
Personal data

<i>Name</i>	Heinz Werner Böni
<i>Academic degree</i>	Engineer MSc ETH Swiss Federal Institute of Technology, Zürich/Switzerland
<i>Nationality</i>	Swiss
<i>Date of Birth</i>	5 th July 1959
<i>Civil status</i>	Married, 3 adult children
<i>Home Address</i>	Kirchhalde 17 CH-8592 Uttwil / Switzerland
<i>Phone</i>	Office: +41 58 765 78 58 Mobile: +41 79 217 86 50
<i>E-Mail</i>	Office: heinz.boeni@empa.ch heinz.boeni@ecopartner.ch Private: heinz.boeni@gmail.com



Professional background and key qualifications

More than 30 years of professional experience as Managing Director, Project Manager, Senior Expert and Scientist in the fields of Waste Management and Resource Efficiency, Cleaner Production and Eco-efficiency, Circular Economy:

- **22 years as Project Manager, Senior Expert and Scientist** in the fields of Waste Management, Resource Efficiency, Cleaner Production and Eco-efficiency, Circular Economy in Switzerland and in developing countries (Unicef and Empa)
- **11 years as Managing Director, Project Manager, Planner and Consultant** in the field of Solid Waste and Resource Management in Switzerland and developing countries. Special expertise in technical and economical appraisal of solid waste infrastructure with emphasis on solid waste landfills, environmental and economic impact studies, regional and urban waste management schemes and collection and transportation systems (Büro für Kies+Abfall Ltd. and Ecopartner Ltd.)

Invited Speaker in national and international conferences and seminars¹

Lecturer and Supervisor of Master Theses at ETH Zurich and HSR Rapperswil

Mediator and Coach (www.faireinbaren.ch and www.existentielles-coaching.ch)

Higher education

2000 - 2001	Post graduate diploma in integrated environmental management University of St. Gallen and EMPA Switzerland
1984 - 1985	Post graduate studies in water supply, waste water treatment, water protection and solid waste management Swiss Federal Institute of Aquatic Science and Technology - EAWAG Zürich/Switzerland
1979 - 1983	Rural (Environmental-) Engineer MSc Swiss Federal Institute of Technology ETH Zürich/Switzerland

¹ List available on request

Employment Record

Since 2001	Empa - Swiss Federal Institute for Material Science and Technology St. Gallen/Switzerland www.empa.ch/care	<i>Head of Research Group "CARE-Critical Materials and Resource Efficiency"</i> <i>Deputy Head of Laboratory "Technology and Society"</i> <i>Head of Conformity Assessment Body of SWICO WEEE take-back scheme (see: www.swico.ch)</i> Head of R&D, consultancy services and training in the area of Waste and Resource Management with a special focus on e-waste Management Lead auditor for conformity assessment on e-waste recycling scheme in Switzerland Project manager and senior expert for waste management projects in Switzerland, Colombia, Peru, Chile, Cuba, Brazil and Ecuador
1997-2001	EcoPartner Ltd. St. Gallen/Switzerland www.ecopartner.ch	<i>Managing Director and Senior Consultant</i> Project manager and senior expert in the areas of solid waste and resource management, environmental management and contaminated soil remediation in Switzerland, Austria, Germany and Colombia.
1991-1997	Büro für Kies+Abfall Ltd. St. Gallen/Switzerland www.bfka.ch	<i>Managing Director, Engineer and Consultant</i> Project manager and senior expert in the areas of solid waste and resources management in Switzerland and Austria
1988-1991	UNICEF United National Children Foundation Kathmandu/Nepal www.unicef.org	<i>Head of CSTU "Central Sanitation and Training Unit" within the "Water Supply and Environmental Sanitation Section"</i> Coordinator for the area of environmental sanitation and training; development of sector policy of UNICEF and of technical guidelines and training

Countries of working experience

Switzerland, Germany, Austria; Colombia, Peru, Chile, Cuba, Brazil, Ecuador, Costa Rica; Nepal, India; Morocco, Rwanda, Kenya, Ghana

Selected Projects

- * **PROJECT MANAGER AND SENIOR EXPERT "Sustainable Recycling Industries Programme Phase II" (2019-23):** Responsible for planning and programme implementation, Senior Technical Expert in baseline assessments, stakeholder engagement, development of recycling solutions, train-the-trainers, business development; Client: Swiss State Secretariat for Economic Affairs SECO; www.seco-cooperation.ch and www.sustainable-recycling.org
- * **PROJECT MANAGER AND SENIOR EXPERT "Sustainable Recycling Industries Programme Phase I" (2013-218):** Responsible for planning and programme implementation, Senior Technical Expert in baseline assessments, stakeholder engagement, development of recycling solutions, train-the-trainers,

business development; Client: Swiss State Secretariat for Economic Affairs SECO; ; www.seco-cooperation.ch and www.sustainable-recycling.org

