

EDNA ANDEYO ABASI

SUSTAINABLE FOOD SYSTEMS & CLIMATE-SMART AGRICULTURE SPECIALIST

Green Enterprise • Programme Strategy • Capacity Development

Meru, Kenya
+254 719 142 038
info@abasiedna.com

ADVANCING RESILIENT FOOD SYSTEMS, SUSTAINABLE ENTERPRISES & INCLUSIVE GREEN GROWTH

CORE EXPERTISE

- Sustainable Food Systems
- Climate-Smart Agriculture
- Green Enterprise & Investment
- Programme Design & Implementation
- Women & Youth Economic Inclusion
- Curriculum & Capacity Development
- Agricultural Value Chains
- Food Security Programming

TECHNICAL EXPERTISE

- Agronomy & soil fertility
- Irrigation & water management
- Integrated pest management
- Agricultural research design
- Monitoring & evaluation
- APSIM modelling & simulation
- R, SAS, SPSS, Python, Excel & MATLAB

EDUCATION

PhD in Agronomy

Tharaka University | 2022 - Current

MSc in Agronomy

Kenyatta University | 2017 - 2019

BSc Agricultural Education & Extension

Chuka University | 2010 - 2014

First Class Honors

EXECUTIVE PROFILE

Sustainable agriculture and food systems specialist with experience spanning climate-smart agriculture, green finance, enterprise development, programme management, agricultural extension, curriculum development, research and university teaching. Combines technical agronomy with programme-level strategy to translate climate and agricultural knowledge into practical solutions for MSMEs, institutions, farmers and communities. Particular focus on resilient food systems and inclusive economic opportunities for women and youth.

CLIMATE	ENTERPRISE	CAPACITY
Resilient agriculture & adaptation	Green investment & value chains	Curricula, training & mentorship

PROFESSIONAL EXPERIENCE

Green & Climate-Smart Expert

Green Finance for Youth Employment (GFYE) | IFAD - AGRA - Private Equity Support (PES) | Jan 2026 - Present

- Integrate climate-smart, environmentally sustainable and low-emission practices into youth-led on-farm and off-farm enterprises.
- Provide technical guidance on climate adaptation, mitigation, green value chains and sustainable soil, water and natural-resource management.
- Support capacity-building materials, environmental and climate safeguards, gender-responsive implementation and documentation of best practices.

Curriculum Review, Development & Implementation Consultant

Private Equity Support (PES) | 2025 - Present

- Provide curriculum development, review, capacity-building and implementation support to PES-led programmes delivered with development and financial-sector partners.

Green Finance for Youth Employment (GFYE) & Rural Kenya Financial Inclusion Facility (RK-FINFA) Programmes

IFAD / AGRA / PES | 2025 - Present

- Develop, review and support implementation of capacity-development curricula for GFYE and RK-FINFA, targeting MSMEs and enterprises.
- Conduct MSME diagnostics and capacity assessments and translate identified gaps into curriculum priorities and targeted capacity-building interventions.
- Develop practical learning resources, including modules, workbooks, facilitator guides, case studies, templates, tools and assessments.
- Build the capacity of county coaches and support curriculum implementation, strengthening effective delivery of learning content to MSMEs.
- Provide ongoing technical support to county coaches to translate curriculum content into practical enterprise-level interventions.
- Integrate green finance, climate-smart agriculture, sustainable enterprise and green investment perspectives into relevant curriculum content.

African Biodigester Component (ABC-K)

GIZ / SNV / ABPL / PES | 2025

- Contributed to curriculum development for the ABC-K Access to Finance initiative, strengthening financial institutions' capacity to finance Kenya's biodigester sector.
- Supported four days of in-person training for financial institutions in Meru and Tharaka-Nithi Counties.
- Contributed content covering biodigester financing, sustainable agriculture, clean energy, climate objectives and market development.

NBK AFAWA Online Academy

National Bank of Kenya (NBK) / PES | 2026

- Design and develop training modules for the NBK AFAWA Online Academy, strengthening the business and financial capabilities of women-owned and women-led MSMEs.
- Develop practical, needs-driven learning content aligned with the financial and enterprise-development priorities of women-led MSMEs.
- Translate complex financial and business concepts into accessible digital learning content, case studies, exercises and practical tools that strengthen financial literacy, credit readiness and informed business decision-making.

