair Oliver Jäger | vonRoll hydro (deutschland) gmbh & co kg
Vice Chair Sascha Barkowsky | Wilhelm Ewe GmbH & Co. KG
Technical Officer [Michael Reinders](#) | figawa e.V.

Key topics

- Planning, construction, operation, regeneration, dismantling of wells and monitoring wells, geothermal plants
- Standardization national level: DVGW and DIN
- Contribution to and monitoring of international and European regulations in ISO, CEN, ASTM
- Functional standardization of water abstraction European level: CEN/TC 451 WG 1 Water wells
- Materials in contact with drinking water

Target group

- Manufacturers of products
- Well construction companies
- Manufacturers and service providers in the infrastructure sector
- Group of persons: Managing director, product manager, technical manager or comparable

Focus of work

- Participation in functional standardization drinking water production national and European level
- Participation in product standardization national and European level
- Elaboration of tender and contract conditions
- Monitoring of the regulatory framework
- Elaboration of statements and working aids
- Monitoring and support of research projects

Network

DIN-DVGW-Gemeinschaftsfachbereich Wasser, CEN/TC 164 Water Supply, VDI Society Energy and Environment, ZDB Federal Expert Group Well Construction, Special Heavy Construction and Geotechnical Engineering, BGR, Federal Geothermal Energy Association, DVGW-LK2, DIN-NA119-07, BDEW, DWA, CEN TC 155, UBA, BMG, ASTM, ISO TC 5, CEN TC 74, CEN TC 203



Sector
Water Infrastructure

WG Well Construction &
Water Abstraction

WG Public Water
Distribution

Working group Well Construction & Water Abstraction

Sector Water Infrastructure



Chair Christoph Harms | GWE GmbH
Vice Chair André Arens | Hölscher Wasserbau GmbH
Technical Officer [Aharon Weiß](#) | figawa e.V.

Key topics

- Planning, construction, operation, regeneration, dismantling of wells and monitoring wells, geothermal plants

Focus of work

- Functional standardization of water abstraction national level:
NA 119-07-03 AA Water abstraction
- Functional standardization of water abstraction European level:
CEN/TC 451/WG 1 Water wells
- Product standardization national level:
NA 119-07-13-01 UA Components and products for drilling and well construction
- Tender and contract conditions:
DVA committees DIN-ATV 18301 „Drilling“ DIN-ATV 18327 & „Completion of geothermal and well drilling“
- Monitoring of the regulatory framework relevant to well construction (TrinkwV, WHG, KrWG, GeolDG etc.)

Target group

- Well construction companies
- Manufacturers of well construction materials
- Service companies of well construction
- Group of persons: Managing director, product manager, technical manager or comparable

Network

DIN-DVGW Joint Division Water, CEN/TC 164 Water Supply, VDI Society Energy and Environment, ZDB Federal Expert Group Well Construction, Special Heavy Construction and Geotechnical Engineering, BGR, Federal Geothermal Energy Association



Sector
Water Infrastructure

WG Well Construction &
Water Abstraction

WG Public Water
Distribution

Working group Public Water Distribution

Sector Water Infrastructure



Chair

Pietro Mariotti | Wavin B.V.

Technical Officer

[Michael Reinders](#) | figawa e.V.

Key topics

- Contribution to and monitoring of national regulation in the field of DVGW and DIN
- Contribution to and monitoring of European regulation in CEN TC 164, 155, a.o.
- Contribution to and monitoring of international and European regulations in ISO, CEN, ASTM
- Materials in contact with drinking water

Focus of work

- Elaboration of statements and working aids
- Monitoring, collaboration and support of national and European standardization
- Monitoring, collaboration, support and initiation of research projects

Target group

- Manufactures of products in the field of public water supply
- Services providers in the field of public water supply
- Group of persons: Managing director, product manager, technical manager or comparable

Network

DVGW-LK2, DIN-NA119-07, BDEW, DWA, CEN TC 155, UBA, BMG, ASTM, ISO TC 5, CEN TC 74, CEN TC 203



Sector
Water Infrastructure

WG Well Construction &
Water Abstraction

WG Public Water
Distribution

Sector Water Treatment



Chair Tatjana Röder | aquagroup AG
Vice Chair Christian Pantow | JUDO Wasseraufbereitung GmbH
Technical Officer [Aharon Weiß](#) | figawa e.V.

