

PERSONAL INFORMATION

Rainer Stifter - Senior-level expert



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Sex Male | Date of birth 23/10/1968 | Nationality Austrian

WORK EXPERIENCE

2001 - present

CEO

Energon, Vienna (Austria) www.energon.eu

- Expert in green economy, Circular Economy, Eco-Innovation, energy and resource efficiency in the tourism industry and processing industry, and implementing the EU Ecolabel for accommodation services/products in several EU member states, implementing the Austrian Ecolabel for hotels, mountain huts, camp sites, schools and green events (16 years)
- Implementing Energy Management Systems (ISO50001) at various industrial sites in Austria and worldwide (EN16001 for 5 years, ISO50001 for 12 years)
- Organising and conducting ISO50001 training for GTZ, EBRD, UNIDO and ISO in Africa, Europe, the Caribbean, Asia and the Middle East (10 years)
- Implementing ISO50001 in Cities for the first time worldwide: In Austria (Eisenkappl) and Russia (Naberezhnye Chelny), including training, awareness raising, policy support and development of support schemes (10 years)
- Green procurement, Life Cycle Analysis of several hundred Eco-Labelled products, supporting green businesses by establishing "Ecoporio," a dealer in certified environmentally friendly goods at EU level (7 years).
- Developing training materials for energy efficiency, environmental and waste management, conducting numerous specific energy management training programmes worldwide (13 years)
- Resource efficiency and circular economy initiatives (UNIDOs Industrial and Municipal Resource and Energy Efficiency; EU SwitchMED) (6 years)
- Development of national auditor certification schemes, defining energy auditor competencies and developing and organising training courses to qualify energy auditors (7 years)
- Project evaluation including applications, interim and final reports for LIFE, LIFE+, Eco Innovation, Horizon2020, Horizon Europe, the Leonardo da Vinci Programme, Erasmus+ (mobility, adult education, school education) and the Austrian Research Promotion Agency (industrial energy efficiency, new technologies, applied research), review of technical documents (14 years)
- In depth understanding of European Commission, UNIDO, EBRD, IFC, GTZ procedures (11 years). In depth knowledge of EU environmental policies (14 years)
- Resource efficiency in the tourism industry with over 140 hotels/campsites/mountain huts/events supported/audited under the EU/AT Ecolabeling scheme in EU27 (14 years)
- Sound experience in development of intl. EE, RE as well as environmental projects (19 years)
- Design and implementation of governmental support schemes (Consulting Service Energy Efficiency grant) (7 years)
- Developing and evaluating Renewable Energy and Energy Efficiency credit lines for Armenia, Georgia, Kirgizstan, Moldova, Serbia, Ukraine, Iran, comparative analysis of best practices (14 years)
- Capacity Building projects for Energy Agencies and Municipal Energy Managers in transition countries (5 years)
- Team leader for international project groups for EE and RE projects (19 years)
- Work experience in Europe, Russia, Asia, Middle East, Africa

2009–ongoing **Implementing the Austrian Ecolabel at several hundred tourist accommodation services in Europe (excerpt from 2020-2024)**

- Familienhotel Hinteregger
- Hotel Lärchenhof
- Aigner Appartements, Ski- und Berghütten
- BLEIB BERG F.X. Mayr Retreat
- Blumenhof Elfi
- Das Katschberg
- Das Leonhard - Naturparkhotel am Weissensee
- der daberer. das biohotel
- Falkensteiner Hotel Cristallo
- Falkensteiner Hotel Sonnenalpe
- Ferienhof Obergasser & Pension Bergblick
- Ferienwohnungen Knaller-Möd
- Frühstückspension Bergnest und Appartementhaus Speckalm
- Gartenlodge Auszeit
- Haus Jakober
- Haus Waldfriede
- Heidi-Hotel Falkertsee
- Hotel Bergschlössl
- Hotel Garni OGRIS AM SEE
- Hotel GUT Trattlerhof & Chalets****
- Hotel Landhaus Streklhof
- Hotel Samerhof ****S
- Hotel Winkler-Tuschnig
- Hotel zum Weißensee
- Hüttentraum Katschberg
- Kärnten Apartment Turnersee
- Katschberg Lodges
- LACUS . Hotel am See
- Landhaus Nepo - Alice Nepo
- Naturel Hotels & Resorts Dorf SCHÖNLEITN****
- Naturel Hotels & Resorts Dorf SEELEITN***
- Neusacherhof
- Pension KAMENHOF
- ROBINSON Club Landskron
- Seehotel Hoffmann
- Seehotel Kärntnerhof
- Theresienhof - Urlaub mit Herz

