



# Committee work at figawa

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The member companies of figawa in the areas of Gas, Liquid Fuels, and Water commit themselves to the competition-based economic order. This includes, on the one hand, the use of existing leeways and, on the other hand, compliance with antitrust and business ethical requirements.

## **Article 101(1) of the Treaty on the Functioning of the European Union (TFEU) states:**

All agreements between undertakings, decisions by associations of undertakings and concerted practices shall be prohibited as incompatible with the internal market, which may affect trade between Member States and which have as their object or effect the prevention, restriction or distortion of competition within the internal market, and in particular

- a) directly or indirectly fixing purchase or selling prices or any other trading conditions;
- b) limiting or controlling production, markets, technical development or investment;
- c) the division of markets or sources of supply;

d) applying dissimilar conditions to equivalent transactions with other trading parties, thereby placing them at a competitive disadvantage;

e) making the conclusion of contracts subject to acceptance by the other parties of supplementary obligations which, by their nature or according to commercial usage, have no connection with the subject of such contracts.”

## **§ Section 1 of the Act Against Restraints of Competition (Gesetz Gegen Wettbewerbsbeschränkung – GWB) states:**

Agreements between undertakings, decisions by associations of undertakings, and concerted practices that aim to prevent, restrict, or distort competition are prohibited.

# Compliance

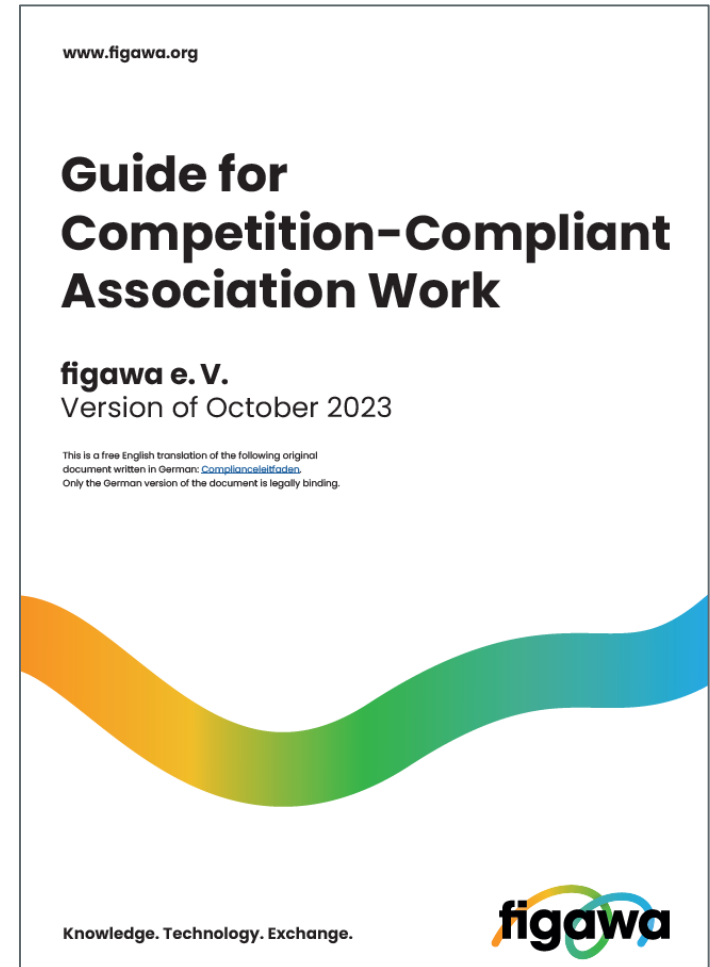


## Organization of committee meetings

Meetings of the association's committees, specialized groups and working groups are convened by the responsible full-time association employees in coordination with the respective chairpersons appointed in accordance with the articles of association. They shall ensure that the agendas of the invitations to the meetings do not contain any aspects that could give rise to competition law concerns.

