

Curriculum Vitae



1. **Family name:** BARGOLINI
2. **First names:** Robert
3. **Date of birth:** 25 May 1971 (39100 Bozen South Tyrol Italy)
4. **Nationality:** Italian
5. **Civil status:** Married, 2 children
6. **Education:**

Institution [1987 -1990]	Degree(s) or Diploma(s) obtained:
Technical College for Horticulture (South Tyrol, Italy), Laimburg 6, I-39040 Auer (BZ), Italy	Graduation Horticulture (1990)

7. **Language skills:** Indicate competence on a scale of 1 to 5 (1 - excellent; 5 - basic)

Language	Reading	Speaking	Writing
German (MT)	1	1	1
English	1	1	1
Italian	1	1	1
Spanish	1	1	2
Portuguese	1	2	3
French	2	4	5

8. **Membership of professional bodies:**

- **DVGW German Technical and Scientific Association for Gas and Water**
- **IWA**

9. **Other skills:**

- **Substantial Seminar Activity as Lecturer and Practical Instructor for DVGW as well as German Universities and Polytechnics (Universities of Applied Science) regarding Water Loss Management**
- **Profound IT Skills, versatile with MS Office applications, Corel Draw**
- **First-hand and practical know how of a broad range of Flow Measurement and Leak Detection Instruments including their analysis software, including Ultrasonic, Leak detectors, Correlators, Pressure Loggers and associated equipment**
- **Beginning with 2013 Development of a unique Leak Detection system for main trunks and non-metallic Pipelines**

10. **Present position: Consultant, Lecturer and Practical Instructor in WLM**

11. **Years within the firm: Since 2015 (Owner)**

12. **Years within the Waterloss Management Sector: Since 1996**

12. Key qualifications:

Robert Bargolini has started his professional career in 1997 as the **Technical Manager Leak Detection** for Huberg KG. From 2002 to 2008 he was enrolled as **Product Manager with SebaKMT**, developer and producer of measurement equipment for locating leaks in drinking water distribution networks. He joined the German company **F.A.S.T. GmbH** in 2008 and likewise worked as Product Manager for FM and LD products. He still undertakes trainings on behalf of F.A.S.T. but also works as a Freelance Expert, especially as **Lecturer and Practical Instructor for water loss management**. Altogether, Robert Bargolini holds **20 years of professional experience in water supply network management, loss control and associated training.**

Most of his **professional experience covers water supply network control and rehabilitation as well as implementation of measures to reduce water losses and unaccounted-for water**, preparation of record drawings for distribution systems, experience in Operation and Maintenance (O&M) of water supply systems. He has **specialist know how in routine leak detection** and rehabilitation activities for the water distribution, which includes routine leak detection, programming of rehabilitation measures, recommendations for future works and construction supervision.

Has managed technical co-ordination and **personally executed extensive leak detection programmes** and unaccounted – for water studies world-wide, with subsequent **recommendations for improvements and staff training**. He commenced the development of a unique Leak detection system for main trunks and non-metallic Pipelines. Almost all his Clients / Beneficiaries have been water companies of various sizes, so that for **several years he has had direct experience working with water utility organizations.**

Robert Bargolini is a highly experienced Lecturer and Practical Instructor for WLM and NRW activities. In numerous occasions he has conducted Trainings in Water Loss Management for **DVGW** (German Technical and Scientific Association for Gas and Water) as well as for **courses at Universities and Polytechnics** (Universities of Applied Sciences). He has worked as NRW Expert and Instructor on several international assignments from 1999 onwards. The Beneficiaries of his assignments were water utility organizations of various sizes, including – outside Europe - utilities in **Angola, Burundi, Brazil, Trinidad & Tobago, Argentina, Malaysia, Vietnam and Egypt.**

Nearly all of his national and international Projects included a Training Component, mostly in the form of operational staff training in NRW and practical field training, but also in the form of Workshops It is safe to say that his experience as Trainers out of these numerous programmes covers **more than 5 years (lecture-style and practical)**. He disposes of **a wealth of relevant training material** and has a thorough knowledge of the specialist instrument used in FM and LD, including those in place.

Mr Bargolini has worked a multitude of domestic and international projects as a **Team Member**. He has a very **good understanding of project requirements, scope of works, cooperation with team members and Clients**. He has a broad specialist knowledge, good communication skills and is able to **adapt himself to difficult working and living conditions**, as proven on several programmes.

