Company Profile

ON ENERGY CONSULT

Your partner in Energy and Power



www.onenergygroups.com

ON ENERGY CONSULT

About Us

On Energy Consult is a consultancy firm that provides a broad range of services to clients across various industries. Established in 2017 as an electrical and energy consultancy firm, we have grown into a trusted partner for organizations seeking expert guidance in their development and operations



Vision

To become the leading engine for developing smart, sustainable and clean energy solutions.

Mission

To transform the way we generate, use, and optimize energy systems and collectively take the responsibility of weaving a sustainable future by utilizing clean energy sources.

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SECTORS WE SERVE



UTILITY

Grid impact,
Electrification
New connection



ENERGY

Renewable Energy
(solar, biomass)
PAYG
Electric Vehicle



MANUFACTURING

Clean energy
Energy efficiency
Energy audit



CONSTRUCTION

Green Building
Access roads



AGRICULTURE

Irrigation
Diary

CROSS CUTTING

GENDER

Women's economic empowerment
Inclusivity

POLICY

Governance, ESG

TECHNOLOGY

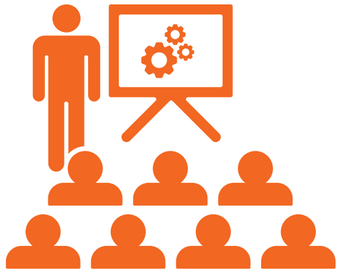
Advisory

Our key services

Consulting & Engineering



Training & Capacity Building



Trading & advisory



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Our Approach and Methodology

At On Energy, our consulting services are rooted in industry best practices, emphasizing **local expertise**, sustainability, and data-driven solutions to effectively address the unique challenges of the Ethiopian energy sector.

Integration of Local Expertise

We prioritize the inclusion of skilled Ethiopian professionals who possess a deep understanding of the local energy landscape. This approach ensures that our strategies are culturally relevant and tailored to the specific needs of the communities we serve.

Commitment to Sustainability

Sustainability is central to our mission. We develop frameworks and guidelines that promote environmental responsibility, social equity, and economic viability, aligning with global standards and local priorities.



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Our Project Portfolio

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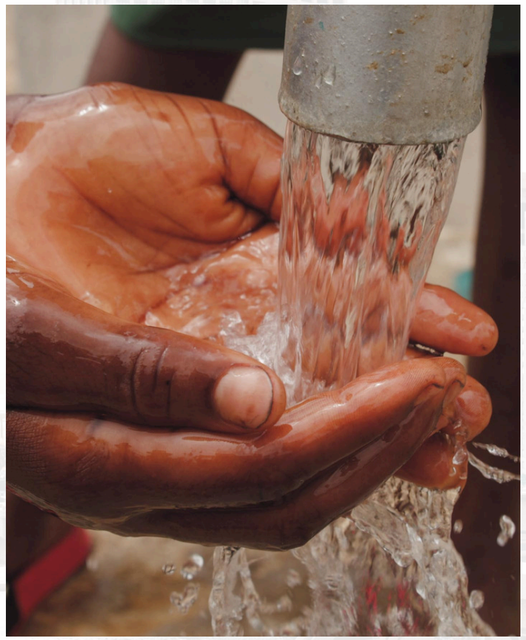
Project Portfolio

Solar Energy & Decentralized Solutions

Delivering clean, off-grid power through training, technical assessments, and market development



Solar water pumping

Project: Oromia Coffee cooperative
Client: wecf international
Timeline: 2019
Our service: Site assessment, product specification, Design and install solar-powered DC submersible pumps for irrigation, replace diesel generators, Design of ground-mounted solar plant to power coffee washing stations, cold storage, mobile charging.
Location: Oromia, Guji zone



sub-consultant of sun-spot energy

Solar powered Milk Cooling Systems

Project: Solar-powered Milk Cooling Systems
Client: Sun-spot Energy
Timeline: 2024
Our service: Installation, after-sales service, maintenance, training, O&M. Solar and cooling system.
Location: Sheger city (Sendafa, Aleltu, Sululta)

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Project Portfolio

Solar Energy & Decentralized Solutions

Delivering clean, off-grid power through training, technical assessments, and market development



Solar PV Trainer Program

Project: TOT solar PV training
Client: Don Bosco TVET College
Timeline: 2022
Our service: Developed curriculum and trained instructors on PV installation, diagnostics, and systems design
Location: Addis Ababa



SHS Retail Market Strategy

Project: Solar Business Plan & SHS Retail Market Strategy
Client: Modify Electromechanical
Timeline: 2019
Our service: Produced a full go-to-market plan including product selection, distribution model, and microfinance-based sales strategy

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Project Portfolio

Solar Energy & Decentralized Solutions

Delivering clean, off-grid power through training, technical assessments, and market development



Pay-As-You-Go Solar

Project: Pay-As-You-Go Solar Policy Toolkit
Client: Strategic Impact Advisors (World Bank Subcontractor)
Timeline: 2022
Our service: Developed policy roadmap, toolkits, and led consultation workshops with MoWE, stakeholder consultation.