- * **PROJECT MANAGER "E-RECMET Recycling of Critical Metals from Waste Electrical and Electronic Equipment" (2013-15):** Evaluation of recycling options for critical metals contained in e-waste in Switzerland; Client: Swiss Association for Information, Communication and Organizational Technology; www.swicorecycling.ch
- * **PROJECT MANAGER "FLAT PANEL DISPLAY DISPOSAL IN SWITZERLAND" (2009-10):** Evaluation of recycling options for flat panel display monitors in Switzerland; Client: Swiss Association for Information, Communication and Organizational Technology; www.swicorecycling.ch
- * **PROGRAMME MANAGER AND SENIOR EXPERT "E-WASTE PROGRAMME LATINAMERICA" (2007-2009):** Strategic planning, program development, monitoring and evaluation
Client: Swiss State Secretariat for Economic Affairs www.seco-cooperation.ch
- * **LEADING AUDITOR OF THE ELECTRONIC WASTE RECYCLING SCHEME OF SWICO SWITZERLAND (since 2005):** Auditing of Swiss E-waste Recycling companies based on SN EN 50625 Series of Norms;
Client: Swiss Association for Information, Communication and Organizational Technology
www.swicorecycling.ch
- * **CONSULTANT FOR THE EVALUATION OF URBAN SOLID WASTE PROGRAMME IN LA HABANA/CUBA (2007):** Teamleader of tripartite mid-term evaluation of the program;
Client: United Nations Industrial Development Organization Vienna/Austria; www.unido.org
- * **SENIOR EXPERT "CLEANER PRODUCTION PROGRAM COLOMBIA" (2001-2012):** Capacity building and technical assistance in the area of Eco-efficiency and Cleaner Production; www.cnpml.org
Client: Swiss State Secretariat for Economic Affairs www.seco-cooperation.ch
- * **PROGRAM MANAGER "CLEANER PRODUCTION PROGRAM PERU" (2002-2009):** Overall management of the program, capacity building and technical assistance in the area of Eco-efficiency and Cleaner Production; Client: Swiss State Secretariat for Economic Affairs www.seco-cooperation.ch
- * **PROGRAM MANAGER "CANTERA VERDE PROGRAM" COLOMBIA (1998-2000):** Development of approach, basic design, set-up and methodology of National program for the improvement of the environmental performance of the aggregates extractive industry in Colombia
Client: Centro Nacional de Produccion Más Limpia y Tecnologías Ambientales Medellín/Colombia
www.cnpml.org
- * **PROJECT MANAGER NATIONAL STUDY ON LANDFILL PLANNING IN SWITZERLAND (1999):**
Overall study on capacities and market situation of existing landfills for residuals of waste incineration plants;
Client: Swiss Office for Environment BAFU www.bafu.admin.ch
- * **PROJECT MANAGER OF CONSORTIUM FOR ELABORATION OF SOLID WASTE MANAGEMENT PLAN FOR THE DISTRICT OF ST. GALLEN (1997-1998):** Overall site planning study, conceptual framework for a future landfill management; Client: Environmental Authority of the District of St. Gallen www.afu.sg.ch
- * **PROJECT MANAGER FOR OVERALL SOLID WASTE COLLECTION AND TRANSPORTATION SCHEME IN THE REGION OF SOUTHERN GRAUBÜNDEN (1997):**
Conceptual and economical study on different collection, reloading and transportation techniques for long distance transportation to solid waste incineration
Client: Regional Waste Association Oberengadin Authority Oberengadin www.abvo.ch
- * **MODERATOR OF A WORKSHOP OF THE BOARD OF DIRECTORS OF KEZO/HINWIL FOR THE ELABORATION OF A MISSION STATEMENT (1999):** Moderation of two full day workshops; www.kezo.ch
- * **MODERATOR OF A WORKSHOP OF PRIVATE AND PUBLIC STAKEHOLDERS IN CONSTRUCTION WASTE MANAGEMENT AND RECYCLING IN THE DISTRICT OF THURGAU/Switzerland (1999):**
Moderation of two full day workshops; Client: Environmental Authority of the District of Thurgau
www.umwelt.tg.ch
- * **PROJECT MANAGER FOR THE FINALISATION AND RECULTIVATION OF MUNICIPAL WASTE LANDFILL IN FLIMS/GRAUBÜNDEN (1996-1999):**
Project planning and implementation, including sealing up, gas collection and treatment
Client: Community of Flims www.gemeindeflms.ch

