



# **Energy Access & Efficiency**

## **AVSI's Holistic Approach**

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# POWERING COMMUNITIES FOR A SUSTAINABLE FUTURE

#### **AVSI** Foundation and Energy

AVSI Foundation is committed to transforming lives through energy access, focusing on rural communities and vulnerable populations. Operating in 42 countries, AVSI implements renewable energy solutions to improve quality of life, boost economic resilience, and promote environmental sustainability in partnership with private sector, local actors, microfinance institutions and key donors such as:





























## 1. Productive Use of Energy

We enable entrepreneurs and small businesses to thrive by combining access to electricity with practical tools, training and access to finance. Our approach drives local economic growth and creates demand for sustainable energy solutions.

#### **Key interventions:**

- Business and financial skills training for effective electricity use.
- Partnerships for access to energy-efficient appliances, reducing costs and boosting productivity.
- Tailored financial products developed with microfinance institutions, complemented by targeted subsidies.

971

businesses supported

298

appliances acquired

32

solar plants' performances enhanced through promotion of productive use of energy



#### 2. Rural Electrification

AVSI bridges the energy gap in hard-to-reach areas through strategic partnerships with renewable energy providers and financial institutions. By building market systems, we enhance affordability and create employment opportunities, especially for women and youth as local sales agents.

#### **Key interventions:**

- Supply and demand-side subsidies to make clean energy affordable.
- Community-based market insights for energy companies, enabling product and service adaptation.
- Gender-centered sales force capacity building.

24

partnerships with energy providers

10,212

solar products distributed to last mile customers

2,470

sales agents trained

### 3. Energy for Institutions

Reliable energy powers better public services, health, and education outcomes. AVSI collaborates with schools, health centers, and community hubs to ensure the sustainability of solar systems through innovative governance models.

Innovative governance models to support system maintenance in

8

health centres

26

schools

## 4. Energy Efficiency

Through education, appliance upgrades, and recycling initiatives, AVSI helps communities save on energy costs while reducing their environmental footprint.

#### 50,000+

people reached through energy safety awareness

#### Key interventions:

- Community education on energy efficiency via workshops and media.
- Programs to replace outdated appliances with efficient models.
- Recycling initiatives incentivizing waste collection and energy responsibility.



### 5. Energy Education

Energy education is crucial to empowering individuals and communities to make informed energy-related decisions and for AVSI it is a cross cutting topic. It also addresses the need for skilled technicians to support the growing renewable energy market.

Trough the <u>RES4Africa Academy</u>, a vocational capacity building project led by RES4 Africa and co-founded by AVSI Foundation, Strathmore University and Saint Kizito Vocational School, we are creating a skilled workforce capable of implementing and maintaining decentralized renewable energy systems across East Africa and beyond.



# TOGETHER, WE CAN LIGHT THE WAY TO A SUSTAINABLE FUTURE.

JOIN AVSI IN CREATING RESILIENCE AND EMPOWERED COMMUNITIES THROUGH RENEWABLE ENERGY SOLUTIONS.



# AVSI carries out development cooperation and humanitarian aid projects in 42 countries, including Italy



AVSI works for a world in which every person can be the protagonist of their own integral development, along with that of their community, even in emergency situations.

AVSI implements cooperation projects in various sectors with a preferential focus on education, meaning that the person is accompanied towards self-discovery and recognition that the other person is a resource. Each project is conceived as an instrument to promote this awareness in everyone involved, has in itself a need for communicating and sharing, and creates an impact capable of generating a positive change.

#### Areas of operations

Latin America and the Caribbean Argentina, Brazil, Colombia, Dominican Republic, Ecuador, Haiti, Mexico, Paraguay, Peru, Venezuela Africa Burundi, Cameroon, Democratic Republic of the Congo, Ivory Coast, Kenya, Libya, Mozambique, Nigeria, Republic of the Congo, Rwanda, Sierra Leone, Somalia, South Sudan, Tunisia, Uganda Middle East Iraq, Jordan, Lebanon, Palestine, Syria Europe Albania, Italy, Kosovo, Lithuania, Poland, Romania, Russia, Ukraine Asia India, Kazakhstan, Myanmar, Philippines.



