

ONLY  
**WATER**

BUT **EVERYTHING** ABOUT WATER

— CONGRESS PROGRAM —



**WASSER BERLIN  
INTERNATIONAL**

Trade Fair and Congress  
for Water Management

28–31 March 2017

**CONGRESS AT  
NO EXTRA CHARGE!**

 **Messe Berlin**

As the heart of WASSER BERLIN INTERNATIONAL, the congress connects the products and systems on display with political and administrative demands. This is where guest speakers from science and industry – universities, water management associations and companies from throughout Germany and neighboring countries – discuss current water-related issues and developments.

Not only the water sector is facing the challenge of adapting to constantly changing requirements and standards. Industry, agriculture and other water-related sectors are also affected. The answer lies in developing innovative and sustainable solutions – a key part of the WASSER BERLIN INTERNATIONAL Congress agenda.

Technological answers alone are not enough – we need to think about the framework conditions as well. What should we be doing to meet the many new technical and political challenges? **“Recycling and resource efficiency”** are key concepts at the heart of the EU environmental strategy and call for special measures. Please join us as we investigate the future of the German water industry.

# TIMETABLE: WASSER BERLIN INTERNATIONAL CONGRESS

|                   |  |   |  |
|-------------------|--|---|--|
| TUE<br>28.03.2017 | 10:00<br>OPENING<br>Marshall-Haus  | 14:00 – 16:40<br>KEYNOTE SESSION: SHAPING THE FUTURE OF WATER – SUSTAINABLE – INTERCONNECTED – INNOVATIVE |  |
| WED<br>29.03.2017 | 9:30 – 12:30<br>DRINKING WATER SUPPLY – PRECAUTION BEATS AFTERCARE                     | 14:00 – 16:40<br>WASTEWATER MANAGEMENT – INNOVATIVE AND SUSTAINABLE WAYS TO OVERCOME TODAY'S CHALLENGES   |  |
|                   | 9:30 – 17:30<br>FLOOD MANAGEMENT SYMPOSIUM<br>Hall 4.2                                 |   |  |
| THU<br>30.03.2017 | 9:30 – 14:00<br>BLUE PLANET<br>Hall 4.2  | 10:00 – 12:40<br>UNLOCK NEW DEVELOPMENTS FOR HOLISTIC WATER MANAGEMENT                                    | 14:00 – 17:10<br>INNOVATION DRIVES PRACTICE – PRACTICE DRIVES INNOVATION |
| FRI<br>31.03.2017 | 10:00 – 12:40<br>UNTAPPED OPPORTUNITIES – PROFESSIONAL DEVELOPMENT IN THE WATER SECTOR |   |  |

The opening session on the afternoon of the first day is dedicated to the **2030 Agenda for Sustainable Development** adopted at the UN Summit last year. It will focus on the **sixth water goal** of the 17 goals adopted by the UN: ensuring availability and sustainable management of water and sanitation for all.

**Water Management 4.0** is part of the increasing digitalization and networking within the industry, with accelerated innovation processes bringing a new dynamic to economic development. In the water sector, this means new options for networking and increasing efficiency that need to be harnessed for practical applications. The water sector is not starting from scratch here and has already established important conditions for this process.

It has become increasingly clear in recent years that legal regulations not only offer solutions, but also lead to inconsistencies due to insufficient coordination between regulations in different areas. A practice-oriented highlight in the keynote block focuses on this issue by examining how the many different and diffuse legal and administrative regulations could be made more coherent in order to eliminate inconsistencies.