Key topics

- Standardization & technical rules
- Planning, construction & operation of drinking water and swimming pool water treatment plants
- Regulatory requirements at national and European level
- Knowledge transfer & exchange

Focus of work

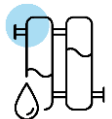
- Development of statements and guidance documents on regulatory requirements
- Accompanying national and European standardization
- Monitoring and processing of general developments in the sector
- Network management of the association

Target group

- Manufacturers of drinking water and swimming pool water treatment plants and their components
- Plant engineering and construction companies and service providers of drinking water treatment plants
- Plant engineering and construction companies and service providers of swimming pool water treatment plants
- Group of persons: Managing director, product manager, technical manager or comparable

Network

EU Commission, ECHA, CEN/TC 164 Water supply, CEN/TC 136 Sports, playground and other recreational facilities and equipment, DIN NA 112, DIN Standard Committee on Sports and Leisure Equipment (NASport), DIN-DVGW Joint Section Drinking Water, DGUV, German Association for public pools (DGfDB), German Swimming Pool & Wellness Association (bsw), German Sauna Association (DSB), International Academy for Bathing, Sports and Leisure Buildings e.V. (IAB), European Waterpark Association (EWA), DVGW Technology Centre Water, Advanced UV for Life



Sector Water
Treatment

WG Ozone

WG Swimming
Pool Water
Treatment

WG UV

CG UVC LED

WG Chlorine &
Chlorine
Compounds

WG Biocidal
Products

WG Membrane &
Filtration

CG POU Filters

WG Water
Conditioning

Working group Ozone

Sector Water Treatment



Chair
Technical Officer

Dr. Tim Pühmeier | Xylem Services GmbH
[Aharon Weiß](#) | figawa e.V.

Key topics

- Manufacturing and operation of ozone generators for drinking water and swimming pool water treatment

Focus of work

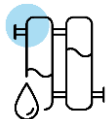
- Product standards on national level:
DIN NA 119-07-13 Chemicals and plants for water treatment
- Product standards on European level:
CEN/TC 164/WG 16 In-situ generating and dosing of biocides for water treatment
CEN/TC 164/WG 9 Chemicals and filtering media for water treatment
- DGVU Technical rule for the use of ozone in water treatment
- Product authorization following the Biocidal Products Regulation

Target group

- Manufacturers of ozone drinking water and swimming pool water treatment plants and their components
- Plant engineering and construction companies and service providers of ozone drinking water treatment plants
- Plant engineering and construction companies and service providers of ozone swimming pool water treatment plants
- Group of persons: Managing director, product manager, technical manager or comparable

Network

ECHA, CEN/TC 164 Water supply, DIN-DVGW Joint division drinking water, DGVU, DGfDB, EURO3ZON, EUOTA, IOA



Sector Water
Treatment

WG Ozone

WG Swimming
Pool Water
Treatment

WG UV

CG UVC LED

WG Chlorine &
Chlorine
Compounds

WG Biocidal
Products

WG Membrane &
Filtration

CG POU Filters

WG Water
Conditioning

Working group Swimming Pool Water Treatment

Sector Water Treatment



Chair Jürgen Elgg | Wassertechnik Wertheim GmbH & Co. KG
Vice Chair Thomas Beutel | Lutz-Jesco GmbH
Technical Officer [Aharon Weiß](#) | figawa e.V.