2022–ongoing	<p>Auditing green theatres following the Austrian Ecolabel</p> <p>Sustainable theatres with the Austrian Ecolabel are focussing on sustainability, ecology, conscious use of resources and socio-political responsibility in their daily management as well as in the planning of their exhibitions. We supported the following organisations:</p> <ul style="list-style-type: none"> ▪ Staatsoper Wien ▪ Burgtheater / Akademietheater Wien ▪ Bühne Baden ▪ Grazer Spielstätten ▪ Konzerthaus Klagenfurt ▪ Oper Graz ▪ Raimundtheater Wien ▪ Salzburger Festwochen ▪ Volksoper Wien
10/2022–12/2024	<p>Reducing Climate Impact of the Tourism Destination Weissensee https://www.naturparke.at/naturparke/kaernten Naturparke Carinthia (Austria) Energy Efficiency and CO2-Footprint</p> <p>The primary objective is to conduct energy audits in 16 hotels in compliance with EN 16247, reduce fossil fuels dependency, increase share of renewables, develop carbon footprints, certify the hotels with the Austrian Ecolabel, improve energy performance and develop a roadmap for a tourism destination which has the lowest possible carbon footprint. This also includes practical steps to manage events following the Austrian Ecolabel for green events, strengthen public transport and reduce private mobility. This also includes to co-operate with E5 municipalities (network of energy efficient municipalities and towns).</p>
12/2021–ongoing	<p>Austrian Ecolabel for Schools and Kindergartens Austrian Ministry of Environment Resource Efficiency</p> <p>The primary objective is to support teachers and administration staff applying for the Austrian Ecolabel for Schools and implementing its criteria. This includes regular staff training in the area of energy and resource efficiency, waste separation, chemical usage, environmentally friendly canteens and restaurants, training and behaviour change of pupils to reduce single use plastic products, increase the share of public transport, and a change of life style to reduce carbon footprint. This work also includes external audits of schools and kindergartens to verify environmental performance.</p> <ul style="list-style-type: none"> ▪ Naturparkkindergarten Stockenboi ▪ Naturparkkindergarten Sumsiland – Weissensee ▪ Kinderkarten Villach Völkendorf
07/2021–ongoing	<p>Certifying green events Greenovation (Austria); NLW Marketing (Austria); Semmler Entertainment (Austria); Region Mittelkaernten (Austria); Verband der Krankenanstalten (Austria) Resource Efficiency</p> <p>The primary objective is to certify events such as conferences, festivals and concerts with the Austrian Ecolabel for green events/meetings. This includes to give preference to regional suppliers, avoid single use plastic products, organise public transport and reduce private traffic to/from the event,</p>

organise waste separation, reduce negative impact on landscapes.

- Greenovation – Fest am Klimaberg Katschberg
- NLW – Schiopening Nassfeld mit Melissa Naschenweng
- Region Mittelkärnten – Tourismusevent
- Sementainment – One Republic
- Verband der grünen Krankenhäuser - Krankenhaustag

02/2021–10/2022 **Carbon Free Tourism Destination Katschberg (www.klimaberg.at)**

Hinteregger Hotels (Austria)

Energy Efficiency and CO2-Footprint

The primary objective is to conduct energy audits in 55 hotels in compliance with EN 16247, develop carbon footprints, certify the hotels with the Austrian Ecolabel, improve energy performance and develop a roadmap for a Carbon Free tourism destination by 2030. This also includes the development of a methodology to capture carbon in soils and develop a strategy to reduce private traffic.

03/2021–12/2022 **Development a by-law for the North Macedonian Law on Energy Efficiency**

UNOPS

Energy Efficiency for Large Industries

Coordinate and supervise the work on the development of two rulebooks for energy efficiency for large enterprises in line with EN16247 and ISO50001 to impose an obligation on large enterprises to conduct regular energy audits every four years. In addition, the framework conditions for energy auditor training and follow-up training were defined.

02/2019–05/2020 **Mexican Certification and Accreditation Scheme for ISO50001**

UNIDO, (Mexico)

Strengthening of human resources for an energy certification scheme for energy auditors and energy managers

The primary objective was to enable the implementation of Energy Management Systems (EnMS) in industries in Mexico by competent energy professionals. This task included the development of quality requirements for internal energy auditors for ISO50001 energy management systems, the development of a curricula and training materials and the organisation and implementation of training activities in Mexico City. In addition, a national standard was developed to provide the legal basis for implementing a national certification scheme.

