

PERSONAL DATA

Peter Bevk



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🌐 <https://www.linkedin.com/in/peter-bevk-8b407a1ab/>

Sex Male | Date of birth 01.04.1983 | Citizenship Slovene

DESIRED EMPLOYMENT

WORK EXPERIENCE

2014 – in role

Energy Design | Founder & Principal Energy Consultant

Building Energy Optimization Consultant | Feasibility Studies | Energy Audits | District Heating

- Comprehensive energy consulting projects, including **advanced energy audits** with implementation-focused prioritization of technical and financial improvement measures.
- Directed feasibility studies and **cost-optimization strategies** for multi-dwelling residential complexes, specializing in **district heating system installed power reduction** and operational efficiency improvements.
- **Strategic district heating development studies** for multi-dwelling residential communities, providing the technical and economic basis for long-term infrastructure and energy management decisions.
- Developed **correction factor studies** for fair heat cost allocation based on apartment location and positional characteristics within multi-residential buildings.
- Conducted thermographic inspections (thermovision) to identify hidden thermal losses, thermal bridges, and building envelope inefficiencies.
- Delivered Energy Performance Certificates (**EPC**) for residential and commercial/service-sector buildings in compliance with national regulatory frameworks.
- Prepared and managed **public-sector energy renovation funding applications** (JOB 2018-2022, OP EKP 2021–2027), ensuring technical eligibility and strategic alignment with subsidy requirements.

2017 – 2023

Energy Performance Contracting Specialist | Public Sector, RES & Energy Optimization

Specialized in delivering technically complex public sector energy efficiency projects through EPC frameworks
PETROL, Slovenian Energy Company, d.d., Ljubljana

- Managed complex public-sector energy renovation projects utilizing Energy Performance Contracting (**EPC**) financing structures, integrating private-public partnerships and **EU Cohesion Fund mechanisms**.
- Identified and developed **high-impact energy efficiency opportunities** through technical, economic, and operational assessments.
- Conducted project **feasibility studies**, expert evaluations, and strategic technical advisory for **large-scale energy infrastructure investments**.
- Led the design, implementation, and quality assurance of technical solutions, ensuring compliance with contractual obligations, project timelines, and guaranteed performance outcomes.
- Project planning, budgeting, and delivery to achieve targeted cost reductions, **contractual savings guarantees**, and measurable energy performance improvements.
- Developed detailed technical-economic models, including cost-benefit analyses, ROI assessments, and lifecycle investment optimization strategies.
- Optimized capital investments to maximize financial returns, operational efficiency, and long-term energy savings.
- Evaluated **post-implementation project performance**, verifying technical compliance and achieved savings against contractual commitments.
- Supervised **risk management processes** related to guaranteed financial and energy savings delivery.
- Drove **strategic innovation development** in renewable energy systems, including photovoltaic (PV), heat pumps (HP), battery energy storage systems (BESS), and CHP integration.
- Developed strategies to maximize **BESS** (Battery Energy Storage System) value and operational integration within smart grids, microgrids, and low-voltage (LV) distribution networks.
- Developed **smart grid**, BESS, and **autonomous energy community concepts** through technical, regulatory, and socio-economic analysis to support decentralized low-carbon energy systems.

- Contributed to the development of energy flexibility strategies, demand-side management (DSM), tertiary reserve frameworks, and short-term electricity market participation (intra-day trading).
- **Developed negotiation strategies** and supported high-level contractual negotiations with public-sector contracting authorities.
- Managed **strategic relationships with partners, clients, and key stakeholders** to support business growth and project delivery.
- **Led interdisciplinary project teams** (civil, mechanical, and electrical engineering) in the development of integrated technical solutions.

2011 – 2017 Strategic Energy Projects & Policy Development Specialist

Jožef Stefan Institute, Energy Efficiency Centre (JSI-EEC), Ljubljana, www.rcp.ijs.si/ceu/

- Contributed to the preparation of **national strategic policy documents**, including the National Energy Programme (**NEP**), National Energy Efficiency Action Plan (**NEEAP**), National Renewable Energy Action Plan (**NREAP**).
- Provided technical, regulatory, and socio-economic expertise in energy efficiency, renewable energy, and environmental policy through participation in governmental development cooperation projects focused on sustainable growth, climate objectives, and institutional policy implementation.

Go Eco (Intelligent Energy Europe Programme) – Project Manager

Developed integrated energy concepts for commercial facilities within the BTC business-industrial zone. Implemented business models to achieve financial performance improvements and long-term energy savings. Designed innovative HVAC solutions, including free-cooling systems for data and server centres. Coordinated SMEs and stakeholders to support innovation and deployment of energy-efficient technologies.