Key topics

- Planning, construction and operation of swimming pool water treatment plants

Target group

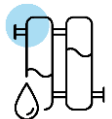
- Manufacturers of swimming pool water treatment plants and their components
- Plant engineering and construction companies and service providers of ozone swimming pool water treatment plants
- Group of persons: Managing director, product manager, technical manager or comparable

Network

ECHA, UBA, CEN/TC 164 Water supply, CEN/TC 136 Sports, playground and other recreational equipment, DIN NA 112 Standards Committee Sports Equipment, DIN-DVGW Joint division Drinking water, German Social Accident Insurance (DGUV), German society for bathing (DGfDB), Association Swimming pools & Wellness (bsw), German Sauna association (DSB), International Academy for Bathing, Sports and Leisure Buildings e.V. (IAB), European Waterpark Association (EWA)

Focus of work

- Functional standards national level:
DIN NA-119-04-13 Treatment of swimming pool water
- Product standards national level:
DIN NA 119-07-13 Chemicals and plants for water treatment
- Functional standards European level:
CEN/TC 136 Sports, playground and other recreational facilities and equipment
- Product standards European level:
CEN/TC 164/WG 16 In-situ generating and dosing of biocides for water treatment
- CEN/TC 164/WG 9 Chemicals and filtering media for water treatment
- Political activities with DGfDB
- Promotion measures for public pool construction



Sector Water
Treatment

WG Ozone

WG Swimming
Pool Water
Treatment

WG UV

CG UVC LED

WG Chlorine &
Chlorine
Compounds

WG Biocidal
Products

WG Membrane &
Filtration

CG POU Filters

WG Water
Conditioning

Working group UV

Sector Water Treatment



Chair

Georg Csontos | Evoqua Water Technologies GmbH

Technical Officer

[Aharon Weiß](#) | figawa e.V.

Key topics

- Manufacturing and operation of UV-plants, Standardization of low pressure and medium pressure lamps and LEDs, research projects

Focus of work

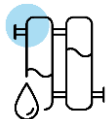
- Product standards national level:
DIN NA 119-07-15 Disinfection methods
- Functional standards national level:
DIN NA 119-07-16 AA Treatment of swimming pool water
DIN NA 119-07-15 Disinfection methods

Target group

- Manufacturers of UV drinking water and swimming pool water treatment plants and their components
- Plant engineering and construction companies and service providers of UV drinking water treatment plants
- Plant engineering and construction companies and service providers of UV swimming pool water treatment plants
- Group of persons: Managing director, product manager, technical manager or comparable

Network

DIN-DVGW Joint Division Water, German society for bathing (DGfdB), DVGW Water Technology Center, Advanced UV for Life e. V.



Sector Water
Treatment

WG Ozone

WG Swimming
Pool Water
Treatment

WG UV

CG UVC LED

WG Chlorine &
Chlorine
Compounds

WG Biocidal
Products

WG Membrane &
Filtration

CG POU Filters

WG Water
Conditioning

Coordination group UVC LED

Sector Water Treatment | Working group UV



Chair
Technical Officer

Daniel Santos Canelles | Crystal IS

[Aharon Weiß](#) | figawa e.V.

Key topic

- Establishment of an European product standard

Focus of work

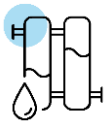
- Adaptation of the relevant European and national functional standardization
- Communication with regulatory authorities
- Preparation of product standard
- Preparation of national certification

Target group

- Manufacturers of UV LED (drinking) water treatment devices and components

Network

DIN-DVGW Joint Division Water, DVGW Water Technology Center, Advanced UV for Life e. V.



Sector Water
Treatment

WG Ozone

WG Swimming
Pool Water
Treatment

WG UV

CG UVC LED

WG Chlorine &
Chlorine
Compounds

WG Biocidal
Products

WG Membrane &
Filtration

CG POU Filters

WG Water
Conditioning

Working group Chlorine & Chlorine Compounds

Sector Water Treatment



Chair Thomas Beutel | Lutz-Jesco GmbH
Vice Chair Georg Csontos | Evoqua Water Technologies GmbH
Technical Officer [Aharon Weiß](#) | figawa e.V.

Key topics

- Planning, construction and operation of chlorinators and chlorine dioxide generators, normative and legal framework of the generation and use of chlorine and chlorine compounds for the disinfection of water and for the cleaning of watertechnical plants

Target group

- Manufacturers of drinking or swimming pool water treatment plants and their components
- Plant engineering and construction companies and service providers of drinking or swimming pool water treatment plants
- Group of persons: Managing director, product manager, technical manager or comparable

Focus of work

- Functional standards drinking water on national level:
DIN NA-119-07-15 Disinfection method
DVGW PK "Mechanical equipment in treatment plants"
- Functional standards swimming pool water on national level:
NA 119-07-16 AA Treatment of swimming pool water
- Product standards on national level:
DIN NA 119-07-13 Chemicals and plants for water treatment
- Product standards on European level:
CEN/TC 164/WG 16 In-situ generating and dosing of biocides for water treatment
CEN/TC 164/WG 9 Chemicals and filtering media for water treatment
- Regulatory framework (Biocidal Product Regulation, German Drinking Water Ordinance etc.)

