

OZODA YULDASHEVA

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CAREER SUMMARY

Multidisciplinary sustainability and engineering professional with 10+ years of experience across mechanical engineering, environmental management, and corporate sustainability strategy. Proven expertise in sustainable energy systems, GHG emissions accounting (Scopes 1–3), life cycle and material flow assessments, and waste-to-energy technologies. Adept at translating complex environmental data into actionable ESG strategies, leading cross-sector collaborations with academia, industry, and government. Successfully advised organizations on developing sustainability indicators, carbon credit opportunities, and circular economy practices, including international partnerships in Japan, Singapore, Malaysia, and Central Asia. Recognized for mentoring future sustainability leaders, publishing impactful research, and embedding sustainability into business operations through innovation, metrics, and capacity building.

CORE COMPETENCIES

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| • Project and Operations Management | • Analytical and Problem-Solving Skills | • Coaching and Mentorship |
| • Strong organization and planning skills | • Interpersonal & Communication Skills | • Stakeholder & Customer Relations |
| • Team Leadership Skills | • Circular Economy Planning | • Languages: Japanese, Russian, English, Malay |

PROFESSIONAL EXPERIENCE

SOBONO GROUP, SINGAPORE

Principal Sustainability Officer, Mar 2025 – Sep 2025

- Led the development of the company's sustainability roadmap, integrating waste-to-energy solutions, green energy generation, and I-REC framework adoption.

Major Achievements

- ✓ Initiated and signed a Memorandum of Understanding with the National University of Singapore and three industry partners to collaborate on biomass valorization and carbon credit opportunities via biomass ash upcycling research.
- ✓ Strengthened in-house ESG capabilities by delivering training programs and mentoring junior sustainability staff and interns.

POLITECNICO DI TORINO, ITALY (BRANCH CAMPUS IN TASHKENT UZBEKISTAN)

Lecturer/Sustainability Expert, Civil Engineering and Architecture & Design, Sep 2017 – Dec 2024

- Taught Environmental Management for Industrial Activities, applying MFA and LCA to improve understanding of compliance and sustainability
- Organized field surveys and led seminars on the Sustainable Development Goals (SDGs) to promote practical engagement with global sustainability targets.

Major Achievements

- ✓ Collaborated with domestic industries to develop actionable energy and sustainability indicators, supporting data-driven decision-making and performance benchmarking.
- ✓ Coordinated Memoranda of Understanding with universities in Japan, Singapore, and Malaysia to strengthen international research collaboration and sustainability knowledge exchange.

TOYOHASHI UNIVERSITY OF TECHNOLOGY, JAPAN

Teaching Assistant, Sep 2012 – Dec 2015

- Taught seminars on Material Flow Analysis (MFA), Life Cycle Assessment (LCA), and energy flow assessment to undergraduate and graduate students, strengthening their skills in sustainability analysis and systems thinking.
- Facilitated lab group discussions to enhance student engagement and comprehension, fostering collaborative learning and critical thinking; additionally, mentored students on balancing academic demands with personal challenges.
- Established and led research programs resulting in publications in peer-reviewed international journals, contributing to the global discourse on environmental sustainability.
- Supervised undergraduate final-year projects, guiding students through research design, execution, and presentation to ensure academic rigor and skill development.

Major Achievements

- ✓ Supervised 10 students (4 Master's and 6 Bachelor's) students to successful graduation, with several achieving academic distinctions and producing research of publishable quality.
- ✓ Designed and implemented a mini-course and structured framework for writing high-impact research papers and delivering concise, effective academic presentations, significantly improving students' scholarly communication skills.

MINISTRY OF ENERGY, UZBEKISTAN

Sales Engineer, Sep 2007 - Aug 2010

- Conducted targeted client visits and product presentations, successfully driving sales growth and expanding customer base.
- Managed customer inquiries and purchase orders efficiently, ensuring timely processing and high customer satisfaction.
- Maintained accurate sales quotation documentation, improving order accuracy and facilitating seamless sales operations.
- Developed and executed business strategies that consistently met or exceeded sales targets, contributing to overall revenue growth.

Major Achievements

- ✓ Achieved consistent year-over-year sales growth by expanding the customer base through strategic client engagement and tailored product presentations.
- ✓ Streamlined order and quotation processes, increasing operational efficiency and contributing to improved customer satisfaction and repeat business.

EDUCATION

Toyohashi University of Technology, Japan

Doctor of Science in Environmental and Life Sciences, 2012 - 2015

Toyohashi University of Technology, Japan

Master of Science in Mechanical Engineering, 2010 - 2012

Other Skills

- Microsoft Office Suite (Advanced Excel, PowerPoint, Word), C++, GaBi

Availability: Immediate

References: Available on request

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