

**NANGOSYAH TOM WELLARD**  
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## **PROFESSIONAL SUMMARY**

Results-driven project and data professional with cross-sector experience in clean energy, micro-finance, socio-economic research, and tech start-ups. Expert at translating complex data into actionable insights, shaping business cases, and enabling executive decisions. Proven track record leading cross-functional teams, designing and scaling products, and securing multi-stakeholder funding to deliver measurable client impact.

## **CORE SKILLS**

- **Data & Analytics:** Python, R, Microsoft Suite; SQL; statistical & predictive modeling; data cleaning/validation, pipeline automation; KPI design & reporting; dashboarding/data visualization.
- **Research:** Research design, survey development, data collection, field team leadership, technical writing and impact evaluation.
- **Business & Delivery:** Stakeholder management, project management, content development, innovation & process improvement.

## **PROFESSIONAL EXPERIENCE**

### **Consultant, Clean Cooking at EnerGrow Uganda | May 2025 - Present**

- Spearhead product-line design for EnerGrow's ethanol clean-cooking venture, translating strategy into a pilot launch blueprint for the Ugandan market.
- Map national ethanol supply chains, refill infrastructure, and channel partners to secure reliable fuel flow and distribution reach.
- Build and maintain bottom-up unit-economics models for stove, fuel, logistics, carbon revenue, to set margin targets and data-driven pricing.
- Draft operational strategies for last-mile delivery, refill workflows, customer support, and after-sales service.
- Produce concise, investor-ready pitch decks and analyses that support fundraising for the ethanol pilot.

### **Consultant, Research and Development at EnerGrow Uganda, January 2022 - July 2024**

- Analyzed large-scale data to optimize asset financing models and enhance decision-making.
- Applied machine learning and predictive modeling for business impact assessment.
- Developed and maintained data pipelines for KPI tracking and performance monitoring.
- Led stakeholder engagement for funding initiatives, securing partnerships with multiple organizations including EEP, Doen Foundation, MECS Co, IMEU, GIZ, EnDev and CEI etc
- Authored technical reports and documentation, streamlining data-driven reporting processes.

### **Expansion Manager at EnerGrow Uganda, January 2021 - December 2022**

- Led EnerGrow's expansion into new locations, including launching a new branch.

- Engaged stakeholders to establish offices in new locations.
- Conducted feasibility research for new business models and entry strategies.

#### **Project Manager at EnerGrow Uganda, Remote, August 2020 - December 2021**

- Managed a pilot asset financing project (end to end), overseeing research, execution, and impact evaluation for the project .
- Led the EnerGrow team on the Utilities 2.0 (Twaake) integrated-energy pilot, led by UMEME and coordinated by Power for All, with Equatorial Power and EnerGrow among the DRE partners, aligning productive-use financing with mini-grid/grid interconnection operations in Kiwumu, Uganda.
- Conducted data analytics on business performance, influencing operational strategies.
- Coordinated with international partners to optimize donor financing activities.

#### **Data Analyst at EnerGrow Uganda, February 2018 - December 2019**

- Designed and implemented a pilot asset financing loan program, impacting over 250 SMEs.
- Developed data collection tools and reports for impact assessment and funding proposals.
- Led field research teams in collecting and analyzing over 4,000 surveys.

#### **Research Associate at Inachee Uganda, April 2016 - December 2017**

- Conducted sector analysis to inform business plans and financial modeling.
- Managed data repositories and facilitated research monetization strategies

### **EDUCATION**

**Master of Statistics and Data Science, *Hasselt University, Belgium (2025)***

**Bachelor of Science in Quantitative Economics, *Makerere University, Kampala, Uganda (2017)***

### **PROJECTS**

Representative projects and write-ups are available on my portfolio:

<https://nangosyah.github.io/portfolio.html>

### **LANGUAGE**

English: Full professional proficiency

### **REFERENCES**

Aaron Leopold, CEO, EnerGrow [aaron@ener-grow.com](mailto:aaron@ener-grow.com)

Prof. Dr. Dirk Valkenborg, Proffesor, UHasselt, [dirk.valkenborg@uhasselt.be](mailto:dirk.valkenborg@uhasselt.be)

Dr. Axel-Jan ROUSSEAU, Researcher, UHasselt, [axeljan.rousseau@uhasselt.be](mailto:axeljan.rousseau@uhasselt.be)