09/2016–09/2021 **Iranian Energy Financing Facility**

UNIDO, (Iran)

Implementing Agent

4.5 million Euro credit line that is targeting Iranian companies in all sectors, which intend to invest in energy efficiency or renewable energy projects. Under this facility technical, economic & financial analysis of proposed projects is performed. Furthermore, a general analysis of available financial schemes in Iran, available and proposed by other IFI were performed, in order to identify the competitiveness on the market. Several meetings with local Iranian banks were held on this topic in Teheran. Financing needs to be performed under Islamic banking rules.

2010–2019 **ISO 50001 Lead Auditor Trainer**

ISO Central Office, (Croatia, Bosnia, Montenegro, Lithuania, Senegal, South Africa, Barbados, India,

Sri Lanka, Tunisia, Vietnam, Lebanon, Uganda, Saudi Arabia, Egypt, Palestine)

Energy Management System (ISO50001)

Conducting several training sessions on ISO50001 for staff of standard bodies, auditors, representatives of industries and consultants. This training is organised by the ISO Central office and considered as the official ISO lead auditor training.

01/2011–Present **Consultant ISO50001**

Constantia Industries, Jungbunzlauer, F/List; Muenze Oesterreich

Energy Management System (ISO50001)

Implementation of an Energy Management System in three industrial sites at FunderMax (Constantia industries) following ISO50001. The system was certified first in July 2011 by Quality Austria. Implementing EnMS at Jungbunzlauer, the system was certified in September 2015 by Lloyd's Register. Implementing the system at List, the system was certified in September 2020 by TÜV Süd. Implementing the system at Münze Österreich.

09/2013–12/2021 **Energy/Environmental Expert**

Private Hotels, (Italy)

Resource Efficiency and implementation of the EU Ecolabel in the Italian Vitalpina hotel group

Conducting several audits and implementing the EU Ecolabel in all hotels of the hotel group www.vitalpina.info. In addition, monitoring and benchmarking was introduced and staff was trained on energy efficiency, detergents usage, waste reduction and water management. Long term strategies have been implemented to improve environmental and energy performance and to increase guest comfort.

01/2013–05/2014 **Reducing Greenhouse Gas Emissions through improved Energy Efficiency in the industrial Sector in Moldova**

UNIDO, (Moldova)

Strengthening of human resources for an Industrial Energy Efficiency Program

The primary objective was to support the Moldovan Agency for Energy Efficiency (MAEE) to implement an Industrial Energy Efficiency Monitoring, Verification and Benchmarking Program with particular focus on large energy users, a Best Practice Information and Dissemination Program, a Best Practice Recognition Program and an Energy Manager Certification Program.

09/2008–present **Consultant ISO50001**

Infineon

Energy Management System (ISO50001)

Implementation of an Energy Management System at Infineon Austria and supporting the implementation process at Infineon Munich and Dresden. The system was certified in 2013. Ongoing technical support in the area of electrical engineering, HVAC and performance monitoring.

01/2008–Present **EU / AT Ecolabel Expert**

Private Hotels, Camp sites, Schools, green events

Resource Efficiency and implementation of the EU Ecolabel in over 100 hotels & camp sites

Conducting several audits and implementing the EU Ecolabel in hotels, camp sites, mountain huts, schools and for green events. In addition, monitoring and benchmarking, staff training, energy efficiency measures, detergents usage, waste reduction, water management and green mobility. Long term strategies have been implemented to improve environmental and energy performance.