## TOPIC KEYNOTE SESSION: SHAPING THE FUTURE OF WATER – SUSTAINABLE – INTERCONNECTED – INNOVATIVE

Moderator Dr. Helge Wendenburg, Ministerial Director, Federal Ministry for the Environment, Nature Conservation, Building and Nuclear Safety (BMUB), Bonn, Berlin

14:00 – 16:10

### 14:10 – 14:30 AGENDA 2030 – SUSTAINABLE DEVELOPMENT GOAL: WATER – A CHALLENGE FOR GERMANY AS WELL?

Dr. Falk Schmidt, Institute for Advanced Sustainability Studies (IASS), Potsdam

### 14:30 – 14:50 THE FUTURE OF WATER MANAGEMENT – WATER MANAGEMENT OF THE FUTURE

Dr.-Ing. Michael Beckereit, HAMBURG WASSER, Vice President of the Verband Kommunalen Unternehmen e. V. VKU (public utilities association)

### 14:50 – 15:10 DOES A RECYCLING AND RESOURCE PERSPECTIVE CHANGE WATER MANAGEMENT?

Prof. Dr.-Ing. Martin Faulstich, CUTEC Institute, Clausthal University of Technology, former chair of the German Advisory Council on the Environment (SRU)

### 15:10 – 15:30 WATER MANAGEMENT 4.0 – WHERE DO WE STAND?

Dr. Emanuel Grün, Emschergenossenschaft/Lippeverband (Emscher and Lippe river basin management associations), Essen

### 15:30 – 15:50 WATER PROTECTION UNDER PRESSURE ...?

Gunda Röstel, Stadtentwässerung Dresden GmbH, German Association of Energy and Water Industries (BDEW) – Chair of the Economic Committee

### 15:50 – 16:10 THE GERMAN FEDERAL GOVERNMENT'S MICROPOLLUTANT STRATEGY

Dr. Jörg Wagner, Ministerial Director, Federal Ministry for the Environment, Nature Conservation, Building and Nuclear Safety (BMUB), Bonn

Questions and discussion

# DRINKING WATER SUPPLY – PRECAUTION BEATS AFTERCARE

The **excellent quality of our drinking water** is regarded by our citizens as an everyday fact of life. Water utilities do everything they can to maintain this level of quality. But supplying safe drinking water requires a lot of preliminary work. Intensive cultivating, the widespread use of fertilizers and pesticides, and factory farming have a massive impact on the environment, which poses a growing threat to our drinking water resources – a key focus in this block. **Denmark** serves as an **important model** here, because the country has shown how the adverse environmental effects of intensive agriculture can be reduced.

Greater importance will be placed on the **dialogue between the water management and agricultural sectors** in the future. So it makes good sense to look at the actual results of this dialogue process.

Nitrate pollution, pesticides and pharmaceuticals present a growing challenge for drinking water supplies and have a close correlation to preventative measures. This raises the question of how those responsible can introduce effective measures to strengthen the idea of prevention. EU regulations and the national action plan play an important role, but their actual real-world impact needs to be investigated.

The session closes with a look at the risk-based approach and its consequences for drainage basin protection and water treatment.

## TOPIC DRINKING WATER SUPPLY – PRECAUTION BEATS AFTERCARE

Moderator

Prof. Dr.-Ing. Holger Schüttrumpf, President of the German Association of Water Management, Waste Management and Land Improvement Engineers (BWK), Aachen

9:30 – 12:00

### 09:40 – 10:00 NUTRIENT MANAGEMENT AND WATER PROTECTION: THE DANISH APPROACH

Dr. Wibke Christel, Danish Environmental Protection Agency, Ministry of Environment and Food of Denmark, Copenhagen

### 10:00 – 10:20 NITRATE POLLUTION IN UNTREATED WATER – ALTERNATIVES AND POSSIBLE SOLUTIONS

Prof. Dr.-Ing. Frieder Haakh, Zweckverband Landeswasserversorgung (State Water Supply Association), Stuttgart

### 10:20 – 10:40 WATER MANAGEMENT – AGRICULTURE: WHAT DO DIALOGUE PROCESSES ACHIEVE IN LOWER FRANCONIA IN BAVARIA?

Axel Bauer, Senior Civil Engineer, Government of Lower Franconia, Free State of Bavaria

