

Curriculum Vitae

Name: **Raimund Meyer-Robben**

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Date of Birth: 2 May 1955

Nationality: German

Family status: Divorced
Two children, born in 1990 and 1993

Education:

1966-1974 **Wiedenbrück Academy**
(Ratsgymnasium Wiedenbrück)
Graduation (Abitur)

1974-1981 **Aachen Technical University**
(Rhein. Westf. Technische Hochschule Aachen, RWTH)
Civil Engineering majoring in Structural Engineering
(Bauingenieurwesen, Vertiefung Konstruktiver
Ingenieurbau)

Languages: English: very good
French: semi-fluent
Spanish: basic understanding
German: mother tongue

Hobbies and interests: Sailing & diving, chess

Employment history

July 2003-date

Bremer Entsorgungsbetriebe

Department Head: Technical controlling and contract management of hanseWasser GmbH

- Municipal representative for the cooperation between hanseWasser ltd and the Municipality of Bremen, especially regarding contracts between surrounding towns/districts, the Municipality and the hanseWasser ltd
- Management of European funded projects in Bremen in the field of Water/Wastewater
- Cooperation with InWent, Borda, Solidarity Forum Pune and the Bremen State Office for Development Co-operation

Jan 2001-June 2003

**German Agency for Technical Co-operation (GTZ GmbH,
Deutsche Gesellschaft für Technische Zusammenarbeit)**

April 2002-June 2003: Advisor for drinking water and wastewater management in the Palestinian Territories for German funded projects

- Management of four ongoing projects and implementation of three new projects for the drinking water supply and the wastewater management in the northern West Bank (Ramallah,/Al Bireh, Nablus, Salfeed and Tulkarem)
- Capacity building and training of personnel in the above mentioned municipalities
- Setting up of a completely operational GTZ- Office for Water and Sanitation in Ramallah/Al-Bireh under extremely difficult political circumstances

Jan 2001-March 2002: Advisor for wastewater management in the Kingdom of Saudi Arabia, providing advisory services to the Ministry of Municipal and Rural Affairs (MOMRA) in Riyadh.

- Upgrading of technical standards and development of guidelines for the design of sewage treatment plants (STPs) and sewer networks
- Definition of benchmarks for wastewater treatment and sewerage systems based on investment, operation and maintenance costs
- Checking of the wastewater master plan for Jeddah and of other plant and network designs in the Kingdom
- Coordination with institutions and sectors involved, e.g. agriculture, industry and health regarding re-use-criteria, tariffs etc.
- Drafting of a wastewater management strategy, also including administrative structures and training inputs

Nov 1999–Dec 2000 Bremer Entsorgungsbetriebe

Department Head: Technical controlling of Abwasser Bremen GmbH and treatment of leachate at Bremen`s solid waste disposal plant. Review on administrative structures on different levels.

May 1999-Oct 1999 Gütegemeinschaft Güteschutz Kanalbau

Assessor: Responsible for inspecting and controlling sewage-pipe construction sites and associated contractors` conformance with the relevant technical and legal specifications. My area of responsibility was northern Lower Saxony and Bremen.

Jan 1998-April 1999 Bremer Entsorgungsbetriebe & Abwasser Bremen GmbH

Project Manager: Responsible for developing international projects in wastewater management in south west Asia, the United Arab Emirates, Eastern Europe and Latin America. Areas of responsibility included:

- Economic aspects of operation and maintenance of sewage treatment plants
- Tariff system, billing and collection
- System analysis regarding the sewerage system, pumping stations, wastewater treatment and final disposal or recycling
- Analysis of existing laws and regulations
- Work on tender documents for the operation and maintenance of wastewater management systems
- Calculating the financial input necessary for the upgrading of plants
- Checking possibilities to re-use waste water and sludge for agriculture (land use, natural conditions)

Jan 1996-Dec 1997 Bremer Entsorgungsbetriebe

Assistant Operations Manager: Responsible for investments and operational procedures and their optimisation on the sewage treatment plants Bremen-Seehausen (1.000.000 population equivalents (p. e.) and Bremen-Farge (160.000 p. e.). Specific duties included:

- Commissioning of the newly built biological treatment chain for 500.000 p. e. in Bremen-Seehausen
- Reduction of operation and maintenance costs
- Calculation of the cost-benefit ratio of investments
- Final disposal and recycling of sewage sludge
- Development and implementation of a new upgrading concept for nutrient removal for the old chain of STP Bremen-Seehausen for 500.000 p. e., making use of the dynamic simulation of treatment processes and transferring the process to step aeration. Savings in comparison to the old concept: More than 10.000.000 Euro

All relevant and applicable laws and regulations concerning emissions were analysed and complied with, also regarding the latest European legislation.

Jan 1991-Dec 1995 Planning Department / Building Control Office (Bauamt Bremen-Nord)

Department head: Head of the Planning Department for the sewerage system, pumping stations and the sewage treatment plant in the northern part of Bremen. The main project was the design, tendering, implementation and successful commissioning of the upgrading and extension project of the sewage treatment plant Bremen-Farge (160.000 p. e., nutrient removal, about 20.000.000 Euro invested). Factors considered for this project included:

- Environmental Impact Assessment
- Inspection of the existing waste water treatment plant
- Cost-benefit ratios for different upgrading patterns
- System Analysis for networking and plant operation

In addition to this, I supervised the development and construction of new parts of the sewer network as well as the design, construction and commissioning of storm water retention tanks and sewers in the sewerage system including pumping stations.

May 1988-Dec 1990 Trier Water Authority (Wasserwirtschaftsamt Trier)

Department Head: Responsible for the economical and technical auditing of wastewater-related projects with particular emphasis on the following categories:

- Upgrading of already existing sewage treatment plants
- System analysis regarding collection of effluents for new sewage treatment plants in rural areas
- Checking tender documents and tender procedures
- Analysis of existing laws, regulations and administrative structures for the wastewater sector
- Environmental Impact Assessment Studies (EIA)
- Dynamic calculation of cost-benefit ratios, comparing centralized and decentralized sewage treatment for groups of villages, based on the Wastewater Master Plan for the state of Rheinland Pfalz.

Sep 1985-Jan 1988 Ministry of the Environment (Ministerium für Umwelt, Raumordnung und Landwirtschaft) in Düsseldorf, North Rhine Westfalia.

Graduate Trainee: Intensive training in the following environment-related subjects:

- Wastewater management
- Drinking water supply and purification
- Solid waste management
- Hydrology

- Environmental Impact Assessment Studies
- Creation of tender documents, tendering procedures
- Calculation of cost-benefit ratios of plants and systems
- Accountancy and business management
- General administration and basic legal familiarisation

Sep 1984-Aug 1985 CONCOR BUILDING (PTY) LTD. South Africa

Construction Supervisor: Employed as a civil engineer on the building site for the MATIMBA coal-fired power station (6 x 665 MW), responsible for the construction of the auxiliary bay, the turbine hall and the turbine tables (mainly reinforced concrete works).

Oct 1982-Aug 1984 Self employed structural engineer, Aachen

Structural engineer on the design and construction of houses and school buildings.

**Oct 1981-Sept 1982 Engineering Consultancy, H. Drücker
Gütersloh**

Structural engineer on the design and construction of buildings using reinforced concrete.

Bremen, Aug 27th 2002

Raimund Meyer-Robben