- 2014–Present **Evaluator**
LIFE+ , Horizon2020
Project evaluation for LIFE+, LIFE program and Horizon2020 / Horizon Europe
Independent expert, Evaluation of projects submitted to various programs in the field of Climate Actions and Resource efficiency and in the field of energy
- 2008–Present **Evaluator**
Austrian Research and Promotion Agency, (Austria)
Project evaluation for the Austrian Research and Promotion Agency
Independent expert evaluation of several Research Energy Projects submitted to the Austrian Research and Promotion Agency for financial support: energy efficiency projects, renewable energy projects, e-mobility projects, projects in the field of energy efficiency in buildings etc. Projects to be evaluated at all project stages
- 2004–Present **Evaluator**
Leonardo da Vinci Agency / ERASMUS+
Lifelong learning
Project evaluation in the framework of lifelong learning, including the financial evaluation.
Projects will be evaluated during all project stages. This includes the qualitative evaluation of the project documentation, the selection of projects and recommendation for final approval. During the lifetime interim and final reports as well as financial reports will be approved.
- 09/2015–12/2017 **Resource Efficiency and Energy Management System Expert**
Naberezhnye Chelny, (Russia)
Implementing ISO 50001 in the Russian city of Naberezhnye Chelny, awareness raising for Resource Efficiency and promotion of sustainable development
The Russian city of Naberezhnye Chelny has nearly 2 Mio inhabitants and takes several initiatives to improve resource efficiency at municipal, industrial as well as private inhabitant level. Rainer Stifter supervises this initiative with the support of local counterparts and under the umbrella of UNIDO. Activities include the energy audit of buildings and industrial processes, training of municipality staff, awareness raising activities for improved resource efficiency, on site audits of public buildings (hospitals, schools, kindergartens, water supply), support of local politicians in policy making and development of grant development schemes.
- 09/2015–12/2018 **SwitchMed Eco-Innovation Expert**
UNIDO, (Mediterranean)
Eco-Innovation Transfer of Best Practice
The SWITCH-Med initiative is a Regional programme supported by the EC to mainstream Sustainable Consumption and Production (SCP) in the Mediterranean region. Main duties involved the screening of general outcomes of the projects financed by EU-Eco innovation programme and BEST LIFE ENV projects with the aim to identify and profile eco-innovative technologies/business models ready to market uptake in 4 countries of the Southern Mediterranean Region (Egypt, Lebanon, Tunisia and Morocco). This activity led to B2B, road shows activities in the four countries targeting local entrepreneurs and organizations which were organised in co-operation with national teams.
- 2010–2017 **MoSEFF**

European Bank for Reconstruction and Development, (Moldova)

Moldovan Sustainable Energy Financing Facility (MoSEFF), Verification Consultant

MoSEFF (www.moseff.org) is a 20 million Euro credit line that provides on-lending in sustainable energy projects in Moldova. Under MoSEFF the quality of technical assistance provided by the project Consultant will be independently monitored and the successful implementation of completed projects against technical and/or other loan documentation verified (e.g. Energy Audit reports, Energy Performance Assessment reports, etc.). Further the level of grant (incentives) to be paid by the partner banks to the sub-borrower after the project is successfully completed (5-20% grant component) will be confirmed.

Economic and financial analysis of energy project performance after implementation is part of the Consultant's evaluation, in order to ensure targeted utilization of loans disbursed to the companies.

2010–2016 **ArmSEFF**

European Bank for Reconstruction and Development, (Armenia)

Armenian Sustainable Energy Financing Facility (ArmSEFF)

ArmSEFF (www.armseff.org) is a 20 million Euro credit line that is targeting private Armenian companies in all sectors, which intend to invest in energy efficiency or renewable energy projects. Under ArmSEFF economic & financial analysis of proposed projects is performed. Furthermore a general analysis of available financial schemes in Armenia, available and proposed by other IFI were performed, in order to identify the competitiveness on the market. Several meetings with local Armenian banks were held on this topic in Yerevan.

As part of the initiative general situation in the Armenian energy sector was analyzed and evaluation of commercialization of energy efficiency programmes, their financing schemes, rates, budgeting, attractiveness.

2008–2016 **Energy Expert**

Austrian Chamber of Commerce, (Ukraine, Russia)

Implementation of Energy Management System ISO50001

Training for the implementation of Energy Management Systems in Kiev (Ukraine), in Kazan and Tomsk (Russia)

09/2012–05/2013 **Energy Expert**

IFC/Private Hotels, (Maldives)

Energy and Resource Efficiency in Resorts and Hotels

Conducting several full energy & environmental audits in luxury resorts on the Maldives. Audits include electricity generation, fresh water preparation, guest and staff facilities, laundry, pools and wellness areas, kitchens, waste generation. Audits include site inspections and measurements of existing energy systems as well as thermal solar collectors. Tailored training will help staff on site to monitor energy consumption and to implement savings to reach long term effects

04/2011–04/2013 **Consultant**

UNIDO

International Consultant in Energy Management Systems (ISO50001) and Industrial Energy Efficiency

Participation in the UNIDO Industrial Energy Efficiency (IEE) Programme; Leading and participating in the Peer Review Process "Finalization and publication of the UNIDO Training Packages on Energy Management Systems and Energy System Optimization"

