

Aleyna KOMURCU



WORK EXPERIENCE

- **Environment and Sustainability Specialist / Management Systems**

Borusan Pipe [03/2024 – Current]

City / Country: Bursa / Turkey , Ploiești / Romania

Internal auditor, QDMS, Risk Management, ISO 14001, ISO 14064-1, ISO 14046, ISO 50001, Life Cycle Assessment, CDP, GRI, ESG, CBAM, Greenhouse gas, Sustainability, SA 8000, ADR/IMDG, Waste management, Wastewater Treatment Plant Operator Domestic / Industrial, Deep commitment to sustainability and reducing environmental footprints, Establishment of management systems that ensure compliance with environmental standards and legislation for the factory in Romania.

- **Environmental Management Engineer / Environment and Sustainability**

Colakoglu Metallurgy [10/2021 – 03/2024]

City / Country: Kocaeli / Turkey

Internal auditor, QDMS, Risk Management, ISO 14001, ISO 14067, ISO 14064-1, ISO 14046, ISO 50001, ISO 45001, Greenhouse gas, Sustainability, CDP, GRI, ESG, CBAM, ADR/IMDG, Waste management, Wastewater Treatment Plant Operator Domestic / Industrial , Deep commitment to sustainability and reducing environmental footprints, Planned and executed sustainability initiatives including waste reduction, energy conservation, and carbon footprint reduction.

- **Project intern**

Isuzu [06/2021 – 09/2021]

City / Country: Kocaeli / Turkey

European Green Deal, Energy Efficiency Projects, Sustainable & Clean Transport, Wastewater Pollution Load, Wastewater Treatment Plant Revision, Waste Reduction in the Production Line, SBTi, GRI

- **Assistant Environmental Engineer**

Kocaeli University [10/10/2019 – 10/02/2021]

City / Country: Kocaeli / Turkey

Analysis of persistent organic pollutants such as stream and sea water, rain water, blood, pesticide, phthalate, polyaromatic hydrocarbons on GC-MS device, calibration in GC-MS device, calculation of analysis results and reporting of results.

- **Laboratory Intern**

Gebze Technical University [30/06/2018 – 20/07/2018]

City / Country: Kocaeli / Turkey

Skills

- **Management Systems:** QDMS, Risk Management, ISO 14001, ISO 14067, ISO 14064-1, ISO 14046, ISO 50001, SA 8000
- **Transportation Regulations:** ADR/IMDG
- **Sustainability Reporting:** CDP, GRI, CBAM
- **Waste Management:** Domestic and Industrial Waste
- **Wastewater Treatment:** Domestic and Industrial Wastewater Treatment
- **Sustainability Projects:** Waste Reduction, Energy Conservation, Carbon Footprint Reduction, Water Footprint Reduction
- **Communication and Coordination:** Collaboration, Communication, Coordination

VOLUNTEERING

- Volunteer Teacher - AIESEC [Galati/Romania, 07/2018 – 09/2018]
- Volunteer Teacher - Turkish Air Force Museum [Istanbul/Turkey, 09/2015 – 05/2017]
- Volunteer - Turkish Aeronautical Association [Turkey, 01/2009 – Current]

EDUCATION AND TRAINING

- **Sustainable Growth and Quality Management - Master's Degree**

Marmara University [02/2022 – 07/2023]

Project: German Supply Chain Law and Investigation of its Applicability In Turkey

- **Environmental Engineering - Bachelor's Degree**

Kocaeli University [09/2016 – 08/2021]

Thesis: Investigation of Pesticide Residues found with tomatoes and cucumbers

- **Management Information Systems - Bachelor's Degree**

Istanbul University [09/2021 – Current]

PROJECTS

- Marmara University - German Supply Chain Law and Investigation of its Applicability In Turkey
- Isuzu - Wastewater Treatment Plant Design
- Isuzu - Rainwater Recovery
- Kocaeli University - Analysis of Air Pollutants in Vegetables at GC-MS
- Kocaeli University - Analysis of persistent organic pollutants such as stream and sea water, street dust, rainwater, PM_{2,5}, blood, pesticide, phthalate, polyaromatic hydrocarbons in GC-MS

LANGUAGE SKILLS

English

LISTENING B2 READING B2 WRITING B2

CONFERENCES AND SEMINARS

- UN Global Compact – Business and Human Rights: How companies can operationalize the UN Guiding Principles
- Environment and Urban Ministry - Wastewater Treatment Operator C Class - Domestic and Industrial
- ESCAP – Water, the Ocean and the Sustainable Developments Goals
- ESCAP – Cities and Marine Plastics Pollution: Building a Circular Economy
- International Resource Panel (IRP) – Resource Efficiency
- University of Colorado Boulder - Renewable Energy Technology Fundamentals
- Istanbul Chamber of Industry - Sustainability Mini MBA Program
- Istanbul Chamber of Industry - Energy efficiency Mini MBA Program
- DQS - ISO 14001:2015 Environment Management System
- DQS - ISO 50001:2018 Energy Management System
- DQS - ISO 19011:2018 Auditing Management Systems
- Carbon Hits - ISO 14067 Carbon Footprint Training of Products
- Carbon Hits - ISO 14064-1 Establishment Level Calculation and Reporting of Greenhouse Gas Emissions and Removal

- AIESEC – Leadership
- Franklin Covey - The 7 Habits of Highly Effective People
- Tema - Solution Journey from Problem to Decision
- Ministry of Education - KAIZEN
- Southeastern Anatolia Exporters' Associations - Sustainability
- TSC Academy - ISO 9001:2015 Quality Management System
- TSC Academy - ISO 14001:2015 Environment Management System
- TSC Academy - ISO 14001:2015 Environment Management System – Internal Auditor
- Duzce University - ISO 14001 Environment Management System
- TSC Academy - ISO 45001:2018 Occupational Health & Safety Management System
- ImeceLAB / EFES - Carbon Footprint Reduction
- Mare Clean - Marine Pollution Caused by Petroleum and Derivatives Training Seminar I - (OPRC - I / HNS 1)
- Ministry of Education - NLP
- METU - General Occupational Health and Safety
- CMAS/TSSF - 2*Diver
- CMAS/TSSF - 3*Diver

HOBBIES AND INTERESTS

Glider, Hang-gliding, Paragliding, Model Plane, Drone, Scuba diving

NETWORKS AND MEMBERSHIPS

THK, Tema, Aiesec, Kousat, Musas