### 10:40 – 11:00 THE EC DRINKING WATER DIRECTIVE – SIMPLE EVALUATION OR REVISION?

Dr. Claudia Castell-Exner, German Technical and Scientific Association for Gas and Water (DVGW), Vice President of the European Federation of National Associations of Water Services (Eureau), Bonn

### 11:00 – 11:20 OUR CONCEPT OF “PURE DRINKING WATER” AND THE RISK-BASED APPROACH: A CONTRADICTION?

Dr. Ingrid Chorus, Federal Environment Agency, Berlin

### 11:20 – 11:40 PHARMACEUTICALS AND WATER PROTECTION – CAN THE TWO BE RECONCILED?

Dr.-Ing. Marcel Meggeneder, Zweckverband Bodensee-Wasserversorgung (Lake Constance Water Supply Association), German Association of Energy and Water Industries (BDEW) – Expert Committee on Drinking Water Policy, Stuttgart

### 11:40 – 12:00 ARE EU PESTICIDE CERTIFICATION AND THE NATIONAL ACTION PLAN IMPROVING THE QUALITY OF UNTREATED WATER?

Ulrich Peterwitz, GELSENWASSER AG, Gelsenkirchen

Questions and discussion

# WASTEWATER MANAGEMENT – INNOVATIVE AND SUSTAINABLE WAYS TO OVERCOME TODAY'S CHALLENGES

**Wastewater management** increasingly involves finding innovative and sustainable ways to master **new challenges**. Looking at water quality from a chemical perspective is no longer enough. Isolated measures are often inefficient and sometimes conflicting. Consequently, the **protection of water, health and resources** needs to be understood and implemented as an integral part of wastewater management. The focus here is on identifying efficient technical options and balancing requirements.

One broad and controversial option is **quaternary sewage treatment**. This requires scientific assessment and a systematic review of past experiences. The same applies to the potential of membrane technology in wastewater treatment. Last but not least, the “sewage network” asset also demands

special attention. This requires more than simply taking stock of current practice. Rehabilitation management must be seen as an ongoing task, as this is the only way to preserve the value of the network.

Wastewater treatment plants are primary energy consumers, but can also contribute to energy production. Our focus is on resource and energy-conserving wastewater treatment plants. This is a special challenge in the face of anticipated legislative changes. **Sewage sludge management** continues to require the full technical, legal and administrative attention of wastewater treatment plant operators. Here, too, it will be essential to integrate **resource efficiency**.



**TOPIC** **WASTEWATER MANAGEMENT – INNOVATIVE AND SUSTAINABLE SOLUTIONS TO NEW CHALLENGES**  
Moderator Otto Schaaf, President of the German Association for Water, Wastewater and Waste (DWA), Stadtentwässerungsbetriebe Köln

14:00 – 16:10

**14:10 – 14:30 WASTEWATER TREATMENT OF THE FUTURE – HEALTH, WATER AND RESOURCE PROTECTION**

Prof. Dr.-Ing. Johannes Pinnekamp, Institute of Environmental Engineering, RWTH Aachen University

**14:30 – 14:50 ASSESSING QUATERNARY SEWAGE TREATMENT**

Prof. Dr. Thomas Ternes, Federal Institute for Hydrology, Koblenz

**14:50 – 15:10 ECONOMICAL RETENTION OF MICROPOLLUTANTS, PATHOGENS AND MICROPLASTICS – POTENTIAL OF MEMBRANE TECHNOLOGY FOR WASTE-WATER TREATMENT**

Prof. Dr. Winfried Schmidt and Dipl.-Ing. Norbert Selzer, German Society for Membrane Technology (DGMT), Essen

**15:10 – 15:30 THE FUTURE OF RESOURCE AND ENERGY-CONSERVING WASTE-WATER TREATMENT PLANTS**

Prof. Dr.-Ing. Markus Schröder, Tuttahs & Meyer Ingenieurgesellschaft mbH, Aachen

**15:30 – 15:50 IMPLEMENTATION OF THE SEWAGE SLUDGE ORDINANCE FROM A MUNICIPAL PERSPECTIVE**

Thomas Langenohl, Kläser & Langenohl GbR, Meckenheim

**15:50 – 16:10 THE SEWAGE NETWORK CHALLENGE – DWA SURVEY RESULTS**

Dr. Friedrich Hetzel, German Association for Water, Wastewater and Waste (DWA), Hennef

Questions and discussion

Event presented by Wasser Berlin International in cooperation with the Royal Dutch Embassy on flood control.