- **ENERFUND** – An ENERgy Retrofit FUNDing Rating Tool (Horizon 2020) - Project manager, Development of strategic tools supporting investment and financing decisions for building stock renovation. Promoted investment opportunities through financial schemes, incentives, and market-oriented renovation funding strategies. Conducted stakeholder analysis involving ESCO companies, financial institutions, energy managers, and municipalities to support effective market implementation.

- **Elih-MED** - Energy Efficiency in Low-Income Housing (MED Programme) - Project manager Identified smart grid opportunities to support energy efficiency improvements in low-income residential housing. Developed solutions integrating control and monitoring systems to improve household energy performance. Led consumer engagement, education, and awareness activities to promote efficient energy use and understanding of smart grid benefits.

EDUCATION:

2007 – 2011

Master of Electrical Engineering –Power engineering

University of Ljubljana, Faculty of Electrical Engineering, Ljubljana, Slovenia

- Final thesis: **Demand Side Management (DSM)** and innovative power management strategies for future electricity distribution systems.
- Specialized in **power system planning and operation**, including electricity transmission and distribution, power system management, power system dynamics, power system protection.
- Developed advanced technical expertise in **energy systems optimization**, smart grid concepts, and strategic approaches to future electricity infrastructure.
- Qualification level: Master's Degree (EQF Level 7 / National Level 7).

2008 – 2009

Erasmus Exchange Programme – International EU Study Programme

Instituto Superior Tecnico, Universidade Técnica de Lisboa, Lisboa, Portugal

- Expanded academic and international expertise in distributed energy generation, entrepreneurship, and RES.

2002 – 2007

Bachelor of Electrical Engineering, Energy engineering and Process Automation

University of Ljubljana, Faculty of Electrical Engineering, Ljubljana, Slovenia

- Introduction to theoretical and practical scope of energy technology and automation.
- Built strong foundations in energy **engineering, industrial automation**, and electrical systems design.
- Developed technical competencies in **industrial energy systems, power generation, regulation and control technologies, digital controllers, and microprocessor systems**, with a strong focus on automation integration, process optimization, and energy infrastructure development.

TRAININGS

Oktober 2022/24

Expert in conducting energy audits of industrial facilities with production processes

Borzen, electricity market operator, d.o.o.

- Specialized training in advanced **industrial energy auditing**, with focus on production systems, process efficiency, and identification of strategic energy optimization opportunities

November 2021

Internal auditor - ISO 9001: 2015 & ISO 14001: 2015

Bureau Veritas d.o.o., Linhartova cesta 49a, 1000 Ljubljana

- Certified in internal auditing of quality management systems and environmental management systems.

May 2019

Rhetoric & Professional Communication Workshop

Glotta Nova, d.o.o., Ljubljana, Slovenia

- Advanced training in strategic communication, professional presentation, and stakeholder engagement.

March 2013

Qualified independent expert for energy performance certificates

Construction institute ZRMK (under authority of the Ministry for infrastructure), Ljubljana

- Certified for independent preparation and issuance of building energy performance certificates in compliance with national regulatory frameworks.

2011 – 2012

European Energy Manager – EUREM

Jožef Stefan Institute, Energy Efficiency Centre, Ljubljana, www.rcp.ijs.si/ceu/

- Advanced specialization in **corporate energy efficiency management**, including energy performance analysis, identification of savings potential, implementation of technical and organizational efficiency measures, regulatory compliance, and strategic presentation of energy efficiency initiatives to executive management.

COMPETENCES

Native language

Slovene

Other languages

	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken interaction	Spoken production	
English	C1	C1	C1	C1	C1
Spanish	A2	A2	A2	A2	A2
Croatian	C1	C1	C1	C1	C1
Serbian	C2	C2	C2	C2	B2
Portuguese	A2	A2	A1	A2	A1
German	A2	A1	A1	A1	A1

Communication skills

- Advanced client **negotiation capabilities** across technical, economic, legal, and formal aspects of energy renovation and infrastructure projects.
- Proven ability to develop and maintain **long-term client, partner, and stakeholder relationships**.
- Strong collaboration skills, effectively **connecting multiple departments** and interdisciplinary teams within organizational environments
- Extensive experience working with **diverse professional groups** in both local and international contexts.
- High-level public presentation and communication experience, including project presentations, **investment justification, negotiation support, and strategic argumentation** of technical solutions.
- Experienced in presenting **articles, studies, and professional papers** at international and domestic conferences.
- Advanced capability in preparing **highly technical reports, strategic studies**, and professional deliverables with proficient English-language communication.