13. Specific country experience (selected):

Country	Date from - Date to	Beneficiary Water Company
Angola	11/2006 – 02/2007 (2 missions)	Luanda Water Supply Company
Argentina	01 – 03/2000	Sunchales Water Supply Company
Brazil	06/2005 – 06/2006 (intermittent)	Belo Horizonte Water Supply Company
Burundi	01/2008 (1 mission)	Local Water Authorities
China / Hongkong	09-10/2010	Local Water Authority
Egypt	03 & 05/2010	Giza / Cairo Water Authority
Kosovo	02-03/2011	Pristina Water Supply Company
Malaysia	04-05/2003	Johor Bahru Water Supply Company
Montenegro	2005	Budva Water Supply Company
Portugal	07-08/2010	Local Water Authorities
Saudi-Arabia	09-10/2003	Local Water Authorities (Riyadh, Jeddah, Dammam)
Trinidad & Tobago	04/2007	Local Water Authorities
Ukraine	2004	Kiev Water Supply Company
United Arab Emirates	02/2004	Dewa/Dubai
Vietnam	2005	Local Water Authorities
Zimbabwe	2018 – 2019 (3 missions)	GIZ – NRW Programm

In addition to the above-mentioned Countries, Robert Bargolini – in his role as Product and Sales manager / Instructor for various FM and LD Equipment Suppliers - has managed (short) projects related to water loss management, in terms of equipment delivery, service and technical training of the local staff, in the following countries:

Australia, Angola, Bahrain, Brazil, Burundi, Germany, Belgium, Netherlands, Uruguay, Trinidad and Tobago, Ukraine, Romania, Poland, Lithuania, Estonia, Egypt, Latvia, France, Spain, Great Britain Switzerland, Austria, Montenegro, Lebanon, Saudi Arabia, Oman, Slovenia, Malaysia, India, Thailand, Vietnam, Paraguay, Argentina, UAE (Dubai, Abu Dhabi, Sharjah), Kuwait, Kosovo, South Africa, Ireland, Iran, Russia, Slovakia, Czech Republic, Hungary, Serbia, Bosnia and Herzegovina, Croatia, Costa Rica, China, Portugal, Luxembourg, USA, Italy, Kenya, Spain, Turkey, Singapore, Iceland, Zimbabwe.

14. Professional experience

a) Employment Record

Date from - Date to	Location	Company	Position
2015 - current	Germany	Robert Bargolini Special Services	Owner
2013 - 2015	Germany	G.I.S.S. GmbH	General Manager, Shareholder
2011 - 2012	Switzerland	Von Roll Holding AG	Vice President Sales
2011 - 2011	Germany	TROTEC Group	General Manager Water
2008 - 2011	Germany	F.A.S.T. GmbH	International Sales manager, Product Management
2002 – 2008	Germany	SebaKMT	Product Manager / International Sales
1998 - 2002	Italy	Huberg KG	Technical Manager Leak Detection

b) Professional Experience / Project Work (selected)

Date from - Date to	Location	Company	Position	Description
1998 -2002	<i>various</i>	Huberg KG	Technical Manager Leak detection	Leak detection expert,
2002 - 2008	<i>various</i>	On behalf of Seba KMT	Product Manager , Technical support expert ,	Various Seminars for German Universities and for the DVGW (German Technical and Scientific Association for Gas and Water) Seminars for International and German Water Supplier regarding Water Loss Management
2008 – current	<i>various</i>	On behalf of F.A.S.T GmbH	Lecturer and Practical Instructor	Various Seminars for German Universities and for the DVGW (German Technical and Scientific Association for Gas and Water) Seminars for International and German Water Supplier regarding Water Loss Management
02-03/2011	Kosovo	Lahmeyer International	Leak Detection Expert / Trainer	<u>Water Supply Programme Pristina (KfW)</u> Preparation and Execution of a Leak Detection and Training Programme on behalf of the Regional Water Company in Pristina. Training of a new inexperienced staff in all relevant methods of water loss reduction including the use of the various technologies for leak detection in the field.
09-10/2010	China. Hong Kong	TCIE	Leak Detection Expert / Trainer	Preparation and Execution of a Leak Detection and Training Programme on behalf of the Water Supply Department (WSD) of the Local Water Authority Implementing acoustic zone measurement via Noise loggers.
07-08/2010	Portugal	Gauff Engineers	Leak Detection Expert / Trainer	Preparation and Execution of a Leak Detection and Training Programme on behalf of 6 different Local Water Authorities (EU-funded). Training of the local technicians in regard of correlation, ground microphone, noise loggers, ultrasonic flow measurement, pipe location and the use of tracer gas.