Network

EU-Commission, ECHA, CEN/TC 164 Water supply, DIN-DVGW Joint Division Water, German Social Accident Insurance (DGUV), DVGW Water Technology Center



Sector Water
Treatment

WG Ozone

WG Swimming
Pool Water
Treatment

WG UV

CG UVC LED

WG Chlorine &
Chlorine
Compounds

WG Biocidal
Products

WG Membrane &
Filtration

CG POU Filters

WG Water
Conditioning

Working group Biocidal Products

Sector Water Treatment



Chair Tatjana Röder | aquagroup AG
Vice Chair Christian Pantow | JUDO Wasseraufbereitung GmbH
Technical Officer [Aharon Weiß](#) | figawa e.V.

Key topics

- Support and exchange on biocide regulatory approval processes for the in-situ generation of biocides
- Main steering committee for figawa activities in the field of biocidal product regulation like standardization and influencing the relevant regulatory framework
- Exchange platform for BPR consortia

Focus of work

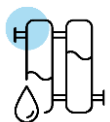
- Product standards on European level:
CEN/TC 164/WG 16 In-situ generating and dosing of biocides for water treatment
- Support & monitoring ECHA In-Situ Guidance
- Monitoring of CA-meetings, BPC and BPC Working groups
- Promotion of exchange between Active Substance approval and Product authorization Dossier holders

Target group

- Producers of biocidal products and manufacturers of in-situ generators of biocides
- Group of persons: Managing director, product manager, technical manager or comparable

Network

CEN/TC 164 Water supply, EU-Commission – DG Sante, ECHA, ISA Consortium, EURO3ZON, EUOTA, REACHMonitor (and other stakeholders)



Sector Water
Treatment

WG Ozone

WG Swimming
Pool Water
Treatment

WG UV

CG UVC LED

WG Chlorine &
Chlorine
Compounds

WG Biocidal
Products

WG Membrane &
Filtration

CG POU Filters

WG Water
Conditioning

Working group Membrane & Filtration

Sector Water Treatment



Chair Stephan Eichhorn | BRITA GmbH
Vice Chair Ralf Söcknick | Grünbeck Wasseraufbereitung GmbH
Technical Officer [Michael Reinders](#) | figawa e.V.

Key topics

- Membrane in water distribution and drinking water installation (Point of Use)
- Energy efficiency and drinking water hygiene (point of entry)
- Filtration – Processes for water treatment
- Use and application of membranes and filtration (healthcare sector, buildings)

Focus of work

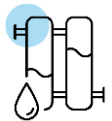
- Use and application of membranes and filtration
- Participation in the standardization of membranes and products with membranes
- Requirements for sterility
- Filter elements with pore size < 80 µm only for temporary use after EN 1717 and DIN 1988
- Tests of membranes

Target group

- Manufacturer of products in the field of membrane technology, filtration and their components
- Group of persons: Managing director, product manager, technical manager or comparable

Network

DGMT, DVGW LK2, DVGW CERT, UBA, DIN



Sector Water
Treatment

WG Ozone

WG Swimming
Pool Water
Treatment

WG UV

CG UVC LED

WG Chlorine &
Chlorine
Compounds

WG Biocidal
Products

WG Membrane &
Filtration

CG POU Filters

WG Water
Conditioning

Coordination group POU Filters

Sector Water Treatment | Working group Membrane & Filtration



Technical Officer

[Michael Reinders](#) | figawa e.V.