The meeting must be minuted by the chairperson. The minutes must be correct and complete, they must reflect all resolutions passed. They must not contain any ambiguous wording or wording that could be considered unlawful under competition law

The prerequisite for participation in our committee meetings is full recognition of the compliance guidelines and the obligation to act 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

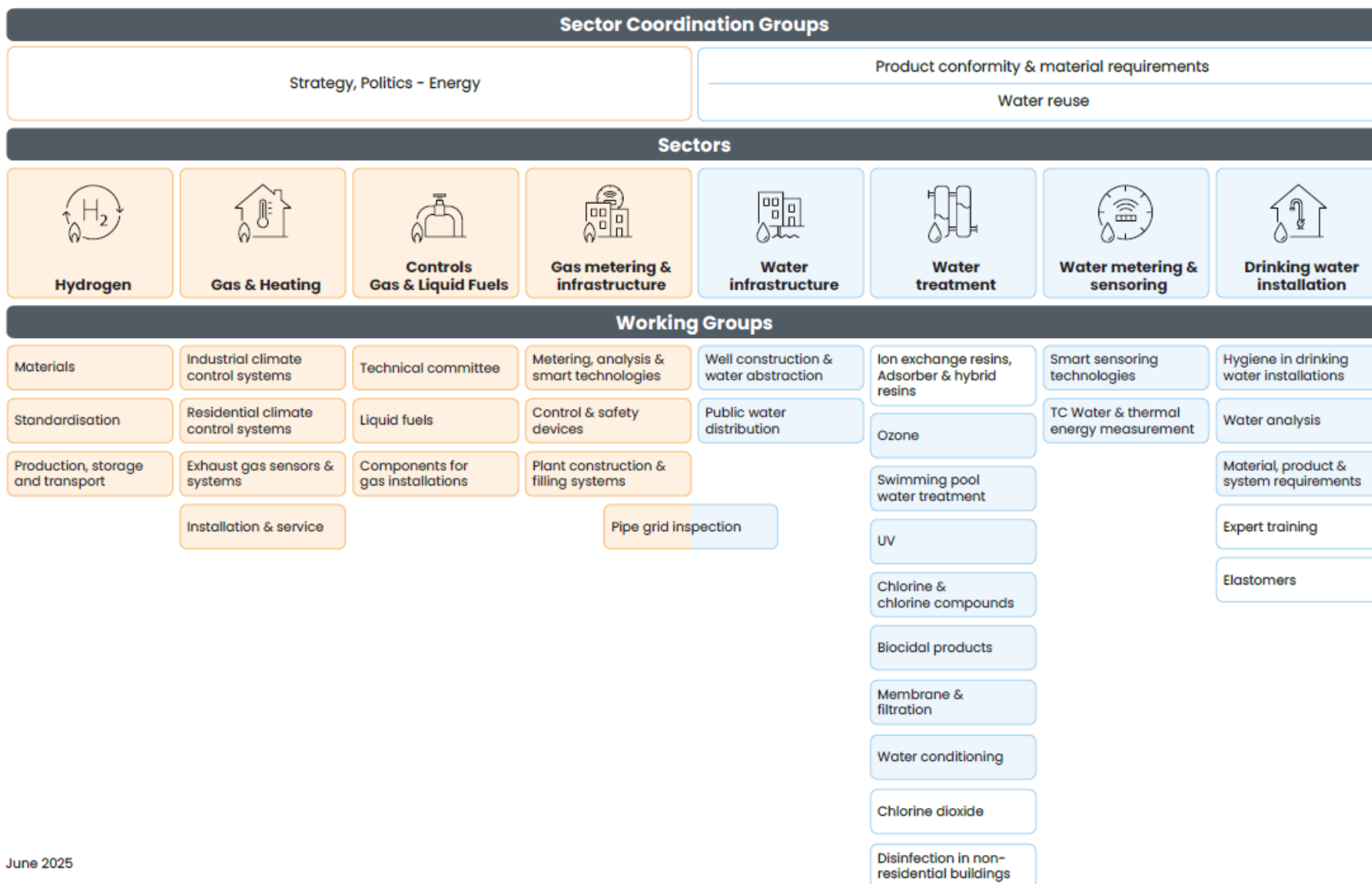
The technical work can be carried out in a supportive manner by coordination groups.

