

Eva-Christin Ernst

Team Leader & Senior Project Manager | Renewable Energy Infrastructure

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PROFESSIONAL SUMMARY

Leadership & Development: Disciplinary Team Leadership & mentoring, Process Optimization, Operational Integration

Project Delivery & Governance: End-to-End Infrastructure Delivery, VOB Procurement, HOAI guidelines, subsidy administration

Stakeholder Management: Public-Sector Alignment, Client & Contractor Coordination, Interface Management

Technical Expertise: Renewable Heating & Cooling, CHP Systems, Heat Pumps, Solar Thermal Design, Energy Systems Engineering

PROFESSIONAL EXPERIENCE

Team Leader & Project Manager

Berliner Stadtwerke KP GmbH

— Berlin, Germany | January 2022 – Present

Leads a project management team delivering complex renewable heating and cooling infrastructure projects across Berlin's public-sector portfolio. Full responsibility for implementation governance, construction execution, commissioning coordination, operational transition, and cross-functional stakeholder alignment.

Key Achievements:

- **Team Leadership:** Manages a team of project managers overseeing construction supervision, commissioning, contractor coordination, and operational handovers across MW energy infrastructure projects.
- **Infrastructure Portfolio:** Directed project delivery across public-sector facilities including police headquarters, crematoriums, fire departments, schools, residential districts, and municipal properties.
- **Crematory Modernisations:** Successfully executed the complete energy supply modernisation of two of Berlin's largest public utility crematorium facilities (Baumschulenweg and Ruhleben) from planning through operational handover: including waste heat recovery, absorption chilling, HVAC overhaul, and subsidy administration.
- **Process & Standards:** Introduced standardised project reviews, lessons-learned formats, commissioning processes, and operational handover workflows, improving cross-departmental coordination and long-term reliability.
- **Operational Integration:** Established transition structures between development, project execution, and technical operations teams to strengthen maintainability and knowledge transfer.
- **Stakeholder Coordination:** Aligns complex environments involving public authorities, grid operators, procurement, legal departments, contractors, and operational teams.

Project Manager

Berliner Stadtwerke KP GmbH

— Berlin, Germany | April 2019 – December 2021

Independently managed complex heating and cooling infrastructure projects for public-sector and residential stakeholders, overseeing end-to-end technical delivery, operational implementation, contractor coordination, and project governance.

Key Achievements:

- **End-to-End Delivery:** Directed renewable heating and cooling projects independently across all phases: planning, implementation, stakeholder coordination, and operational handover.

- **Commercial & Schedule Management:** Full responsibility for budget oversight, schedule control, contractor coordination, and client/supplier communication.
- **Rollberg Quarter:** Single-handedly managed the circular energy system (solar thermal, multi-source heat pumps, CHP, underground seasonal storage) for the Rollberg residential quarter from contract development to final operational handover.
- **Police Headquarters:** Implemented and centralised the heating system at Friesenstraße Police Headquarters, coordinating 24/7 operational logistics with the client.
- **Operations Infrastructure:** Established foundational structures for technical operations management and supported implementation of project management software for construction projects.

Project Leader

beta GmbH

— Berlin, Germany | November 2017 – March 2019

Led the project department responsible for decentralised CHP infrastructure projects, combining technical project delivery, commercial oversight, customer management, and team leadership.

Key Achievements:

- **Department Leadership:** Assumed disciplinary and technical leadership for the project department, coordinating engineering, commercial, and operational activities.
- **Commercial & Contract Management:** Directed project cost control, economic assessments, customer contract negotiations, and supplier/service agreement procurement.

Project Engineer

beta GmbH

— Berlin, Germany | December 2015 – October 2017

Managed technical operations, modernisation projects, and regulatory compliance for decentralised Combined Heat and Power (CHP) systems across residential and commercial portfolios.

Key Achievements:

- **Plant Modernisation:** Planned and coordinated refurbishment and upgrade measures for CHP-based heating plants, including construction supervision and technical implementation support.
- **Operational Optimisation:** Developed optimisation concepts for existing energy systems, monitoring operational costs, maintenance strategies, and technical performance.

Project Engineer

Theilen Maschinenbau

— Varel, Germany | May 2014 – November 2015

Contributed to the engineering and execution of industrial drying system projects for international chemical and food processing clients, combining technical coordination, supplier management, commissioning support, and project cost control.

Key Achievements:

- **System Engineering:** Evaluated customer requirements and contributed to the technical design and sizing of industrial drying systems for global clients.
- **Commercial Coordination:** Prepared quotations, supported cost calculations, and coordinated supplier inquiries across procurement and engineering teams.
- **On-Site Commissioning:** Travelled internationally to lead system commissioning and client handovers.

EDUCATION

M.Sc. in Renewable Energy Systems

Carl von Ossietzky University of Oldenburg

— Oldenburg, Germany | October 2012 – March 2014

Final Grade: 1.70 (Very Good)

Specialised in wind systems, power forecasting, grid integration, and energy economics. Master's thesis conducted at overspeed GmbH: MATLAB-based dynamic predictive simulation of a wind-hydrogen storage system, modelling industrial-scale electrolysis and fuel cell output for grid integration in Victoria and New South Wales, Australia.

B.Eng. in Mechanical Engineering

Jade University of Applied Sciences

— Wilhelmshaven, Germany | September 2008 – March 2012

Final Grade: 1.83 (Very Good)

Specialised in HVAC design, solar thermal structures, and thermodynamics. Bachelor's thesis at the Institute for Solar Energy Research (ISFH Hameln): durability and heat transmission research on flat-plate solar collectors, including finite-element thermal simulations (Heat2).

INTERNATIONAL EXPERIENCE

Period	Role	Organisation	Location
02/2013 – 03/2013	Visiting Research Trainee	University of Victoria / IESVic — West Coast Wave Initiative	B.C., Canada
07/2007 – 04/2008	Work & Travel	—	New Zealand

PROFESSIONAL DEVELOPMENT & CERTIFICATIONS

Year	Course	Provider
11/2025	Foundations of Successful Personnel Development	Haufe Akademie
07/2025	Effective Use of ChatGPT & AI in Project Management	Haufe Akademie
11/2024	Effective Time, Self & Stress Management	Haufe Akademie
10/2024	Leading with Values – Stability & Presence	Lohmarer Institut für Weiterbildung
07/2024	Developing, Implementing, and Measuring Target Processes	Haufe Akademie
10/2023	Execution of Construction Projects (VOB/B & VOB/C)	BPM BauProjektManagement
09/2023	Rhetoric for Managers	Haufe Akademie
06/2022	Leading and Developing Teams	TÜV Nord Akademie
11/2018	(Junior) Manager & PM Core Foundations	Kommunales Bildungswerk

LANGUAGES

Language	Level
DE German	Native
GB English	Fluent (Professional)

TECHNICAL SKILLS

Energy Systems: Renewable heating/cooling, CHP, heat pumps, solar thermal, district heating, HVAC, I&C

Project Delivery: End-to-end infrastructure delivery, VOB procurement, HOAI guidelines, subsidy administration

Digital Tools: Generative AI (ChatGPT, prompt engineering), project management software, MATLAB, Simulink

Leadership: Team management, people development, process design, change management