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Martin Boelli

Renewable Energy and Energy Efficiency Specialist

[Swiss Small Hydro](#) (Swiss Small Hydropower Association), Managing Director



Areas of expertise

- technical and environmental assessments of renewable energy systems
- improvement of frame conditions for an increased utilisation of renewable energy resources
- planning, design and capacity building

Martin's short CV

Martin Boelli is Environmental and Electrical Engineer and works as an expert on renewable energy and energy efficiency since 2004. His main activities are planning, design, capacity building, technical and environmental assessments of renewable energy systems (with a strong focus on small hydropower) and the improvement of frame conditions for an increased utilisation of renewable energy resources.

Key data

Qualification (Institute)	Certificate of Advanced Studies (CAS) ETH in Development Cooperation (Swiss Federal Institute of Technology Zurich (ETH), NADEL, Zurich / Switzerland) Exec. Master of Environmental Technology and Management (University of Applied Sciences / Institute of Environmental Technology, Muttenz / Switzerland) Electrical Engineer FH (University of Applied Sciences, Rapperswil SG / Switzerland)
Working languages	German (native), English, Spanish, French
Nationality	Swiss
Years of Experience	20
Country experience and regional expertise	Sub-Saharan Africa: Cameroon, Liberia, Ghana, Ethiopia, Uganda MENA: Jordan, Tunisia, Yemen Asia: Azerbaijan, Laos, Nepal, Vietnam, Indonesia Americas: St. Vincent and the Grenadines

Selected projects,
roles, achievements
and publications

- Several Mandates and expertise about Small Hydropower for the Swiss Federal Office of Energy, expert
- [Swiss Small Hydro](#) (Swiss Small Hydropower Association), Managing Director
- Support of the Tunisian Drinking Water Provider SONEDE in the development of hydro power systems in their network, expert
- Reuse of Treated Wastewater for Irrigation Purposes in the Northern Jordan Valley: Small Hydropower Feasibility study, Tender Design and Documents, Evaluation, expert
- Support in construction, operation and maintenance of Micro Hydropower Plants (MHP), Cameroon, expert
- Workshop on the ECOWAS Scale-Up Program for Small-Scale Hydro Power in Monrovia, Liberia, expert
- Set-up of a small hydropower competence centre in Indonesia, expert
- Poverty Oriented Grid Extension Project POGE, Ghana, Rural Electrification Expert
- Small Hydropower Promotion Program SHPP, Nepal, Expert: Development of a Power Exchange Agreement for the grid connection of isolated minigrids in Nepal
- Access to Modern Energy Services, Ethiopia (AMES-E): Consultancy to the Ethiopian Ministry of Mines and Energy for the development of new Energy Policy Framework Conditions, Baseline Study of the Ethiopian Energy Sector with focus on rural electrification by the use of small hydropower and photovoltaic, taking solar-thermal applications into consideration
- Azerbaijan Renewable Energy Project: Screening and assessments of different SHP sites
- [Swiss Federal Office of Energy](#) (SFOE)
- [Swiss State Secretariat for Economy](#) (SECO)
- GIZ
- [Swiss Development Cooperation SDC](#)
- KfW
- Asian Development Bank ADB
- UNDP
- UNIDO
- Worldbank
- [Swiss Small Hydro](#)
- [Swiss Small Hydro](#), Swiss Association of Small Hydropower, Managing Director (www.swissmallhydro.ch)
- [AEE SUISSE](#), Umbrella organisation of the Swiss economy of renewable energies and energy efficiency, Member of the Board (www.aeesuisse.ch)
- [International Small Hydropower Practitioner Conference](#), Member of the advisory board
- Hydroenergia Conference and Exhibition 2010 in Lausanne, Switzerland: Member of the International Scientific Committee and Chair Person

Key clients

Affiliations and
networks

