



Workshop Clean Water For Rural Areas

Background and challenges

- Poor raw water quality in many rural regions of Vietnam
- Decreasing groundwater quality/quantity due to agricultural and industrial activities
- Inadequate drinking water treatment technologies and sanitation
- Vietnam-specific challenges: sea water intrusion

Aims of the Workshop

- Information about research results / dissemination of research results
- Support of implementation processes / identification of implementation obstacles
- Identification of future needs (financing, research, ...)

Key-questions for in-depth discussions in the workshop

- How to support and improve implementation processes?
- How to identify / contact key persons for implementation processes?
- Available technologies versus demand of adapted technologies
- How to finance the water infrastructure?

Potential benefits to Vietnamese and German participants

- Mutual exchange about achieved progresses in Vietnam's water sector
- Deepening the contact between the local problem owners and experienced industry partners
- The workshop results should provide the basis for future joint R&D projects

Target participants

German side	German scientists with experiences regarding decentralized water treatment German KMU who intend to expand their contacts in Vietnam
Vietnamese side	Decision makers of the most affected VNM regions MOST (MONRE, MARD) – funding of future bilateral research Experts from the high-level Vietnamese research institutions

Selected BMBF funded research projects

- Solutions for sustainable development for Mekong Delta (ViWaT Mekong)
- Red river bank filtration project (AquaViet)

Outreach

- Impulses, ideas and suggestions for improving the implementation of research results
- Research demand regarding the implementation of Vietnam's National Strategy for Rural Water Supply and Sanitation
- The results of this workshop will be presented and further discussed on the occasion of the plenary session

Contact

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Workshop Clean Water For Rural Areas

April 26th, Duy Tan University

Moderation: Project Management Agency Karlsruhe (PTKA)

Dr. Rüdiger Furrer, Dr. Nguyen Le Quynh Thu

Time	Program	Speaker/Comments
13:30	Introduction	PTKA
13:35	Keynote speech Challenges of the water supply in rural areas	Prof. Nguyen Viet-Anh, Hanoi University of Civil Engineering, Institute of Environmental Science and Engineering (IESE)
13:50	Keynote speech Relevant energy saving technologies for urban and rural areas in Vietnam	Prof. Dr.-Ing. Martin Wagner, Technical University of Darmstadt (TUD) and Vietnamese-German University (VGU)
14:05	Keynote speech (Re-)Financing of water infrastructures	Prof. Dr. Karl-Ulrich Rudolph, University of Witten-Herdecke
14:20	Groundwater environment and appropriate solutions to tackle pollution and degradation issues	Dr. Hoang Van Hoan, National Center for Water Resources Planning and Investigation (NAWAPI) – MONRE
14:30	In-depth discussion based on the results of the recently concluded research projects <ul style="list-style-type: none"> ▪ Solutions for sustainable development for Mekong Delta (ViWaT Mekong) tbc (NAWAPI, project ViWaT-Engineering) Prof. Pham Thi Thuy (VNU-HUS, project ViWaT-Operation) Prof. Phan Dinh Tuan (HCMUNRE, project ViWaT-Operation) Prof. Dr. Karl-Ulrich Rudolph (University Witten-Herdecke, project ViWaT-Operation) Dr. Jose Ordonez (MARTIN Systems GmbH, project ViWaT-Operation) ▪ Red river bank filtration project (AquaViet) Prof. Doan Thu Ha (Thuy Loi University) Mr. Alexander Goldmaier (AUTARCON GmbH) Mr. Alfred Graf (a.p.f. Aqua System AG) ▪ Further bilateral water projects 	
15:20	Closing remarks	
15:30	End of the Workshop	