Leadership skills

- Proven experience in **leading and coordinating multidisciplinary project teams** to successfully achieve strategic business and project objectives.
- Capability in **risk identification, proactive, independent problem-solving**, and implementation of corrective actions.
- High level of **precision, accountability, and responsibility** for timely and quality-driven project execution.
- Advanced expertise in **risk anticipation, evaluation and strategic management** across complex projects and business processes.

- Skilled in **project feasibility assessment**, priority setting, **strategic decision-making**, and preparation of expert evaluations.
- Strong analytical and abstract thinking abilities, capacity to rapidly understand complex systems and **connect technical, business, and strategic relationships**.
- Agility in responding to **dynamic business process requirements** and evolving project demands.
- Consistent delivery of projects with focus on **timeliness, quality assurance, long-term continuity, and sustainable development outcomes**.

Technical, Digital & Project Management Competencies

- Project platforms: JIRA™, SAP, BIM 360, Microsoft Teams
- Analytical & engineering tools: MATLAB, KI Energy (Knauf), URSA Building Physics
- Technical documentation & reporting: Microsoft Office™ Suite, Adobe, Photoshop™
Advanced Microsoft Excel (financial models, techno-economic analysis, data structuring)
Microsoft Word & PowerPoint (technical documentation, strategic reporting, executive presentations)
- Web tools: WordPress™

Other skills

- Proven success in **securing public-sector grant funding**, including Cohesion Fund support through national public tenders for municipal building energy renovation programmes (JOB 2018-2022, OP EKP 2021–2027).
- Drove **procedural innovation and process improvement**, including development of new operational tools, evaluation methodologies, and workflow optimization practices.
- **President**, Coordination Committee for International Education and Professional Internships (**KOMISP**) (2006–2009): Led strategic continuity, organizational development, and international cooperation initiatives for student and professional exchange networks.
- **Vice-President & International Internship Coordinator**, Electrical Engineering Students' European Association (**EESTEC**) (2003–2008): Managed international professional internship coordination, organizational leadership, and cross-border collaboration programmes.

Driving license

- Categories B, G and H.

ADDITIONAL INFORMATION

Publications

- Bevk, Peter, Pušnik, Matevž, Sučić, Boris: *Integrated energy concept for business parks - Case Study: Slovenian business park BTC City*, World Sustainable Energy Conference 2016, Wels, AT
- Merše, Stane, Staničić, Damir, Al-Mansour, Fouad Urbančič, Andreja, Bevk, Peter, Česen, Matjaž, Pečkaj, Marko: *Evaluation of the operation of the E-RES-CHP support scheme and expert basis for optimizing the operation of the scheme - Final Report*, 2014;
- P. Bevk, B. Sučić, M. Pušnik: *Challenges and Opportunities of Electricity Consumption Optimisation in Slovenian Households*, 4th International Youth Conference on Energy 2013, Siofok, Hungary, article, conference paper, 2013;
- A. Podgornik, B. Sučić, D. Staničić, P. Bevk: *The Impact of Smart Metering on Energy Efficiency in Low-Income Housing in Mediterranean*, Climate-Smart Technologies, Springer, 2013, pp. 597 – 614, article, conference paper;
- Bevk, Peter, Česen, Matjaž, Pečkaj, Marko, Podgornik, Aleš, Simončič, Milan: *Active programs for efficient use of electricity for households*, study, 2012;

HOBBIES AND INTERESTS

- Strong interest in emerging trends across power engineering, energy systems, and digital technologies, including e-mobility, smart grids, smart cities, renewable energy systems (RES), and digitalization.
- Active EESTEC Alumni Member (Electrical Engineering Students' European Association).
- International travel and cross-cultural exploration"
- Downhill longboarding

ANNEXES

- Certificate of completed professional education: Master of electrical engineering
- Certificate of "European Energy Manager" - EUREM
- Certificate of the independent expert for energy performance certificates (2x)
- Internal auditor of the environmental management system: ISO 14001: 2015
- Internal auditor of the quality management system: ISO 9001: 2015
- Expert in conducting energy audits of industrial facilities with production processes.



303/2011
Datum: 13.07.2011

POTRDILO

Fakulteta za elektrotehniko Univerze v Ljubljani

PETER BEVK

rojen dne 01.04.1983 v kraju PULA,

absolvent univerzitetnega študija Fakultete za elektrotehniko, opravil dne 13.07.2011 vse obveznosti iz študijskega programa:

Univerzitetni študij elektrotehnike,
Močnostna elektrotehnika,
Elektroenergetika.

Fakulteta za elektrotehniko Univerze v Ljubljani mu priznava univerzitetno izobrazbo in daje strokovni naslov

UNIVERZITETNI DIPLOMIRANI INŽENIR ELEKTROTEHNIKE

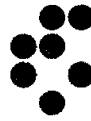
in vse s tem naslovom pripadajoče pravice.