Key topics

- Membrane filters in drinking water installations
- Sterile filtration

Focus of work

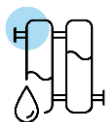
- Terminal sterile filtration — classification
- Retrograde contamination
- Requirements for sterility
- Tests of membranes
- Application drinking water and healthcare sector — infection protection and technical regulations

Target group

- Manufacturer of products in the field of membrane technology, filtration and their components
- Group of persons: Managing director, product manager, technical manager or comparable

Network

DGMT, DVGW-LK2, DVGW CERT, UBA, DIN



Sector Water
Treatment

WG Ozone

WG Swimming
Pool Water
Treatment

WG UV

CG UVC LED

WG Chlorine &
Chlorine
Compounds

WG Biocidal
Products

WG Membrane &
Filtration

CG POU Filters

WG Water
Conditioning

Working group Water Conditioning

Sector Water Treatment



Chair Ralf Söcknick | Grünbeck Wasseraufbereitung GmbH
Vice Chair Christian Pantow | JUDO Wasseraufbereitung GmbH
Technical Officer [Lars Neveling](#) | figawa e.V.

Key topics

- National and European technical and regulatory requirements for water conditioning devices

Focus of work

- Ecological consideration of water treatment measures
- Requirements for maintenance, replacement, cleaning and service work for water treatment plants
- Coordinated publication of scientific papers on water treatment issues

Target group

- Manufacturer of water conditioning devices
- Group of persons: Managing director, product manager, technical manager or similar

Network

DIN NA 119-07-12 AA, CEN TC 164 WG 13, DVGW CERT GmbH, TZW: DVGW-Technologiezentrum Wasser (German Water Centre), German Environment Agency (UBA)



Sector Water Treatment

WG Ozone

WG Swimming Pool Water Treatment

WG UV

CG UVC LED

WG Chlorine & Chlorine Compounds

WG Biocidal Products

WG Membrane & Filtration

CG POU Filters

WG Water Conditioning

Sector Water Metering & Sensoring



Chair

Ulrich Eff | Diehl Metering GmbH

Vice Chair

Dr. Heidrun Tippe | Endress + Hauser Group Services AG + Co. KG

Technical Officer

[Michael Reinders](#) | figawa e.V.

Key topics

- Digitalization in the field of analytics and measuring devices as well as other sensor technology regarding the medium water (drinking water, etc.)
- Smart solutions in water networks and drinking water installations
- Digital water meter management – legal requirements and practical implementation
- Communication technologies and data protection
- Materials in contact with drinking water
- Calibration law and legal requirements
- Smart Metering

Target group

- Manufacturer of products/devices and their components in the field of sensor technology, analytics and measuring devices
- Manufacturer and service provider of devices and products in the field of water metering (drinking water and heat quantities)
- Group of persons: Managing director, product manager, technical manager or similar

Focus of work

- Online detection of microbiological activities in water networks – focus on drinking water
- Development of a figawa Technical Note

Network

DVGW-LK2, DIN NA 119-01-03 AA – Water analysis (CEN/TC 230, ISO/TC 147), IWW; TZW, UBA, PTB-Abt. 1.5/Abt. 7.5 and Abt. 9, DVGW – LK3, DIN – 119-07, OMS – Group, AQUA Metering, AQUA Europa, VDDW



Sector Water Metering &
Sensing

WG Smart Sensing
Technologies

TC Water & Thermal
Energy Measurement

Working group Smart Sensing Technologies

Sector Water Metering & Sensing



Chair Georg Csontos | Evoqua Water Technologies GmbH
Vice Chair Achim Gahr | Endress + Hauser Conducta GmbH + Co. KG
Technical Officer [Michael Reinders](#) | figawa e.V.

Key topics

- Digitization in the field of analytics and measuring devices as well as other sensor technology regarding the medium water (drinking water, etc.)
- Smart solutions in water networks and drinking water installations
- Data analysis, monitoring and use – intelligent systems
- Utilization potential and application areas of technologies (approach that is open to technology), connection water meters
- Focus Drinking water – with a view to a link (e. g. EU DWD) to climate protection

Target group

- Manufacturer of products/devices and their components in the field of sensor technology, analytics and measuring devices
- Group of persons: Managing director, product manager, technical manager or similar

Focus of work

- Online detection of microbiological activities in water networks – focus on drinking water
- Development of a figawa Technical Note

Network

DVGW LK2, DIN NA 119-01-03 AA – Water analysis (CEN TC 230, ISO TC 147), IWW, TZW, UBA



Sector Water Metering & Sensing

WG Smart Sensing Technologies

TC Water & Thermal Energy Measurement

Technical committee Water & Thermal Energy Measurement

Sector Water Metering & Sensoring



Chair N.N.

