



# A. Nil Sensu

Technical Design Manager · Sustainability Specialist (M.Sc.)

+49 163 22 71 909 | Düsseldorf - Friedrichstadt | [contact@nilsensu.com](mailto:contact@nilsensu.com)

[www.nilsensu.com](http://www.nilsensu.com) | [linkedin.com/in/sensu](https://linkedin.com/in/sensu)

## PROFILE

Technical Design Manager and Sustainability Specialist with 10+ years delivering complex infrastructure and hospitality projects (up to \$180M) across Europe, Central Asia, the Middle East, and East Africa. Proven ability to bridge architectural design with green building execution, ensuring compliance with LEED, BREEAM, KfW, and US OBO standards. Experienced in stakeholder coordination across international planning offices, government agencies, and multilateral donors. Seeking to leverage combined expertise in technical project delivery and ESG/sustainability strategy within a forward-looking organization.

## KEY STRENGTHS

Green Building (LEED, BREEAM)	KfW & US OBO Compliance	Material & Shop Drawing Review
ESG / CSRD Reporting	Stakeholder Coordination	Value Engineering & QA/QC
Life Cycle Assessment (LCA)	Risk & Financial Monitoring	Circular Economy Principles

## PROFESSIONAL EXPERIENCE

**Project Manager, Consultancy** | GITEC-IGIP GmbH, Cologne Oct.2023 – Oct.2025

- Acted as Technical Advisor for KfW-funded infrastructure, ensuring compliance with KfW's Sustainability Guideline, including oversight of Environmental and Social Impact Assessments (ESIA) and Environmental and Social Management Plans (ESMP) aligned with World Bank Environmental and Social Standards (ESS).
- Coordinated sustainability and technical reporting across international planning offices and government agencies, including climate risk identification for flood-resilient cyclone shelters and school infrastructure.
- Reviewed and verified environmental compliance documentation and scope deliverables across multi-stakeholder teams, reducing design-cycle delays through structured tracking.
- Administered project controls using Microsoft Dynamics 365, streamlining technical procurement, compliance reporting, and financial tracking.
- Led technical feasibility studies and proposal preparation for public sector infrastructure developments in Rwanda, Egypt, Malawi, and Uzbekistan.

**Full-Time Academic Sabbatical, M.Sc. Resource Efficiency** | Oct.2019 – June 2023  
Hamburg HafenCity University, Germany

- Focus: Dedicated period for advanced specialization in Resource Efficiency, Life Cycle Assessment (LCA), and Circular Economy.
- Thesis Project: "Carbon Storage Through Wood in Residential Buildings" – Analyzed material alternatives for carbon mitigation and energy efficiency strategies.

**Deputy Project Engineer** | Pernix Ronisans JV (Main Contactor), Uganda Mar.2018 – Dec.2018  
US Embassy Kampala (~\$110M)

- Managed the interface between architectural design and site execution, ensuring adherence to US OBO standards and LEED Gold requirements.
- Verified adherence to federal standards regarding material procurement, VOC limits, and waste management documentation.

- Managed the technical review of material data sheets and shop drawings to verify specification compliance before procurement.

**Deputy Design Office Manager** | IDA Construction (Main Contactor), Kazakhstan Sept.2015 – Aug.2017  
St. Regis Hotel Astana (~\$180M)

- Managed high-specification interior fit-out, adhering to operator brand standards (Starwood/Marriott) and BREEAM compliance targets.
- Supervised and coordinated a full-scale mock-up ensuring buildability and minimizing construction waste prior to mass execution.
- Co-led cost optimization for interior materials, achieving ~35% savings without compromising design intent or material performance benchmarks.
- Managed the approval workflow for subcontractor shop drawings and material submittals, ensuring timely reviews by client-side consultants (WATG).

**Architect** | Kolart Architectural Office, Türkiye Aug.2011 – Aug.2015

- Delivered comprehensive shop drawing packages and façade detailing for US Embassy projects (Netherlands, Russia, Mauritania) in compliance with OBO standards.
- Supported quantity surveys and tender documentation for major aviation and port developments in Qatar and UAE.

## EDUCATION

**M.Sc. Resource Efficiency in Architecture and Planning** Oct.2019 – June 2023  
HafenCity University | Hamburg, Germany

**M.Sc. Architectural Design** Oct.2010 – Mar.2014  
Istanbul Technical University | Istanbul, Türkiye

**B.Sc. Architecture** Jan.2004 – Jan.2010  
Istanbul Technical University | Istanbul, Türkiye

## TECHNICAL SKILLS

- **Sustainability & Critical Systems:** Claude Code for Sustainability Reporting, LEED v4 Concepts, Data Center Fundamentals, Green Building Strategies, Timber Construction (Research level), Circular Economy Principles.
- **Technical Compliance:** Shop Drawing Review, Material Submittal Management, Mission Critical Protocols, US OBO Standards, OBO & KfW Compliance, CSRD, Taxonomies, LCA.
- **Tools:** AutoCAD, Revit, Microsoft Dynamics 365, MS Office Suite, Claude Code.
- **Languages:** English (Fluent), German (B2), Turkish (Native).

## CREDENTIALS, CERTIFICATIONS & TRAININGS

- » Kith Climate Cohort (6 weeks) - AI Claude Code for Sustainability Reporting, Becoming an Advanced User
- » LEED Green Associate
- » LEED AP BD+C - Candidate, Exam scheduled March 2026
- » Data Center Certified Associate (DCCA) – Schneider Electric
- » CSRD Fundamentals – CSRD Institute
- » Introduction to Sustainable Finance Taxonomies – GIZ
- » Construction Lifecycle Assessment Specialist – One Click LCA
- » FIDIC Conditions of contract
- » GenAI for Project Managers - PMI
- » Sustainable waste management - IGCS International workshop