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CREDENTIALS

- KENET Research & Innovation in Computer Science and Information Systems (2023)
- JKUAT-Biovision Research Proposal Development Training (2021)
- RUFORUM Grant Recipient - MSc Agronomy

MEMBERSHIPS

- Horticultural Association of Kenya (HAK)
- Kenya Society of Agricultural Professionals (KSAP)

PROFESSIONAL VALUE PROPOSITION

Connects technical agronomy with programme strategy, climate resilience, green enterprise and capacity development - helping institutions and communities convert agricultural knowledge into practical, scalable and inclusive solutions.

Senior Agriculture & Food Security Advisor

Food Security Programme | East African Children's Fund (EACF) | 2022 - Present

- Lead technical planning and oversight of climate-smart agriculture programmes across multiple farm sites.
- Develop crop-production plans and advise on soil fertility, irrigation, IPM, post-harvest handling and sustainable farming systems.
- Supervise and mentor farm managers; support input planning, budgeting, quality assurance, donor documentation and programme recommendations.
- Design and deliver training for farm staff, schools, women's groups and community organizations and support food-security programme expansion.

Climate-Smart Agriculture Programs Manager

Fortuana Harvesters Company | 2024 - Apr 2026

- Developed sustainable crop-production policies and strategies across multiple farm sites.
- Coordinated projects focused on soil fertility, irrigation, mechanization and climate-smart agriculture; built staff and farmer capacity.

Climate-Smart Agriculture & Extension Consultant

World Vision Kenya | KOICA | Isiolo County Government - IWEPP | Mar 2024

- Trained women farmers in orchard management, vegetable production, organic farming, kitchen gardening and integrated farming systems.
- Delivered field demonstrations, farmer field schools and mentoring on climate-resilient and agroecological practices.

Part-Time Lecturer - Dryland Agriculture & Natural Resources

Tharaka University | 2021 - 2025

- Taught and mentored students in agribusiness, crop production, sustainable dryland farming and soil management.
- Supervised research, contributed to curriculum development and supported institutional partnerships and fieldwork.

Part-Time Lecturer - Agriculture

Meru University of Science and Technology | Sep 2023 - Dec 2024

- Delivered lectures and practical lessons in dryland agriculture and crop production; supervised research and farm-based assignments.

EARLIER EXPERIENCE

Agricultural Extension Coordinator

Tharaka University Farm | May 2021 - Dec 2022

- Oversaw agricultural demonstrations and farmer training and promoted irrigation, soil fertility and water management.
- Supported orchard and irrigation-system development and documented best practices.

Agriculture Teacher / Head of Guidance & Counseling

Teachers Service Commission (TSC), Kenya | Jan 2015 - Mar 2021

- Taught Agriculture and facilitated practical agricultural learning and student projects.
- Managed departmental programmes, learning resources, academic records and curriculum implementation.
- Led guidance and counseling initiatives supporting students' personal development, career guidance and academic progression.

Extension Officer

Quest Agriculture Limited (Meru) | USAID Feed the Future Project | May - Aug 2014

- Supported farmer training, data collection, farmer recruitment, project monitoring, farm-enterprise management and marketing.

RESEARCH, GRANTS & PUBLICATIONS

- RUFORUM Grant Recipient - MSc Agronomy Studies, Kenyatta University.
- KENET Grant Collaborator - Research and Innovation in Computer Science and Information Systems (2022/2023).
- Published research on canopy management for sustainable passion fruit production and vine-length management for optimum light interception.

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REFEREES

Prof. Levi Musalia

Deputy Vice-Chancellor (Administration,
Finance, Planning & Development)
Tharaka University
levi.musalia@tharaka.ac.ke
+254722273792

Prof. Maina Mwangi

Senior Lecturer & Director, Research Support
and Dissemination
Kenyatta University
maina.mwangi@ku.ac.ke
+254710860550

Prof. Moses Muraya

Senior Lecturer & Director, Board of
Postgraduate Studies
Chuka University
moses.muraya@gmail.com
+254704999099

SELECTED PROFESSIONAL ENGAGEMENTS

- FCM Growers' Conference, Nairobi (2025) - Export Compliance & Sustainable Management of False Codling Moth.
- African Biodigester Component (ABC-K), Meru & Tharaka-Nithi (2025) - contributed to curriculum development and four-day in-person training for financial institutions under the Access to Finance initiative.
- JKUAT & Biovision Foundation Research Proposal Development Workshop (2021).
- RUFORUM Biennial Conferences - Nairobi (2018) and Cape Town (2016).
- ENABLE Horticulture Project Workshop, Kenyatta University (2018).