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 Strategy, Politics – Energy

Intersectoral coordination group



**Chair** N.N.  
**Vice Chair** N.N.  
**Technical Officer** [Christoph Schreckenberg](#) | figawa e.V.

## Key topics

- National and European legal frameworks for energy policy and product requirements
- National and European climate policy
- energy transition with hydrogen / renewable molecules incl. liquid fuels in application technologies (incl. heating market)
- Communication internally and externally (National and European)
- Acting towards politics, associations, etc.

## 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

## Focus of work

- Information on future and ongoing political and legal framework conditions
- Positioning on political decision-making processes at national and EU level (energy policy and product requirements)
- Development of communication strategies on political and regulatory topics for the public/politicians/industry/regulators
- Drafting of statements/publications
- Maintaining contacts / representing interests towards policymakers and relevant authorities
- Participation in events of the network
- Elaboration of statements/publications
- Promotion of strategic alliances
- Participation in network events
- Planning and implementation of internal and external technical events (online/present)

## Network

DG ENER, DG GROW, BMW, BMUKN, BDI, BDH, BDEW, ZVSHK, BTGA, RBV, GWI; Die Gas- und Wasserstoffwirtschaft, DWV, DVGW, DVGW CERT, en2x; KIWA;

CG Strategy, Politics – Energy

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 Strategy, Politics – Energy

CG Product Conformity & Material  
Requirements

CG Water Reuse

# Coordination group Water Reuse

Intersectoral coordination group



## Chair

Pietro Mariotti | WAVIN B.V.

## 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

- Elaboration of substitution potentials for drinking water uses along the water value chain, e.g. potential use of process water in buildings

## Target group

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

## Network

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

CG Strategy, Politics – Energy

CG Product Conformity & Material  
Requirements

CG Water Reuse

# Sector Hydrogen



**Chair** Tobias Böhm | Schwank GmbH  
**Vice Chair** Sabine Pintaske | Siemens AG  
**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 H<sub>2</sub> value chain
- Group of persons: General manager, product manager, technical manager, or similar

## Focus of work

- Materials with regard to their compatibility with H<sub>2</sub> and H<sub>2</sub> 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<sub>2</sub>/CH<sub>4</sub> mixtures and 100% H<sub>2</sub>
- 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<sub>2</sub>
- 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** Tobias Böhm | Schwank GmbH  
**Vice Chair** N.N.  
**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 H<sub>2</sub> 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 H<sub>2</sub> 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** N.N.  
**Technical Officer** [Harald Petermann](#) | figawa e.V.

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## 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**

N.N.

**Technical Officers**

[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

Jürgen Schwalme | ebm-papst Landshut GmbH

## Vice Chair

Thomas Lampe | Karl Dungs GmbH & Co. KG

## 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 CO<sub>2</sub>-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
- H<sub>2</sub> suitability / H<sub>2</sub> readiness / H<sub>2</sub> 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** Martin Hoh | Dresser Utility Solutions GmbH  
**Vice Chair** Jörg Schönbach | 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 Christiani | MEDENUS GmbH  
**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

Florian Hupka | 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

## 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

## Target group

- Planners, plant constructors and MSR plant constructors of gas pressure control 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 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

Sascha Barkowsky | Wilhelm Ewe GmbH & Co. KG

## Vice Chair

Markus Geidel | VONROLL hydro (deutschland) 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

Sascha Barkowsky | Wilhelm Ewe GmbH & Co. KG

## Vice Chair

Markus Geidel | VONROLL hydro (deutschland) gmbh & co kg

## 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
- Support for a research project on the evaluation of adhesion promoters