Grid-tied solar Energy

Project: Rooftop Solar Feasibility for two manufacturing companies
Client: Zoscales Partners
Timeline: 2022–2023
Our service: Techno-economic analysis of solar-battery backup systems to replace diesel generators, energy audit, system design.
Location: Addis Ababa and Debrebirhan

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Project Portfolio

Utility, Power & Grid

Strengthening public utilities through citizen engagement, technical design, and institutional reform



National Electrification initiative

Project: Citizen Engagement
Client: Ethiopian Electric Utility
Timeline: 2023-2025
Developed a full citizen engagement and grievance redress framework for EEU's national electrification program, including staff training, feedback tools, and public consultation strategies.



Energy efficiency

Project: Energy Loss Assessment for Welding Transformers
Client: Ethiopian Electric Utility & Ethiopian Energy Authority
Timeline: 2021–2022
Conducted technical audits of welding transformer use across 13 regions ; grid impact, proposed energy-saving and performance standards for utility operations.

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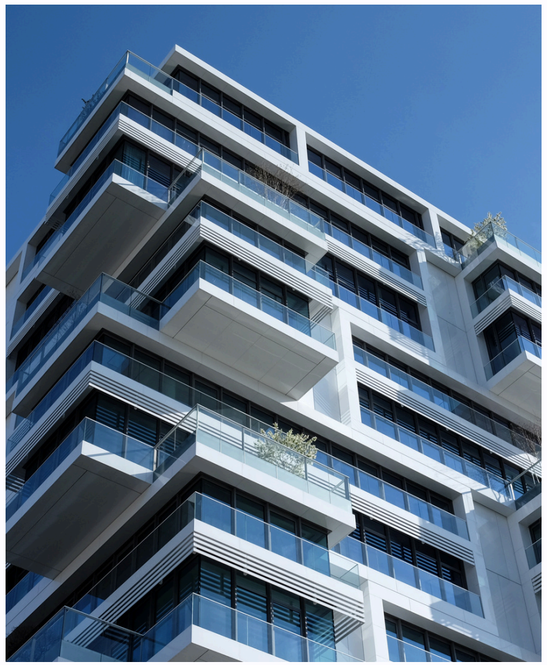
Project Portfolio

Green building & Construction

Delivering clean, off-grid power through training, technical assessments, and market development



Real Estate

Project: Gift Real Estate Electrical Design
Client: Gift real estate
Timeline: 2022
Our service: Designed energy-efficient electrical systems, metering logic, and BOQs for smart residential and commercial buildings



Hotel project

Project: Redawa Motors Hotel Project
lient: Zohar Consulting
Timeline: 2023
Our service: Electrical design of Full low-voltage systems (fire protection, lighting, CCTV, MATV, data) for a mixed-use complex; ensured compliance with EEU standards

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Project Portfolio

Clean Cooking & Biomass

Clean cooking solutions through project monitoring and implementation



E-Cooking & Biomass Stove Market Scorecard

Project: E-Cooking & Biomass Stove Market Scorecard
Client: Danish Energy Management
Timeline: 2022
Our service: Mapped national supply and demand landscape for clean cooking technologies including policy gaps, affordability, and distribution models



Improved Cookstove

Project: Improved Cookstove (ICS) Evaluation
Client: GIZ (Irish fund)
Timeline: 2020
Our service: Conducted mid term Monitoring & Evaluation and market analysis for ICS projects including adoption rates, behavior change, and scalability opportunities
Location: Tigray & SNNP

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Project Portfolio

Gender, Environment & Energy

Embedding equity, access, and evidence in energy development



Gender Assessment in Off-Grid Solar

Project: Closing gender gaps in off-grid energy sector
Client: The World Bank Group
Timeline: 2021 - 2022
Our service: Gender gaps assessment, report, access to finance and technology, Business development support in Ethiopia's off-grid energy market, strategic intervention



Gender Workforce Study

Project: Energy2Equal Workforce Gender Study in Sub-Saharan Africa
Client: Econoler (IFC Subcontractor)
Timeline: 2020-2021
Our service: Mapped RE sector workforce in Ethiopia, COVID-19 gender impact insights, actionable diversity strategies

SOME OF OUR CLIENT LISTING

ON ENERGY

THE WORLD BANK
IBRD • IDA | WORLD BANK GROUP

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Ethiopia Electricity Power

STRATEGIC IMPACT ADVISORS

ECONOLER

giz Deutsche Gesellschaft für Internationale Zusammenarbeit (GIZ) GmbH

endev

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Ethiopian Electric Utility

SUNSPOT
energy | efficiency | development

ZOSCALES | PARTNERS
INVEST WHERE IT MATTERS

SOLAFRICA

wecf International

ADRA

GIFT REAL ESTATE

DON BOSCO CATHOLIC TVET COLLEGE - MEKANISSA

DEM
DANISH ENERGY MANAGEMENT



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