Develop a Monitor and Verification framework for IEE projects and the UNIDO Programme

Develop/define energy efficiency and energy management indicators at the enterprise and project level tailored to the type of interventions/measures supported by the UNIDO EnMS-SO projects and instrumental to fulfil internal and external reporting requirements regarding project performance and impact

01/2011–04/2014 **Consultant**

UNIDO

Reducing Greenhouse Gas Emissions through Improved Energy Efficiency in the Industrial Sector in Moldova

Guiding, assisting and supervising the Moldova Agency for Energy Efficiency (MAEE) in establishing and developing a monitoring, verification and benchmarking system, in establishing an Industrial Energy Efficiency Best Practice Information Program, in establishing a national Energy Manager Certification Program. Supporting Regional Energy Managers in Implementing Energy Efficiency Projects.

09/2010–08/2012 **Consultant**

Municipality Bad Eisenkappel

Energy Management System (ISO50001)

Implementation of an Energy Management System in the Austrian municipality of Bad Eisenkappel. The system was certified by TÜV Süd in July 2012. Activities included on site energy audits, training of staff, awareness raising activities for inhabitants, media relations and support of politicians on how to improve resource efficiency.

01/2009–12/2010 **Energy Expert**

Climate & Energy Fund

Technical and Consultation Services in Frame of the Energy Efficiency Check

Technical evaluation, establishing and managing a national support scheme in which 3500 grants were provided to consultants for energy efficiency analysis, including the evaluation of technical reports (www.kmu-scheck.at)

“Energy Efficiency Check”, an Austrian Programme developed for SMEs, in order they can reduce their energy consumption. About 1100 Energy Audit reports were verified for accuracy and findings reported to the programme management. The aim of the initiative “Energy Efficiency Check” is to decrease the energy intensity of small and medium sized enterprises in Austria.

07/2009–08/2009 **Trainer**

GTZ, (Pakistan)

Energy Management System & Industrial Energy Efficiency

Organising and conducting training on En16001 and industrial Energy Efficiency for a group of Pakistani engineers from GTZ REEE program. The training was carried out in Vienna, Austria. (contract No 81115943)

2008–2011 **Energy Expert**

European Bank for Reconstruction and Development, (Ukraine, Armenia)

Implementation of Energy Management System EN16001

Training for the implementation of Energy Management Systems in several industrial sites in Armenia (Yerevan)

2006 **Energy Expert**

European Bank for Reconstruction and Development, (Georgia)

Market Study on Energy Efficiency and Renewable Energy Credit Lines for Georgia

The survey has shown that there exists substantial potential for energy efficiency ("EE") improvements in Georgia, where the energy intensity is just under three times that of the OECD average. This potential is driven by increasing energy prices coupled with out-dated and inefficient equipment. Since 2007 the EBRD is implementing Sustainable Energy Financing Facility in Georgia – "GEEP".

2006 **Team leader**

European Agency for Reconstruction, (Serbia)

Technical Assistance and market Evaluation in Serbia

Technical assistance in order to assist the EBRD in the development of two dedicated credit lines ("CLs") for energy efficiency and renewable energy projects in Serbia in the industrial and residential sector. The content of the market study included the following:

Industry

- overview of energy sector, regulatory framework
- market potential
- dynamic market model
- attitude survey among prospective end-users

Residential sector

- overview of energy efficiency
- household's current energy consumption
- energy efficiency goods and services

lending sector overview

04/2004–09/2011 **EU Ecolabel Expert**

EU Commission, DG Environment, (EU27)

Environmental PR and PR for the EU Eco label

Capacity building in CEE countries for the EU Ecolabel and EU policies. During several projects and over a period of 7 years training and seminars were organised and conducted on the implementation of the EU Ecolabel for tourism and other product groups. During these trainings the EU Ecolabel was implemented around 50 times in different hotels/guest houses/resorts all over Europe. Auditors and national Competent Bodies were trained on the criteria and the evaluation procedures to harmonise European standards and practices. www.euecolabel.eu

2004–2011 **Expert/Team leader**

EU Commission, DG Environment, (EU27)

Environmental PR and PR for the EU Eco label

Capacity building in CEE countries for the EU Ecolabel and EU policies. Capacity building in EU countries for the EU Ecolabel including direct support for ministries, hotels and companies to apply with the EU Ecolabel criteria and achieve certification.