Climate change is a major cause of rising sea levels and major river floods. There is also an increased frequency of flooding along with heavy local and regional rainfall. These incidents call for new and innovative **preventative** and **risk management** measures. Urban flash floods present a special challenge to cities and municipalities and call for new and different responses. Flood risk management as we know it is reaching its limits and requires **multidisciplinary solutions**. Quick and isolated measures are not enough.

The challenges facing Germany and the Netherlands are similar and make it clear that there is a need for new strategic flood control and flood risk management concepts in the medium and long term.

Sophisticated approaches to flood prevention and water management have been developed over the centuries. Urban flooding and storm water concepts have been around since the 1990s. They are now part of a new innovative flood risk management strategy that has been strongly influenced by the "Room for the River" and Delta programs. Germany has further improved preventative measures in recent years with the medium-term river basin flood action plans and the national flood control plan that significantly reduce the potential for damage.

**Pooling German and Dutch experience** and the knowledge gained opens an interesting basis for discussion regarding the **ongoing innovative developments** required in both countries. This jointly organized symposium creates a platform for dialogue with a focus on **“water in cities and towns”**.

## Key topics:

- Can new risks be kept under control?
- Which new, resilient urban planning approaches are necessary?
- How existing planning concepts should be developed
- How preventative measures for extreme weather events have changed in the two countries in recent years
- How these need to continue to change
- What lessons we can learn from each other. Examples: Amsterdam (NL), Rotterdam (NL), Dordrecht (NL), Deventer (NL), Hamburg (D), Munich (D), Straubing (D), Münster (D)

These necessary new developments must not detract from the attention focused on the “normal” flood events.

This exciting and varied symposium combines **interesting presentations and dialogues**.

Sustainable management is one of the key tasks of the 21st century. The paradigm shift in the management of waste as a potential repository of resources has long since taken place in the water sector. Industrial and household sewage has huge potential for nutrient and energy recovery. Gunther Adler, State Secretary in the Federal Ministry for the Environment, will explain the current developments and challenges involved in this important area and discuss the necessary “conditions for effective wastewater utilization”.

Prof. Dr. Stefan Uhlenbrook of the UNESCO World Water Assessment Program will present the World Water Development Report 2017 on the subject of Wastewater – The Untapped Resource and discuss its implications with the panel of experts.

In the next block, representatives from the business and research communities will report on the latest technologies and relevant practical experience.

# THURSDAY 30 MARCH 2017 9:30 – 14:00, EXPERTS FORUM, HALL 4.2

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TOPIC

BLUE PLANET BERLIN WATER DIALOGUES: WASTEWATER – THE UNTAPPED RESOURCE

9:30 – 14:00

## 9:30 – 9:40 OPENING REMARKS

### 9:40 – 10:00 RESOURCE EFFICIENCY IN WATER MANAGEMENT – A CONTRIBUTION TO THE IMPLEMENTATION OF THE SUSTAINABILITY GOALS

Gunther Adler, State Secretary at the Federal Ministry for the Environment, Nature Conservation, Building and Nuclear Safety (BMUB)

### 10:00 – 10:20 WASTEWATER – THE UNTAPPED RESOURCE: THE WORLD WATER DEVELOPMENT REPORT 2017

Prof. Dr. Stefan Uhlenbrook, World Water Assessment Program, UNESCO

### 10:20 – 11:30 WASTEWATER – THE UNTAPPED RESOURCE – POTENTIAL, CONDITIONS FOR SUCCESS, AND LIMITATIONS OF THE EXPLOITATION OF WASTEWATER AS A RESOURCE