- * **PROJECT MANAGER FOR CONTAMINATED SOIL REMEDIATION STUDY IN WERDENBERG/SWITZERLAND (1995-1997):**
Site evaluation and pollution risk assessment study
Client: Environmental Authority of the District of St. Gallen www.afu.sg.ch
- * **PROJECT MANAGER OF WASTE MANAGEMENT PLANNING FOR THE DISTRICT OF GRAUBÜNDEN/SWITZERLAND (1991-1997):**
Technical and economical advisory services to district and regional authorities on waste collection, transportation logistics and incineration; Client: Environmental Authority of the District of Graubünden www.afu.gr.ch
- * **PROJECT MANAGER OF WASTE MANAGEMENT PLANNING FOR THE DISTRICT OF ST. GALLEN/SWITZERLAND (1993-1997):**
Incineration capacity planning, waste reduction and recycling schemes and landfill evaluation study and planning; Client: Environmental Authority of the District of St. Gallen www.afu.sg.ch
- * **PROJECT MANAGER FOR OPTIMIZATION OF WASTE MANAGEMENT IN THE AREA OF LOWER ENGADIN (1996-1999):**
Collection and transportation scheme improvement, organizational and financial review of regional waste management; Client: Pro Engiadina Bassa www.peb-crvn.ch
- * **ENVIRONMENTAL IMPACT STUDIES (1991-1997):**
various; mainly on waste management facilities (landfills, composting plants, recycling facilities and others)
- * **ECONOMIC ASSESSMENTS IN SOLID WASTE MANAGEMENT (1991-1997):**
various, mainly on transportation, waste incineration and landfill management
- * **CONSULTANT FOR THE CONTINUATION OF THE COMMUNITY WATER SUPPLY AND SANITATION PROGRAMME IN THE WESTERN REGION OF NEPAL (1991);**
Client: Swiss Agency for Development and cooperation SDC www.sdc.admin.ch
- * **PROJECT MANAGER UNICEF "COMBINED EVALUATION OF SEMI-URBAN SANITATION PROGRAM AND EAST CONSULT'S SANITATION ACTION PROGRAM" NEPAL (1990):** Preparation of terms of reference for external consultancy; project guidance and supervision
- * **PROJECT MANAGER UNICEF "WOMEN INVOLVEMENT AND SANITATION IN COMMUNITY WATER SUPPLY AND SANITATION PROGRAM (CWSS)" (1991):** Preparation of terms of reference for an evaluation study
- * **MEMBER NATIONAL TASK FORCE ON SANITATION NEPAL (1990-1991):** UNICEF representative in the national task force for the development of a national policy on sanitation
- * **ASSISTANT PROJECT MANAGER UNICEF "TARAI TUBEWALL PROGRAM" (1990):** Development of the sanitation and training component
- * **ASSISTANT PROJECT MANAGER UNICEF "URBAN BASIC SERVICES PROGRAM" NEPAL (1989-91):**
Elaboration of conceptual framework for the sanitation, solid waste and drainage component of the UBS Program in 4 major towns.
- * **PROJECT MANAGER OF ENVIRONMENTAL IMPACT STUDY OF FOUR HAZARDOUS WASTE LANDFILL SITES IN SWITZERLAND (1986-1988):**
Elaboration of approach and methodology, responsible for project implementation
Client: Swiss Office for Environment BAFU www.bafu.admin.ch

Languages

	Speaking	Reading	Writing
German		mother tongue	
Spanish	Very good	Very good	Very good
English	Very good	Very good	Very good
French	fair	fair	fair

Membership of professional bodies

WEEE Forum, Member Operations Committee, www.weee-forum.org

STEP - Solving the e-waste problem, Member of Supervisory Committee, www.step-initiative.org

IWWG - International Waste Working Group, Member, www.tuhh.de/iue/iwwg

Teaching

University of Applied Sciences Rapperswil (HSR), WERZ Institute for Knowledge, CAS Recycling und Entsorgung / lecturer (in German);

ETH Zürich, Sustainable Materials Management: Concepts, Methods and Principles / lecturer

Supervisor of Master theses at ETH, University of Applied Sciences Northern Switzerland in the area of Waste Management

Conference presentations, publications and references

On request