Date from - Date to	Location	Company	Position	Description
03/2010 and 05/2010	Egypt	Cairo Water Company	Leak Detection Expert / Trainer	Preparation and Execution of a Leak Detection and Training Programme on behalf of 6 different Local Water Authorities (WB-funded, through Holding Company for Water and Wastewater HCWW)
01/2008	Burundi , Bujumbura	European Commission	Leak Detection Expert / Trainer	Preparation and Execution of a Leak Detection and Training Programme on behalf of Local Water Authorities (funded EU / African Development Bank) by implementing a mobile pressure enhancing technology to ensure the feasibility of acoustic leak detection in low pressure network sections.
04/2007	Trinidad & Tobago	LWA Port of Spain	Leak Detection Expert / Trainer	Preparation and Execution of a Leak Detection and Training Programme on behalf of the Local Water Authority of Port of Spain (funded Inter-American Development Bank) implementing the design of DMA by the installation of Bulk water meters , quadrina flowmeters and the subsequent locating of existing leaks using correlators, ground microphones and tracer gas.
11/2006 and 01-02/2007	Angola	Gauff Engineers	Leak Detection Expert / Trainer	Preparation and Execution of a Leak Detection and Training Programme on behalf of EPAL Luanda water Supply Company; Training of 25 Trainees of Luanda Water Company in Leak detection, Pipe Location and GIS Mapping (funded by KfW)
06/2006 – 06/2006 (total 12 weeks)	Brazil	COPASA	Leak Detection Expert / Trainer	Preparation and Execution of a Leak Detection and Training Programme on behalf of COPASA; Leak Detection, Pressure Management, Support in Network Design, Calibration of the hydraulic model by pressure management with the target to realize the minimum pressure needed for acoustic leak detection. (PPT Project COPASA, SebaKMT, VAG, Dr Kraetzig, KvW)
11/2005	Vietnam	George Kent Malaysia	Leak Detection Expert / Trainer	Preparation and Execution of a Leak Detection and Training Programme on behalf of 6 Local Water Authorities (funding by Asian Development Bank) introducing Water balancing / Determination of Water Losses according to IWA and the Utilization and Practical Instruction of Correlators, Pipe Locators, Electro-Acoustic Devices, Pressure Loggers.
03/2004	UAE Dubai	DEWA	Leak Detection Expert / Trainer	Preparation and Execution of a Leak Detection and Training Programme on behalf of the Local Water Authorities. Implementing acoustic zone measurement and the use of tracer gas for leak detection in low pressure areas.
09 – 10/2003	Saudi Arabia	SebaKMT	Leak Detection Expert / Trainer	Preparation and Execution of a Leak Detection and Training Programme on behalf of major Water Utilities (Riyadh, Jeddah, Dammam) Technical training for the leak detection staff / Training in the use of Correlators / Training in Methods of Active Leakage Control / District Metered Areas (DMAs)
04-05/2003	Malaysia	Ranhill	Leak Detection	Preparation and Execution of a Leak Detection and Training Programme on behalf of the Local Water

Date from - Date to	Location	Company	Position	Description
			Expert / Trainer	Authority Johor Bahru / implement of zoning and sectorisation of the Water Supply Network and the development of water loss management strategy's in rural areas with low pressure and reduced water supply services. Water balancing / Determination of Water Losses according to IWA
01-03/2000	Argentina	Huberg KG	Leak Detection Expert / Trainer	Preparation and Execution of a Leak Detection and Training Programme on behalf of the Local Water Authority in Sunchales, Argentina. Implementing the use of Hydrophone sensors for leak correlation in low pressure and non-metallic network systems.
2015 Current	Germany	N-Ergie AG	Consultant / Cooperation	Development of a unique technology for main trunk leak detection and Pipe screening

15. **Others (e.g. publications):**

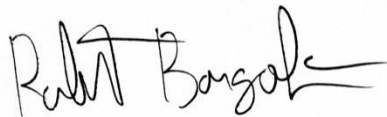
for: H.W. Richter (Publisher), Vulkan Publishing House 2010: **Maintenance of water supply networks**: Guidelines for cost-reducing and quality assurance management of water supply systems, **Chapter 6.1 Systematic leak detection in pipe networks**

for: N-ERGIE Aktiengesellschaft 90429 Nürnberg - feasibility study- Leak detection and Pipe screening on main trunk pipelines – International Marked size for service and/or equipment delivery.

for: Architects chamber Bolzano Italy. Application techniques for locating humidity and leaks in buildings

for: TAH Hannover. Trenchless rehabilitation of pipelines. Workshop Technical paper **Systematic leak detection in pipe networks**

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