Discussion with a panel of selected experts

## 11:30 – 12:00 NETWORKING/COFFEE

### 12:00 – 13:30 WASTEWATER – THE UNTAPPED RESOURCE: APPLICATIONS AND INNOVATIONS

Short presentations from businesses and research institutions followed by discussion

## 13:30 – 13:50 CLOSING PRESENTATION

## 13:50 – 14:00 SUMMARY AND FINDINGS

# UNLOCK NEW DEVELOPMENTS FOR HOLISTIC WATER MANAGEMENT

Water management is under enormous pressure to adapt and change. Who is taking the lead in **sustainable water management** and what can we **learn from their experience**? This congress block looks at current examples.

The International Commission for the Protection of the Rhine (ICPR) is pioneering the debate about micropollutants and their impact on surface waters. What knowledge can we draw from experience with the **Rhine** river basin and what practical measures can be derived from it?

What is the future of the **European Water Framework Directive**, what ideas are there in Germany for the upcoming revision in 2019, and what about water protection **after 2027**? We take a look at this not only from the German perspective but also through the eyes of Germany's Benelux neighbors.

Another topic is the **Federal Cartel Office report on the drinking water supply**. It keeps the discussion about water prices on the agenda of the water companies and demands appropriate action.

The subject of **benchmarking** looks at transparency, comparability and the information flow and asks whether this approach can also be profitably applied to environmental policy.

**Effective protection concepts are in demand.** And finally, the increasing networking and linking of water management data calls for effective **digital security strategies**.

## TOPIC UNLOCK NEW DEVELOPMENTS FOR HOLISTIC WATER MANAGEMENT

Moderator

Dr. Dirk Waider, GELSENWASSER AG, Vice President of the German Technical and Scientific Association for Gas and Water (DVGW), Gelsenkirchen

10:00 – 12:10

### 10:10 – 10:30 DEVELOPMENT OF THE WATER FRAMEWORK DIRECTIVE: THE 2019 REVISION – CONTENT AND PERSPECTIVES

Peter Fuhrmann, Ministerial Director, President of the Working Group on water issues of the Federal States and the Federal Government (LAWA), Ministry of the Environment, Climate Protection and the Energy Sector, Stuttgart

### 10:30 – 10:50 THE FUTURE OF THE WATER FRAMEWORK DIRECTIVE AFTER 2027

Dr.sc. Jean-Paul Lickes, Director of the Water Management Agency, Ministry of Sustainable Development and Infrastructure, Luxembourg

### 10:50 – 11:10 MICROPOLLUTANTS IN THE RHINE – WHAT DO WE KNOW AND WHAT NEEDS TO BE DONE?

Dr. Anne Schulte-Wülwer-Leidig, International Commission for the Protection of the Rhine (ICPR), Koblenz

### 11:10 – 11:30 BENCHMARKING – AN ENVIRONMENTAL POLICY PERSPECTIVE?

Dr. Arnold Quadflieg, Hessian Ministry for the Environment, Climate Protection, Agriculture and Consumer Protection (HMUKLV), Chair of LAWA-AG, Wiesbaden

### 11:30 – 11:50 THE FEDERAL CARTEL OFFICE REPORT ON THE METROPOLITAN DRINKING WATER SUPPLY – INDUSTRY IMPLICATIONS

Dr. Andreas Zuber, Verband kommunaler Unternehmen VKU (public utilities association), Berlin

### 11:50 – 12:10 DIGITAL SECURITY – PROTECTION FOR THE WATER SECTOR

Jens Feddern, Berliner Wasserbetriebe

Questions and discussion

# INNOVATION DRIVES PRACTICE – PRACTICE DRIVES INNOVATION

The **dialogue between science and industry** has always been a key strength in the water management sector. The Berlin water industry is a good example of the symbiosis between innovation-driven practice and practice-driven innovation. New challenges, new scientific knowledge, new technical and regulatory requirements and new standards require innovative responses from science, research, technology and everyday practice. **Berlin** shows what an effective symbiosis of theory and practice can look like. The city and the region serves as a **research and innovation platform for urban water management**. This is demonstrated by the special challenges involved in managing Berlin's water cycle.