## 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

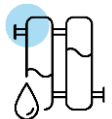
- Development of statements and guidance documents on regulatory requirements
- Accompanying national and European standardization
- Monitoring and processing of general developments in the sector
- Network management of the association

## 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

CG "Resins"

WG Ozone

WG Swimming Pool Water Treatment

WG UV

WG Chlorine & Chlorine Compounds  
CG Disinfection in non-residential buildings  
CG Chlorine dioxide

WG Biocidal Products

WG Membrane & Filtration

WG Water Conditioning



# Coordination group ion exchange resins, adsorber and hybrid resins ('resins')

Sector Water Treatment



**Chair** Maximilian Kling | Grünbeck AG  
**Vice Chair** Dr. Stephan Eichhorn | BRITA SE  
**Technical Officer** [Lars Neveling](#) / [Aharon Weiß](#) | figawa e.V.

## Key topic

- Organising regulatory requirements, national and European
- Establishment of accompanying standardisation
- Expansion of areas of application

## Focus of work

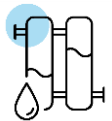
- Adaptation of the relevant European and national functional standardization
- Communication with regulatory authorities
- Preparation of product standards
- Preparation of national certification

## Target group

- Manufacturing companies of resins, water treatment devices and components
- Group of persons: Management, product management, technical management or similar

## Network

DIN-DVGW Joint Section Water, DIN Standardisation Committee Materials Testing, DVGW Technology Centre Water (TZW), CEN/ TC 164, SOIA (Synthetic Organic Ion Exchangers and Adsorbents, Cefic), European Commission, ECHA, German Federal Environment Agency



Sector Water Treatment

CG "Resins"

WG Ozone

WG Swimming Pool Water Treatment

WG UV

WG Chlorine & Chlorine Compounds

CG Disinfection in non-residential buildings

CG Chlorine dioxide

WG Biocidal Products

WG Membrane & Filtration

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

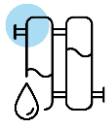
- Product standards on national level:  
DIN NA 119-07-13 Chemicals and plants for water treatment
- Product standards on European level:  
CEN/TC 164/WG 16 In-situ generating and dosing of biocides for water treatment  
CEN/TC 164/WG 9 Chemicals and filtering media for water treatment
- DGUV Technical 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, DGUV, DGfDB, EURO3ZON, EUOTA, IOA



Sector Water  
Treatment

CG "Resins"

WG Ozone

WG Swimming  
Pool Water  
Treatment

WG UV

WG Chlorine &  
Chlorine  
Compounds  
CG Disinfection  
in non-  
residential  
buildings  
CG Chlorine  
dioxide

WG Biocidal  
Products

WG Membrane &  
Filtration

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

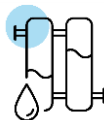
- Manufacturers of swimming pool water treatment plants and their components
- Plant engineering and construction companies and service providers of ozone swimming pool water treatment plants
- Group of persons: Managing director, product manager, technical manager or comparable

### 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

CG "Resins"

WG Ozone

WG Swimming Pool Water Treatment

WG UV

WG Chlorine & Chlorine Compounds

CG Disinfection in non-residential buildings

CG Chlorine dioxide

WG Biocidal Products

WG Membrane & Filtration

WG Water Conditioning

# Working group UV

## Sector Water Treatment



**Chair** Georg Csontos | Evoqua Water Technologies GmbH  
**Vice Chair** Jörn Lohmann | HYTECON Entwicklung und Produktion 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
- Establishment of European product standards for UV LEDs

### Focus of work

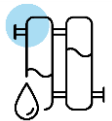
- Product standards national level:  
DIN NA 119-07-15 Disinfection methods
- Functional standards national level:  
DIN NA 119-07-16 AA Treatment of swimming pool water  
DIN NA 119-07-15 Disinfection methods
- Product standards national level:  
CEN/TC 164/WG 13
- Water treatment devices in buildings RoHS exemption rules 4(a)(I) and 4(f)-IV

### 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. Lighting Europe, Various industry certifiers.



Sector Water Treatment

CG "Resins"

