

## CLIENT China Joint Project SINO-INSPECTION

### Research Institute for Water and Waste Management at RWTH Aachen (FiW)

The Research Institute for Water and Waste Management at the RWTH Aachen, founded in 1979, works as an independent institute at the RWTH Aachen University. With the aim of applied research, development and consultant services, FiW develops long term strategies and innovative methods in the fields of urban drainage, climate change adaptation, storm water management, wastewater and waste management.

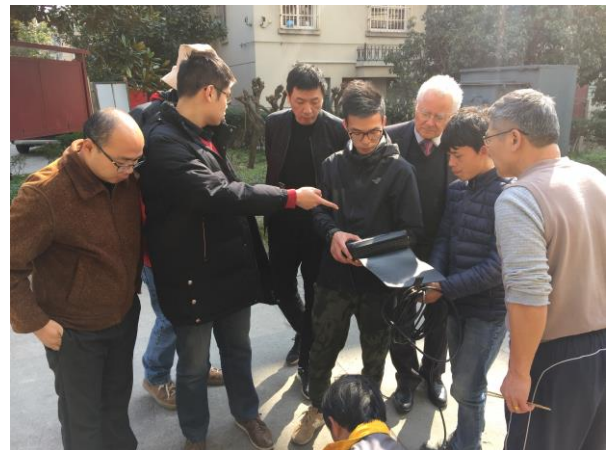
FiW works with an interdisciplinary team. It consists of research assistants from the fields of civil engineering, process engineering, mechanical engineering, waste management, environmental engineering, industrial engineering, economic geography, land-use planning and biology, graphic art and design, as well as experienced technicians and administrative staff. The team is complemented by student assistants and trainees in the fields of office communication and information technology for system integration.

FiW is closely connected to the RWTH Aachen University, which offers the institute the best preconditions to develop interdisciplinary solutions in the field of urban drainage, wastewater and waste management. Furthermore, FiW works in close cooperation with the Institute and Chair of Environmental Engineering of RWTH Aachen University (ISA) and the Development and As-

essment Institute in wastewater Technology at RWTH Aachen University (PIA). The three institutes work together as "acwa – Aachen Water".

As a research institute at the RWTH Aachen University, FiW emphasizes applied research and solutions of practical problems. About a quarter of the performance is rendered in international cooperation projects.

In our day-to-day work, FiW develops and optimizes environmentally sound and efficient wastewater treatment processes as well as waste recycling, treatment and disposal concepts. Hence, FiW has a solid network of wastewater and waste management companies to present strategies and course of actions in the wastewater and waste sector.



German and Chinese Project partners in Jiaying (FiW, 2017)



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FiW coordinates the project as project leader due to many years of experience in the field of urban drainage especially sewer inspections and evaluation both scientifically in the area of communication between the German and Chinese partners, as well as in the practical implementation of the developed technique and their demonstration in Jiaxing. Important aspects include the scientific exchange between the German and Chinese project partners with regard to existing regulations for sewer inspections, the sewer status assessment and the derivation of the remediation measures, as well as the extensive publication of project results by scientific disseminations. FiW also supports the German project partners to present their own competences and products and to initiate follow-up projects also in cooperation with other project partners.

#### Network project title

SINOWATER – Good Water Governance and German water technology for two Chinese major water bodies  
Funding code: 02WCL1335A-F

#### Project title

SINO-INSPECTION – Application of innovative waste water disposal technologies in the Taihe-Region – Implementation of German sewer inspection technology

#### Project duration

1st January 2017 – 31st December 2018

#### Network coordination

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#### Project coordination

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#### Project partners

Research Institute for Water and Waste Management at RWTH Aachen (FiW) e. V.  
JT-elektronik GmbH  
bluematic software GmbH



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