Vice Chair N.N.

Technical Officers [Michael Reinders](#) | figawa e.V. / [Carina Janich](#) | VDDW e.V.

in cooperation with



Key topics

- Further development of the European and international standardization of water and thermal energy meters in the committees:
ISO/TC 30 Measurement of fluid flow in closed conduits
CEN /TC 92, Water meters, CEN/TC 176 Heat meters, CEN/TC 294
Communication systems for meters
DIN NA 119-07-08 AA Water measurement
DVGW committees (LK 3, TK, PK)
- Monitoring of the technical and regulatory framework in the following areas:
AGME Working Group on Metrology and Verification
PTB Dept. 1.5 / Dept. 7.5 and Dept. 9
European directives and standardization
SMGW Smartmeter Gateway
OMS – Group
WELMEC European legal metrology
OIML International Organization Legal Metrology

Focus of work

- Determination within the framework of the constituent meeting on July 5, 2023

Network

PTB, ISO, CEN, DIN NAW, OMS-Group, AQUA Metering, AQUA Europa, AGME, WELMEC, BMWK, BSI, DVGW

Target group

- Manufacturer of water and thermal energy meters (communication equipment) in the field of water and thermal energy measurement.
- Group of persons : Technical experts



Sector Water Metering & Sensoring

WG Smart Sensing Technologies

TC Water & Thermal Energy Measurement

Sector Drinking Water Installation



Chair Tino Reinhard | Geberit RLS Beteiligungs GmbH
Vice Chair Ulrich Petzolt | Gebr. Kemper GmbH + Co. KG
Technical Officer [Lars Neveling](#) | figawa e.V.

Key topics

- Regulatory requirements for materials and products in contact with drinking water (European and national)
- Technical standardization European and national
- Planning, construction & operation of drinking water installations
- Expert training (design of training programs)
- Hygienic requirements in drinking water installations

Focus of work

- Coordination of the results of the working groups
- Representation of positions in sector coordination groups

Target group

- Product manufacturer
- Laboratory service providers
- Technical experts
- Group of persons: Management, product management, R&D management, standardization management, Expert Training or comparable

Network

DIN NA 119-07-07 AA, CEN TC 164, DVGW W LK-3, W TK-3-7, W PKs, TZW: DVGW-Technologiezentrum Wasser (German Water Centre), IWW, VDI, IHPH, BTGA, ZVSHK, German Environment Agency (UBA), ECHA, EU-Commission, European Drinking Water Initiative, Aqua Europa,



Sector Drinking Water
Installation

CG Expert Training

WG Hygiene &
Application Technology

WG Water Analysis

WG Material & Product
Requirements

CG Elastomers

CG Nickel
Reference test

Coordination group Expert Training

Sector Drinking Water Installation



Chair Heinz Rötlich | Judo Wasseraufbereitung GmbH
Vice Chair Christian Zehetgruber | Grünbeck Wasseraufbereitung GmbH
Technical Officer [Lars Neveling](#) | figawa e.V.

Key topics

- Development of new training formats
- Improvement of existing training formats
- Ongoing adaptation of training content to regulatory and technical developments

Focus of work

- Training initiative „Fit für Trinkwasser“

Target group

- Product manufacturer
- Laboratory service providers
- Technical experts
- Group of persons: Management, product management, R&D management, Technical standardization management, Training or comparable

Network

DIN, DVGW, BTGA, ZVSHK, GEFMA



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Working group Hygiene & Application Technology

Sector Drinking Water Installation



Chair Ottmar Lunemann | REHAU Industries SE & Co. KG
Vice Chair Ulrich Petzolt | Gebr. Kemper GmbH + Co. KG
Technical Officer [Lars Neveling](#) | figawa e.V.

