

KHANYA BOUMA

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SENIOR CIVIL ENGINEER PASSIONATE LEADER AND DESIGNER +7 YEARS RENEWABLE ENERGY EXPERIENCE

PERSONAL PROFILE

I am an experienced Civil Engineer and Project Manager specializing in the renewable energy sector. I have been trained in Design Thinking practices and have a serious creative side. I am passionate about contributing to and leading diverse, high performing and value focused teams.

My experience includes delivery of hydropower, solar-hydro hybrid projects and recently the onshore electrification of oil and gas platforms from shore. My responsibilities have included project management, team lead, coordination, engineering and documentation with international experience on projects throughout Norway and East and Sub-Saharan Africa.

CORE SKILLS

- Project Management
- Engineering Design
- Design thinking and agile practices
- Workshop designer and facilitator
- Canva design tool proficient
- 3D modeling (Autodesk suite)
- Hydraulic modelling (HEC-RAS, EPASWMM)
- Report writing
- Office 365

EDUCATION & TRAINING

Bachelor's of Civil Engineering

2013, University of Stellenbosch, South Africa

Certifications

- Design Led Thinking training including design tools, facilitation and workshops
- Agile Development, University of Virginia, Coursera
- NS8407 Totalentreprise/ Norwegian Standards for Turnkey contracts
- NS8402 and NS8401 Rådgiverkontrakter/ Norwegian Standards for Consulting contracts
- Project Management, Multiconsult Internal Course

Languages

English (mother tongue), Norwegian (fluent), Afrikaans (fluent), French (A2)

PROFESSIONAL EXPERIENCE

Civil Lead

NOA Krafla - Equinor | 2021-present | Oslo, NO

Seconded to Equinor since 03.21 for the electrification of the oil and gas platforms as civil lead for the power from shore infrastructure.

Project Manager / Civil Engineer

Multiconsult | 2019-present | Oslo, NO

Working as a project manager and design engineer to deliver hydropower projects in all project phases internationally and locally.

Board Member / Head of Marketing

Kraftkvinnene | 2019-present | Oslo, NO

Serving as a board member of Kraftkvinnene; a network with over 600 members for all women working in the renewable energy sector in Norway, responsible for events and marketing.

Project Manager

Malthe Winje Infrapower AS | 2017-2019 | Kolbotn, NO

Managed a team of various Norwegian suppliers and local partners throughout East Africa to deliver feasibility studies, detail design and the construction.

Civil Engineer / Designer

Aurecon/Zutari | 2014-2017 | Pretoria, ZA

Worked as Team Lead and design engineer for various water infrastructure & hydropower projects throughout Sub-Saharan and East Africa. Served as innovation lead for the water unit in the i40 design thinking programme.

OTHER EXPERIENCE

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| 2021 | Presentation at PTK conference: "Hvorfor trenger bransjen et faglig nettverk for kvinner" |
| 2018 | Presentation at Tekna X: "Clean energy for all" |
| 2013 | Internship: PRDW Coastal Engineering, South Africa |
| 2011 | Internship: Stabilid, South Africa |
| 2007 - 2009 | National Athlete South African Junior Netball Team U17/U19 |