Practice-oriented highlights from the cooperation between the **Technical University Berlin, Kompetenzzentrum Wasser Berlin, and Berliner Wasser-**

**betriebe** will be presented – driven also by national and EU-wide research programs.

We will then look at the cooperation between research and practice in the Netherlands from the perspective of our **Dutch neighbors**. Are there lessons we can learn from their experience – in particular with regard to evaluating the effectiveness of water research programs?



## TOPIC INNOVATION DRIVES PRACTICE – PRACTICE DRIVES INNOVATION

Moderator Dr.-Ing. Bodo Weigert, Berlin Center of Competence for Water gGmbH

This block is presented by the Technical University Berlin, Kompetenzzentrum Wasser Berlin, and Berliner Wasserbetriebe.

14:00 – 16:40

### 14:10 – 14:30 BERLIN – CENTER OF INNOVATION AND RESEARCH FOR URBAN WATER MANAGEMENT

Jörg Simon, Chairman of the Executive Board of Berliner Wasserbetriebe, Vice President of the German Association of Energy and Water Industries (BDEW)

### 14:30 – 14:50 WATER RECYCLING IN EUROPE – CURRENT STATE OF RESEARCH, TECHNOLOGY AND REGULATORY REQUIREMENTS

Dr.-Ing. Ulf Miehe, Kompetenzzentrum Wasser Berlin gGmbH

### 14:50 – 15:10 BATHING IN RIVERS AND STREAMS – DEVELOPING EARLY WARNING SYSTEMS TO INFORM THE PUBLIC ABOUT HYGIENE RISKS IN BATHING WATERS

Dr.-Ing. Pascale Rouault, Kompetenzzentrum Wasser Berlin gGmbH

### 15:10 – 15:30 TRACE SUBSTANCES IN THE URBAN WATER CYCLE – WHAT IS THE STATE OF THE ART? WHAT AREAS REQUIRE FURTHER RESEARCH?

Prof. Dr.-Ing. Martin Jekel, TU Berlin

### 15:30 – 15:50 TRANSFERRING RESEARCH RESULTS INTO PRACTICE

Regina Gnirss, Berliner Wasserbetriebe

### 15:50 – 16:10 NON-WOVEN FABRICS IN WASTEWATER – A CHALLENGE FOR SEWAGE PUMPS OR JUST A COMMUNICATION PROBLEM?

M.Sc. Raja-Louisa Mitchell, TU Berlin; Prof. Dr.-Ing. Paul Uwe Thamsen, TU Berlin; Jan Waschnewski, Berliner Wasserbetriebe

### 16:10 – 16:40 IMPACT EVALUATION OF WATER RESEARCH PROGRAMS IN THE NETHERLANDS

Theo van den Hoven PhD, KWR Watercycle Research Institute, Netherlands

Questions and discussion

Networked, innovative and high-tech water management 4.0 would not be conceivable without well-trained and motivated professionals and could not deliver the excellence demanded of it in water supply and wastewater management. This is why “**career opportunities and professional development in water management**” merit a dedicated block.

**Best practice from businesses:** Companies and associations present their strategies and experiences in recruiting skilled employees. How do we succeed in the **competition for bright minds**, how can we rethink **personnel recruitment**? – In addition to finding answers to urgent questions, we also need to describe the **profile of tomorrow’s generation of engineers**.