WG Ozone

WG Swimming Pool Water Treatment

WG UV

CG UVC LED

WG Chlorine & Chlorine Compounds

CG Disinfection in non-residential buildings

CG Chlorine dioxide

WG Biocidal Products

WG Membrane & Filtration

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

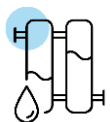
- Manufacturers of drinking or swimming pool water treatment plants and their components
- Plant engineering and construction companies and service providers of drinking or swimming pool water treatment plants
- Group of persons: Managing director, product manager, technical manager or comparable

## 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

CG "Resins"

WG Ozone

WG Swimming Pool Water Treatment

WG UV

WG Chlorine & Chlorine Compounds

CG Disinfection in non-residential buildings

CG Chlorine dioxide

WG Biocidal Products

WG Membrane & Filtration

WG Water Conditioning

# Coordination group Disinfection in non-residential buildings

Sector Water Treatment | Working group Chlorine & Chlorine Compounds



**Chair** Dr. Helmut Uhlmann | a.p.f. Aqua System AG  
**Vice Chair** Dr. Stephanie Holz | Dr. Kücke GmbH  
**Technical Officer** [Aharon Weiß](#) | figawa e.V.

## Key topic

- Planning and implementation of disinfection measures for microbiologically conspicuous drinking water systems

## Focus of work

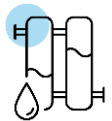
- Functional standardization drinking water national: DIN NA 119-07-15 Disinfection process
- DVGW PK W-TK-3-4 "Internal corrosion and technical safety"
- Regulatory framework (Biocide Ordinance, Drinking Water Ordinance incl. § 20 list, etc.)
- Exchange with health authorities and regulators

## Target group

- Companies manufacturing drinking water treatment plants
- Plant construction companies and service companies of drinking water treatment plants
- Function in the company: Management, product management, technical management or similar

## Network

Federal Ministry of Health, Federal Environment Agency, health authorities, DIN DVGW Joint Technical Division Water



Sector Water Treatment

CG "Resins"

WG Ozone

WG Swimming Pool Water Treatment

WG UV

WG Chlorine & Chlorine Compounds  
CG Disinfection in non-residential buildings

CG Chlorine dioxide

WG Biocidal Products

WG Membrane & Filtration

WG Water Conditioning

# Coordination group Chlorine dioxide

Sector Water Treatment | Working group Chlorine & Chlorine Compounds



**Chair**

N.N. | N.N.

**Technical Officer**

[Aharon Weiß](#) | figawa e.V.

## Key topic

- Product authorisation following Biocidal Products Regulation

## Focus of work

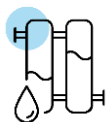
- Product standards on European level: CEN/TC 164/WG 16 In-situ generating and dosing of biocides for water treatment
- Support and monitoring of ECHA In-situ guidance
- Monitoring of CA-meetings, BPC and BPC Working groups
- Cooperation with dossier holders in the context of BPR

## Target group

- Manufacturers of Chlorine dioxide products or in-situ chlorine dioxide generators for drinking water treatment plants and their components
- Plant engineering and construction companies and service providers for drinking water treatment plants

## Network

CEN/TC 164 Water supply, EU-Commission, ECHA, dossier holders in the context of the BPR



Sector Water  
Treatment

CG "Resins"

WG Ozone

WG Swimming  
Pool Water  
Treatment

WG UV

WG Chlorine &  
Chlorine  
Compounds

CG Disinfection  
in non-  
residential  
buildings

CG Chlorine  
dioxide

WG Biocidal  
Products

WG Membrane &  
Filtration

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

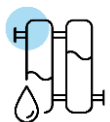
- Product standards on European level:  
CEN/TC 164/WG 16 In-situ generating and dosing of biocides for water treatment
- Support & monitoring ECHA In-Situ Guidance
- Monitoring of CA-meetings, BPC and BPC Working groups
- Promotion of exchange between Active Substance approval and Product authorization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

