

Ndingwan Tevoh Lordswill, MEng

Civil Engineer | Transportation Engineer | Road Safety Specialist | Structural Engineer

PROFESSIONAL SUMMARY

Specialised civil engineer with 5+ years of experience in road safety, construction, and structural design. Substantial experience in designing sustainable infrastructure, and implementing road safety initiatives.

RESEARCH INTERESTS

Transport & Infrastructure

Road Safety

Urban Mobility

EXPERIENCE

Civil Engineering Consultant

Intelligent Company Ltd

Apr 2023 – Oct 2024

- Designed and implemented building specifications for the construction, renovation and rehabilitation of building and road projects.

Road Safety Specialist

Securoute Africa

Sep 2022 - Apr 2023

- Developed and delivered educational campaigns to raise public awareness about road crashes and safety practices.

- Contributed to the development of training materials and participated in training programs for drivers and transportation personnel to enhance their understanding of road safety practices.

EDUCATION

Sapienza University of Rome

Rome, Italy

PhD in Infrastructures and Transport

Nov 2024 – Current

National Advanced School of Public Works Yaoundé

Yaoundé, Cameroon

Ecole Nationale Supérieure des Travaux Publics Yaoundé

Master in Engineering, Civil Engineering - Final grade 3.31/4.0

Nov 2016 - Aug 2022

Delft Road Safety Courses

Road Safety Research in LMICs – certificate course

Nov - Dec 2022

PROJECTS

Vehicles for Better Planet: Decarbonising Transport in Cameroon

Role: Project Lead Duration: July 2024 - December 2024 (6 months)

Conceived and implemented a climate-focused transport project in Cameroon to target emission reduction by capacity building, vehicle inspections and advocacy. The project involved about 75 youths and impacted over 3000 persons.

Road safety assessment and countermeasures for the national road N3 from Yaoundé to Douala

Role: iRAP consultant Duration: October 2023 - January 2024 (4 months)

Overseeing activities on road survey, road coding and assessment, as well as selecting countermeasures, for 234km national road using iRAP methodology. Originally at 1 star for all users, countermeasures increased safety 3 and 4 stars.

Waka Fine to School

Role: Project Lead Duration: April 2023 - April 2024 (1 year)

Led the formulation and implementation of a comprehensive local road safety program focused on improving safety of children who walk to school in Yaoundé. In total, 14 schools and over 500 pupils/students were impacted. Organised a high-level meeting with members of Yaoundé 6 municipality to discuss project findings.

Youths for post-crash care and Benskin safety

Role: Team lead Duration: April 2023 - April 2024 (1 year)

Supported project by co-organising post-crash care training, motorcycle training of over 80 riders, and leading training sessions with over 25 participants.

PROFESSIONAL AFFILIATIONS AND NETWORKS

- Ordre Nationale des Ingénieurs de Génie Civil Cameroun (ONIGC)

- Member since September 2023

- Global Youth Coalition for Road Safety (YOURS)

- Member since September 2022

LANGUAGES

English – C2

French – B2

Italian – A2

OTHER

Grants

- Vehicles for better planet: decarbonizing transport in Cameroon June 2024
funded by the UMI fund where £4,952 is being used to implement a project on decarbonizing transport by improving the standards of vehicles in circulation.
- Waka Fine to School April 2023
funded by the Global Youth Coalition for Road Safety (YOURS), €5,000 was used to improve student's school journeys by education, infrastructure improvement and advocacy.

Workshops/Conferences

- 24th International **Walk21 Conference 2024**. *Everybody walks*, 14 – 18 October 2024, Lisbon, Portugal
- AIIT 4th International Conference on Transport Infrastructure and Systems (**TIS ROMA 2024**) *Greening the Way Forward: Sustainable Transport Infrastructure and Systems*, 19th - 20th September 2024, Rome (Italy)
- 13th technical day in Civil Engineering – *Assurance Qualite et Controle Qualite dans le Genie Civil by National Order of Civil Engineers* 26 January 2024, Kribi, Cameroon
- *Powering Sustainable Mobility Solutions by Movin'On Lab and Total Energies Marketing* 15 September 2022, Hilton Yaoundé, Cameroon

RELEVANT PUBLICATIONS

1. Ndingwan T. L, Wounba J.F & Fondzenyuy S. K. (2023). iRAP assessment and countermeasure selection for safer routes to schools in Yaoundé. *Proceedings of the 2023 PIARC World Road Congress in Zagreb*
2. Ndingwan T. L., Wounba J F, Awasiri R N, Fondzenyuy S K, S L Feudjio Tezong, D S Usami, L Persia. (2025) Assessment and countermeasures selection for safer roads to schools in the city of Yaoundé: progressive evaluation using surveys and iRAP methodology *Transportation Research Procedia*

SKILLS

Technical Skills: Road safety audits, iRAP assessments, structural design and analysis, sustainable transport, urban mobility, data analysis,
Software Skills: drawing software: AutoCAD, REVIT;