## TOPIC

## CAREER OPPORTUNITIES IN WATER MANAGEMENT

Moderator

Dr. Friedrich Hetzel, German Association for Water, Wastewater and Waste (DWA), Hennef

10:00 – 12:10

### **10:10 – 10:30 WHERE WILL WATER MANAGEMENT SPECIALISTS COME FROM IN THE FUTURE?**

Nathalie Leroy, HAMBURG WASSER

### **10:30 – 10:50 WHAT WILL TOMORROW'S GENERATION OF ENGINEERS BE LIKE?**

M.Sc. Dominic Spinnreker-Czichon, Business Development Engineer, DHI WASY GmbH, Berlin

### **10:50 – 11:10 THE FUTURE OF ENGINEERS IN THE WATER SECTOR**

Prof.Dr.-Ing. Klaas Rathke, German Association of Water Management, Waste Management and Land Improvement Engineers (BWK), Aachen

### **11:10 – 11:30 RECRUITING AND RETAINING SKILLED EMPLOYEES IN WATER MANAGEMENT – HOW CAN THIS BE ACHIEVED?**

Clivia Conrad, Head of the ver.di Federal Working Group on Water Management, Berlin

### **11:30 – 11:50 WATER MANAGEMENT COMPETING FOR BRIGHT MINDS – PROBLEMS AND POTENTIAL SOLUTIONS**

Dr.-Ing. Markus Ulmer, Stadtwerke Karlsruhe Network Service, Chair of the German Technical and Scientific Association for Gas and Water (DVGW), Vocational Training

### **11:50 – 12:10 PROFESSIONAL COMPETITIONS – NEW APPROACHES TO QUALIFYING AND RECRUITING SKILLED EMPLOYEES IN WATER MANAGEMENT**

Dipl.-Ing. Rüdiger Heidebrecht, German Association for Water, Wastewater and Waste (DWA), Head of Department, Training and International Cooperation, Hennef

Questions and discussion

# OTHER EVENTS

|                   |   |  |   |
|-------------------|---|--|---|
| TUE<br>28.03.2017 | 13:00 – 18:00 SYMPOSIUM<br>2017 International Pipeline Symposium in conjunction with NO DIG Berlin 2017, ● Room Stuttgart, Hall 1.2 |  | ●   |
|                   | 14:00 – 17:00 GERMAN-RUSSIAN CONFERENCE<br>● Marshall-Haus  | 14:00 – 17:30 IRANIEN CONFERENCE (GWP)<br>FutureForum, ● Hall 3.2  |   |
| WED<br>29.03.2017 | 9:00 – 20:00 INTERNATIONAL CONFERENCE IOA (INTERNATIONAL OZONE ASSOCIATION)<br>● Marshall-Haus                                      | ●  | 09:00 – 20:00 IWA – YOUNG WATER PROFESSIONALS<br>Water Management 4.0 – Challenges and Opportunities, ● Marshall-Haus, Cinema |
|                   | 9:30 – 17:30 RESEARCH DAY (DWA)<br>FutureForum, ● Hall 3.2  | 9:30 – 18:00 SYMPOSIUM<br>2017 International Pipeline Symposium together with NO DIG Berlin 2017<br>● Room Stuttgart, Hall 1.2 | ●   |
| THU<br>30.03.2017 | 9:00 – 17:00 EXCURSION SCHAUSTELLE WASSER BERLIN INTERNATIONAL ●  |  |   |
|                   | 9:30 – 13:30 FORUM OF THE MICROPOLLUTANTS WORKING GROUP OF THE GERMAN SOCIETY FOR MEMBRANE TECHNOLOGY<br>● Room Stuttgart, Hall 1.2 | 9:30 – 16:15 EUROPE DAY (EWA)<br>FutureForum, ● Hall 3.2   | ●   |
|                   | 14:30 – 17:30 SYMPOSIUM<br>Well Boring Symposium, ExpertForum, ● Hall 4.2   |  |   |
| FRI<br>31.03.2017 | 11:00 – 16:30 PUBLIC WATER MANAGEMENT ALLIANCE<br>● Marshall-Haus   |  |   |
|                   | 9:30 – 13:30 SYMPOSIUM<br>Well Boring Symposium, ExpertForum ● Hall 4.2   | ●  |   |



