Mag. Roland Vogtenhuber, MAS. MSc.;

Putzendoplergasse 16/34/3, A-1230 Vienna; AUSTRIA-EUROPE

Website: <u>www.vogtenhuber.co.at</u>; Email: <u>office@vogtenhuber.co.at</u> Mobil: +43-(0)660-6336 125; SKYPE ID: vogti-roland



Curriculum Vitae

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The fundaments of my activities are my completed educations as ecologist, business economist, process & green technology.

So far I was working very successful as consultant (economy/ technology), project manager, head of commissioning or energy manager for the benefit of enterprises and townships. So they got without a problem the following international certificates. But we also passed the annual re-audits easily.

- ISO 9001 (quality management)
- ISO 14001 (environmental management), EMAS (europ. EMS Certificate)
- ISO 50001 (energy (efficiency) management)

Additional I am an expert for

- Renewable fuels and gases
- Slack-, Grey- and Clear-Water-Systems": sewage recycling systems, biolog. sewage recycling systems
- ✤ "Solar-Heating-Systems" incl. "Solar Heating With Ice"
- "Vertical Wind Power Stations"
- Management of basic recycling and waste materials

The size of my projects was between 100.000.-€ and 20 Mio. €, was operating with 5 up to 130 persons in Latin America, Europe, Middle East and the Arabian Peninsula (Qatar, Saudi Arabia).

Career path (inverse order):

- $\circ~$ 07/2013 today: Freelance Executive Consultant, Project manager
 - Consultant for companies and municipalities by consideration of several social and economic aspects
 - o for "Energy- & Environmental-Management-Systems ISO14001, EMAS_ISO 50000;
 - o Creration of scientific feasibility studies about alternative energy and water recycling sites;
 - Expert about ""Black-, Grey- and Clear-Water-Systems",
 - Creation, consruction and PM of small organic sewage treatment plants;
 - "Solar-Heating-With-Ice"; Solar-Thermic-Sites",
 - \circ "Vertical-Wind-Power-Stations" and other "renwerable enery souces"
 - o Coach and Trainer for Companies and Minucipalities about "Feedstock- and Waste-Management"
 - 10/2014 06/2015 techn. Projectmanager for HYDRO-POWER-AUSRIA (Austria/Colombia) of small Hydroelectric-Power-Station in a precast-concrete-parts-method; Management, reation construction and control of the static calculations. Finished before realisation although the project was redy because of financial problems of the cilents
- Latest news: successful upgrade "AUDITOR for ENERGY EFFICIENCY by DIN EN ISO 50001 and DIN EN 16247"
- 04/2013 06/2013: Freelancer for HAYS as Precommissioning-Technician for LINDE SAUDI ARABIA in Al Jubail; member of the successful Commissioning-Management-Team for an Acetylen production Site; duties very similar to Qatar
- o 05/2012 03/2013: Freelance Executive Consultant (see above)

\circ 05/2011 – 04/2012: Freelancer for the UHDE-THYSSEN-KRUPP QATAR;

- Pre-Commissioning and Commissioning in Messaid, Qatar; member of the Comissioning-Management-Team:
- Author of new and check of existing operating procedures for the cold and hot commissioning
 - Coordination and supervision of 10 groups of 20-25 pers. (formans and operators),
 - Coordination of the several subcontractors companies for cold- and hot commissioning
 - Daily construction quality-check (lines, pipes, tanks, stages, operating areas, pumps etc.)
 - Check of all pipies (water, compressed air & steam), cleaning and filling with inert gas for conservation
 - Check of the function of all electric components and lines, marking and preparation of all checked lines
 - Check of all fittings, pumps (rotation check), engines and systems
 - Coordantaion and execution of all test runs, department by department.
 - Coordination of trainings of operators and technicians
 - Systematic combination of the sevral checed systems to a whole working site.
- Coordination of the final inspection, as well as the creation and handover of the documentations
- o 03/2011 05/2011: Freelancer, Executive Consultant & Project manager (see above)

0 07/2010 – 03/2011: CEO for ENERGIA SYSTEM TECHNOLOGIES Ltd., consecutively ENERGY-SYSTEMS E.A.S.Y. LLC

- Prokura nd head of projects for:
- o EASY-SYSTEM-BOX (cost reduction by a very effective ilumanation technology)
- recuperative heat exchanger

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- Solar-Thermic heating and/or cooling
- Vertical Wind-Power-Stations

Separation due to serios problems of employment and business law, finally regulation by a judge in court