Potrdilo velja do izdaje originalne diplome in je po 21. točki 28. člena Zakona o upravnih taksah (Uradni list RS, št. 8/00) takse prosto.



ZA Dekan:

J. Nastran
prof. dr. Janez Nastran



SPRIČEVALO

Peter Bevk

je v času od 19. oktobra 2011 do 15. junija 2012
sodeloval v izobraževalnem programu

"Evropski energetska menedžer"

V okviru izobraževanja je uspešno opravil
pisni preizkus znanja ter pripravil in predstavil
projektno nalogo.

Organizator in izvajalec izobraževanja: Institut "Jožef Stefan"
Center za energetska učinkovitost

Trajanje izobraževanja: 180 ur

Ljubljana, 15. junij 2012

mag. Silvo Škornik

Vodja sektorja URE in OVE
Ministrstvo za infrastrukturo in prostor



mag. Stane Merše

Vodja Centra za energetska učinkovitost
Institut "Jožef Stefan"

Institut
"Jožef Stefan"
Ljubljana, Slovenija



REPUBLIKA SLOVENIJA
MINISTRSTVO ZA INFRASTRUKTURO



IZKAZNICA NEODVISNEGA STROKOVNJAKA ZA IZDELAVO ENERGETSKIH IZKAZNIC

(podpis imetnika)

Peter Bevk

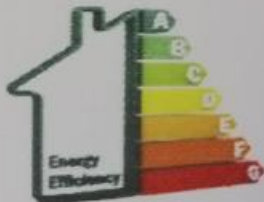
(ime in priimek)

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Zap. št.: 174

Datum izdaje: 5.7.2018

Veljavno do: Nedoločen čas



Mali pečat:

(podpis ministra)

Na podlagi 13 člena Pravilnika o usposabljanju, licencah in registru licenc neodvisnih strokovnjakov za izdelavo energetskih izkaznic (Uradni list RS, št. 6/10) in pogodbe z Ministrstvom za gospodarstvo št.: ZRMK-4301-25/2010-18-EP z dne 20.9.2011, izdaja izvajalec usposabljanja za neodvisne strokovnjake za izdelavo energetskih izkaznic naslednje



POTRDILO

Peter Bevk

rojen dne: 04.01.1983

s pridobljeno izobrazbo: univ. dipl. inž. elektr.

je dne: 21.03.2013

uspešno OPRAVIL

PREIZKUS ZNANJA ZA PRIDOBITEV LICENCE NEODVISNEGA STROKOVNJAKA ZA IZDELAVO ENERGETSKIH IZKAZNIC

Št. potrdila: 1/2013

Kraj in datum izdaje potrdila:

Ljubljana, 21.03.2013

Predsednik izpitne komisije:

dr. Marjana Šijanec Zavri

Vodja programa usposabljanja:

dr. Marjana Šijanec Zavri

GRADBENI INŠTITUT²
ZRMK d.o.o.
Publilana, Dimčeva 12

Predsednik uprave GI ZRMK:

Igor Janežič



**BUREAU
VERITAS**

POTRDILO

Peter Bevk

(ime in priimek)

se je dne 9.11.2021

udeležil(a) in uspešno opravil(a)

s e m i n a r

**ZA NOTRANJE PRESOJEVALCE
SISTEMA RAVNANJA Z OKOLJEM
ISO 14001:2015**

Ljubljana, 3.1.2022

Št. certifikata: EMS/SI/21/0866



BUREAU VERITAS
Andreja Retelj
Training Manager



QUALITY

Andreja Retelj



ENVIRONMENT



SOCIAL
ACCOUNTABILITY



**BUREAU
VERITAS**

POTRDILO

Peter Bevk

(ime in priimek)

se je dne **2.11.2021**

udeležil(a) in uspešno opravil(a)

s e m i n a r

**ZA NOTRANJE PRESOJEVALCE
SISTEMA VODENJA KAKOVOSTI
ISO 9001:2015**

Ljubljana, 3.1.2022

Št. certifikata: QMS/SI/21/2216



BUREAU VERITAS
Andreja Retelj
Training Manager



QUALITY

Andreja Retelj



ENVIRONMENT



SOCIAL
ACCOUNTABILITY

Potrjujemo, da je

Peter Bevk

uspešno opravil 40-urno usposabljanje

**Strokovnjak za izvajanje
energetskih pregledov
industrijskih objektov s
proizvodnimi procesi**

V Ljubljani, dne 28. 10. 2022


Borzēn
Borzen, d.o.o., Cunejaka n. 188, 1000 Ljubljana

mag. Borut Rajer
direktor BORZEN, d.o.o.