**WASSER BERLIN**  
Kongress und Ausstellung e.V.

## OUR PARTNERS



*Berliner  
Wasserbetriebe*

**bdeu**

German Association of Energy  
and Water Industries (BDEW)



German Technical and Scientific Association  
for Gas and Water (DVGW)



German Association for Water,  
Wastewater and Waste (DWA)



German Association of Local Utilities of  
municipally determined infrastructure under-  
takings and economic enterprises (VKU)

**BWK**

German Association of Water  
Management, Waste Management and  
Land Improvement Engineers (BWK)

**KOMPETENZZENTRUM  
Wasser Berlin**

Wasser Berlin Center of Excellence



TU Berlin



Königreich der Niederlande

Embassy of the Kingdom of the  
Netherlands



International Water Association



German Water  
Partnership

**figawa)**

German Association of Companies in the  
Gas and Water Supply Industry



Association of Piping  
Companies (RBV)

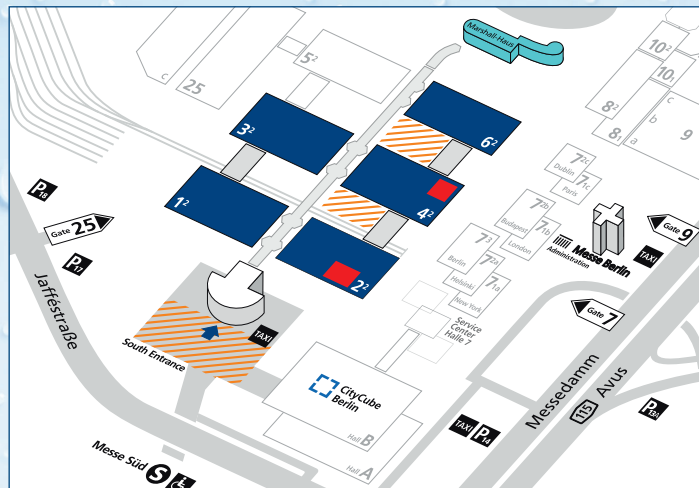
**GSTT**

German Society for Trenchless  
Technology

**Aöw**  
Allianz der öffentlichen  
Wasserwirtschaft e.V.

representation of interests of  
public water management

# EXHIBITION SITE MAP



↑ South entrance    Outdoor exhibition areas    Congress    Marshall-Haus

# TICKETS

Take advantage of our online ticket shop and save money!  
[www.wasser-berlin.com](http://www.wasser-berlin.com)

## TRADE FAIR AND CONGRESS

|                       |                            |
|-----------------------|----------------------------|
| ONE-DAY PASS          | online €20/€40 at the gate |
| TWO-DAY PASS          | online €30/€60 at the gate |
| FOUR-DAY PASS         | online €50/€80 at the gate |
| STUDENT ONE-DAY PASS  | €10 at the gate            |
| STUDENT FOUR-DAY PASS | €15 at the gate            |

Valid as of: November 2016

## ADDITIONAL EVENTS

INTERNATIONAL PIPELINE  
SYMPOSIUM WITH NO DIG  
BERLIN €80

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WELL BORING SYMPOSIUM €80

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INTERNATIONAL OZONE  
SYMPOSIUM €80

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EXCURSION SCHAUSTELLE €80  
Wasser Berlin International  
€50 per person for groups  
(of 11 or more)  
€50 for students

FLOOD MANAGEMENT SYMPOSIUM free of charge

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BLUE PLANET free of charge

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IRANIAN CONFERENCE free of charge

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RESEARCH DAY free of charge

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EUROPE DAY free of charge

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MEMBRANE TECHNOLOGY  
WORKSHOP free of charge

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GERMAN-RUSSIAN CONFERENCE free of charge

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Further information are available at [www.wasser-berlin.de/en/Congress](http://www.wasser-berlin.de/en/Congress)

Valid as of January 2017. Subject to change without notice.