- o 01/2005- 06/2010: Freelancer, Executive Consultant & Project manager (see above)
- 04/2009-11/2009: VAOS (Value Added Oilfield Services) LIBYA; I was hiered as head of department for environmental- and infrastructure. The VAOS company was also dealing with the following items:
 - o "ATC-Automated Tank Cleaning" (of crude oil tanks),
 - o "Waste-Oil-Pit Treatment" by "Bio-Remediation" (a biological remediation method by mikrobacterias)
 - o Ecological Energy-, Waste- & Sewage treatment and principal management for several camps
 - "Water-Supply & Management" and "Water Recycling" for several camps
- o 09/2007-11/2008: Bio Diesel International AG Manager of Commissioning; mainly in Spain
 - Duties and functions nearly ident with the commissioning part for BDT, Project volume about 80-200 mio € 01/2005-08/2007: Bio Diesel Technologies GmbH
 - **member of the research and development team** of a modular biodiesel-site-system, one unit can do the production of 1000 litres of biodiesel per our, (at least 4000 litres)
 - o Manager of Commissioning, and technicl Project Manager in: Slovakia, Cyprus, Bulgaria, Spain, Poland, Greece
 - Manager of Commissioning, and technicl Project Manager in: overseas (Argentina, Uruguay, Brazil);
 - Project opening with client, head of management of BDT and the commercial PM
 - Consulting of each client for his perfect infrastructure for the modular Bio-Biesel-Units
 - Writing down and cheking of the "Project -Management-Book" (project targets, project process steps, time management, short and long hedge, base-line time-sheet)
 - Cration of the several corrective actions in advance by expected plan variances
 - Control of the project progress and enabeling the direct connected payment procedures
 - Coordination of the several subcontractors companies for cold- and hot commissioning
 - Coordination of the commissioning process
 - Coordination and execution of the trainings for the operators, technicians and chem. staff (Engl. and or Span.)
 - Coordination and control of the final inspection (incl. a 48 hour test run)
 - Coordination and control of the project, process and final documentation for the client
 - "Project-Handover" to the client and the future staff
 - Claims Management
 - Feedback to the construction team and quality control of the project itself
- o 06/2001-12/2004: Freelance Executive Consultant, Project Manager; (see above) also seminars in Germany and USA

• 10/99-05/2001: Peithner KG nm. Peithner Austroplant GmbH; Environment- and Quality Manager:

- Project manager of a successful implementation of the environment management systems ISO14000 and EMAS, energy-/ resource-balance sheet,
- \circ $\;$ Gaining the award by the government of Vienna "Eco-Business-plan 2000" $\;$
- **08/97-08/98: Freelancer & Project Manager:** Energy and Sewage Treatment Project: concept, calculation of profitability, energy management and detail planning of a biogas plant for the riding stable-club RSC in Gr. Enzersdorf,
- **10/96-04/97: PRO MENTE VIENNA Executive- & Project Manager:** Employment Project of "ÖKOPART"
- **01/95-01/96: Freelancer & Project Manager*:** Biogas Plant in Ranchuelo, St.Clara, Cuba: Sewage Treatment Project of a Pig Farm (20.000 pigs)

Jobs as a "Paid Working Trainee":

- 07/98-10/99 freelancer job as translator of scientific essays for the "Forum Mobile Communication"
- 08/87-04/92 Prof. Vogel, Inst. of techno-, inventory- and waste management; EcU-Vienna waste management, -

techniques, -assessments, information desk, internal & external education

- o 08/87-05/89 Inst. of technology and merchandising
- o 06/89-12/91 Institute of-Ecological-Technology
- o 01/92-04/92 Company for encouragement of environment and recourse -economy
- 10/86-10/95 Ecological scientific cooperation OIKOS, press manager
- 07-09/86 Member of the task force bureau of the National Park "Chalk Alps Austria"; Project water supply and water recycling of an alp camp
- 05-08/96 Regional manager for technical equipment medical surgery, Spectromed
- 10/93 04/96 Scientific Assistant at the Allergy Centre Floridsdorf (FAZ)
- 06 09/86 Male nurse, university clinic of Vienna (AKH) 1. intensive care
- 06 08/83 & 02-03/84 Male nurse, general hospital Baden (urology, ambulance, intensive care)

Personal datas:

Birth: 16. 08, 1961

Marital status: divorced, two daughters (08/83 and 10/87)

Military service:Served, Austrian mountain platoon 10/81-06/82

<u>School:</u>

- Ground school, Anton Baumgartnerstraße Vienna 23rd, '67- '71
- Gymnasium of natural science., Diefenbachgasse Vienna 15th, 71- 81 Graduated

Academic Education

- 10/82 06/86 human medicine, University of Vienna(2 of 3 parts)
- 10/85 11/97 Ecology, University of Vienna, Magister of environmental science
- o 10/92-07/93 ERASMUS Grant at the University of Göttingen Germany (one year),
- Diploma "The successful transfer of environmental Technology, at the example: Biogas-Technology in Cuba"
- 10/98-11/99 Interdisciplinary postgraduate diploma as a Master of Advanced Studies, MAS; at the university of applied sciences "Umwelt Management Austria"; <u>Main Focus: Economy & Management</u>
- 02/04-11/04 Interdisciplinary postgraduate diploma as a Master of Science, MSc; at the university of applied sciences "Umwelt Management Austria"; <u>Main Focus: environmental-, process- and mechanical engineering</u>
- 10/2015 successful upgrade AUDITOR for ENERGY EFFICIENCY by DIN EN ISO 50001 and DIN EN 16247

Additional Skills:

- o Languages: German (native speaker), English (business fluent,), Spanish (good conversation),
- o <u>Sociology and communication:</u> mediation, conflict- and communication management
- o Law: the law areas of plants, companies, environment and law process; EU-law; HSE-Systems
- o <u>Software skills:</u> Windows; Office-Package; SAP, Oracle; Linux; LEED

Spare Time Activities:

- \circ $\;$ Trekking in nature with my partner:
 - Long distance hicking
 - Cycling, long distance cycle touring, mountain bike cycling
 - Tour kayaking
- \circ $\;$ Sports: roller hokey and ice hokey; swimming
- o Making Musik: Austrian-, Scottish- and Irish Folk Music, Swing & Jazz; playing: Saxophone, fluet and bagpipe