Key topics

- Consolidation of the national technical regulations with regard to hygienically relevant requirements for the planning, construction and operation of drinking water installations
- Representation of the industry view on hygienically relevant aspects in drinking water installations
- Promotion of the practical implementation of scientific findings

Focus of work

- Compiling an overview of the hygienically relevant requirements of the existing technical regulations from an industry perspective in coordination with other associations and stakeholders
- Promoting the inclusion of findings on biofilm management in drinking water installations in the technical regulations
- Drafting of a commentary on CEN/TR 17801:2022 Guidelines for water safety plan concept in buildings

Target group

- Product manufacturer
- Laboratory service providers
- Technical experts
- Group of persons: Management, product management, R&D management, Technical standardization management, Expert Training or comparable

Network

DIN, DVGW, BTGA, ZVSHK, GEFMA DIN, DVGW, BTGA, ZVSHK, GEFMA



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CG Nickel
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Working group Water Analysis

Sector Drinking Water Installation



Chair

Marcus Pikarek | WATERcontrol AG

Technical Officer

[Lars Neveling](#) | figawa e.V.

Key topics

- Regulatory requirements national
- Hygienic requirements for drinking water
- Requirements for sampling
- Microbiological parameters in drinking water
- Chemical requirements in drinking water

Focus of work

- Technical guidance on legionella and heavy metals
- Development of a position on microplastics

Target group

- Drinking water laboratories
- Technical experts
- Sampling service providers
- Product manufacturers
- Group of persons: Management, Laboratory management, Expert Training, Research and development or comparable

Network

DIN, DVGW TK 3.7, IHPH, IWW, German Environment Agency (UBA), TZW, VDI



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Working group Material & Product Requirements

Sector Drinking Water Installation



Chair Sven Kagerer | Uponor GmbH
Vice Chair N.N.
Technical Officer [Lars Neveling](#) | figawa e.V.

Key topics

- Testing requirements for materials and products
- Regulatory requirements national and European for metallic, organic and ceramic materials
- Product conformity assessment requirements on national and European level
- Link to the European Drinking Water (EDW) industry initiative

Target group

- Product manufacturers
- Laboratory service providers
- Technical experts
- Group of persons: Management, R&D management, Standardization management, Training or comparable

Focus of work

- Communication between the German Environment Agency and industry on the implementation of national requirements and the clarification of open issues
- Formation and representation of the industry position with regard to the implementation of Article 11 of the EU Drinking Water Directive
- Formation and representation of the industry position vis-à-vis certification bodies
- Support in the development of documents for the implementation of Article 11 of the EU Drinking Water Directive

Network

DIN NA119-07-07, DIN 119-07-09, DIN 119-07-11, CEN/TC 155/WG 31, CEN/TC 164/WG 2, CEN/TC 164/WG 3, DVGW-W-LK 3, W-TK-3-7 and W-TK-3-4, German Environment Agency (UBA), ECHA, EU commission



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WG Water Analysis

WG Material & Product
Requirements

CG Elastomers

CG Nickel
Reference test

Coordination group Elastomers

Sector Drinking Water Installation



Chair Tino Reinhard | Geberit RLS Beteiligungs GmbH
Vice Chair Stefanie Facklam | WILO SE
Technical Officer [Lars Neveling](#) | figawa e.V.

Key topics

- National and European regulatory requirements for elastomers and thermoplastic elastomers

Focus of work

- Coordination and exchange of information between manufacturers of elastomers and thermoplastic elastomers for the implementation of the KTW-BWGL
- Shaping the European conformity assessment procedure for the hygienic requirements for elastomers and thermoplastic elastomers

Target group

- Product manufacturers
- Experts
- Group of persons: Management, Product management, R&D management, Standardization management

Network

wdk, German Environment Agency (UBA), ECHA, EU Commission



May 2023

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CG Nickel
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Coordination group Nickel Reference Test

Sector Drinking Water Installation



Technical Officer

[Lars Neveling](#) | figawa e.V.

Key topics

- Regulatory requirements at national and European level

Focus of work

- Development of an approach for the assessment of nickel release from products in contact with drinking water

Target group

- Product manufacturers
- Experts
- Group of persons: Management, Product management, R&D management, Standardization management

Network

NA 003-02-02 AA, German Environment Agency (UBA)



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