CG "Resins"

WG Ozone

WG Swimming  
Pool Water  
Treatment

WG UV

WG Chlorine &  
Chlorine  
Compounds

CG Disinfection  
in non-  
residential  
buildings

CG Chlorine  
dioxide

WG Biocidal  
Products

WG Membrane &  
Filtration

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

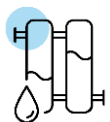
- Use and application of membranes and filtration
- Participation in the standardization of membranes and products with membranes
- Requirements for sterility
- Filter elements with pore size < 80 µm only for temporary use after EN 1717 and DIN 1988
- Tests of membranes

## 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

CG "Resins"

WG Ozone

WG Swimming Pool Water Treatment

WG UV

WG Chlorine & Chlorine Compounds

CG Disinfection in non-residential buildings

CG Chlorine dioxide

WG Biocidal Products

WG Membrane & Filtration

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

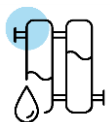
- Ecological consideration of water treatment measures
- Requirements for maintenance, replacement, cleaning and service work for water treatment plants
- Coordinated publication of scientific papers on water treatment issues

## 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

CG "Resins"

WG Ozone

WG Swimming Pool Water Treatment

WG UV

WG Chlorine & Chlorine Compounds

CG Disinfection in non-residential buildings

CG Chlorine dioxide

WG Biocidal Products

WG Membrane & Filtration

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

- Work priorities from the National Water Strategy and DVGW-DWA roadmap for implementing the strategy
- Monitoring systems in buildings, e.g. on the topics of increased temperatures in cold water or membranes in the hot water circuit (energy efficiency)
- Potentials of online monitoring and online detection of microbiological activities in drinking water distribution and transportation as well as possible application solutions

### 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 waterP
- Potential of online monitoring in drinking water distribution and transportation as well as possible application solutions
- Monitoring systems in buildings, e.g. on the subject of increased temperatures in cold water or membranes in the hot water circuit (energy efficiency)

## 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** Thomas Pühler | E. Wehrle GmbH  
**Vice Chair** Wolfgang Klassen | Sensus GmbH Ludwigshafen  
**Technical Officer** [Michael Reinders](#) | figawa 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

- Preparation of statements and working aids on regulatory requirements
- Supporting national and European standardization
- Monitoring and processing general developments in the industry
- Maintaining the association network

## 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, Drinking Water Expert Group



Sector Drinking Water  
Installation

CG Expert Training

WG Hygiene &  
Application Technology

WG Water Analysis

WG Material & Product  
Requirements

CG Elastomers

# Coordination group Expert Training

Sector Drinking Water Installation



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

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## 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



Sector Drinking Water  
Installation

CG Expert Training

WG Hygiene &  
Application Technology

WG Water Analysis

WG Material & Product  
Requirements

CG Elastomers

# Working group Hygiene & Application Technology

Sector Drinking Water Installation



**Chair** Ulrich Petzolt | Gebr. Kemper GmbH + Co. KG  
**Vice Chair** Ottmar Lunemann | REHAU Industries SE & 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



Sector Drinking Water  
Installation

CG Expert Training

WG Hygiene &  
Application Technology

WG Water Analysis

WG Material & Product  
Requirements

CG Elastomers



# 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



Sector Drinking Water  
Installation

CG Expert Training

WG Hygiene &  
Application Technology

WG Water Analysis

WG Material & Product  
Requirements

CG Elastomers

# Working group Material & Product Requirements

Sector Drinking Water Installation



**Chair**

Sven Kagerer | Uponor GmbH

**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



Sector Drinking Water  
Installation

CG Expert Training

WG Hygiene &  
Application Technology

WG Water Analysis

WG Material & Product  
Requirements

CG Elastomers

# 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



Sector Drinking Water  
Installation

CG Expert Training

WG Hygiene &  
Application Technology

WG Water Analysis

WG Material & Product  
Requirements

CG Elastomers



## **Info-Booklet | June 2025 | V6.0**

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