



HUMANA
PEOPLE TO PEOPLE



EMPOWERING LOCAL DEVELOPMENT THROUGH TVET AND RENEWABLE ENERGY

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BILT CLEAN ENERGY WEBINAR SERIES

Webinar 3. Collaboration and network building to foster innovation

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ADPP GUINEA BISSAU

HUMANA PEOPLE TO PEOPLE

ADPP Guinea-Bissau, a **local non-profit** within the **Humana People to People network**, has been serving the country's most remote rural areas since **1981**. It supports vulnerable communities through initiatives in Education, Community Health, Climate Change Adaptation, and Community Development.

16
TVET
COLLEGES

+30 K
GRADUATES
TO DATE

TVET NETWORK



BISSORA VOCATIONAL SCHOOL (EVB)

The Bissorã Vocation School (EVB), established by ADPP Guinea-Bissau in **1997** in the **Oio region**, aims to train young rural Guineans through various **initial programs tailored to local needs and development**. Recognized by the government, its programs are approved by INAFOR (National Institute of Technical and Vocational Training).

Courses offered: Agriculture & Agri-entrepreneurship; Civil Construction; Plumbing & Hand Pumps; Commerce & Administration; Electricity & Solar Energy (Basic/Adv); Sewing; Repair & maintenance of computer, etc.

2,400+
STUDENTS
TRAINED

20 %
WOMEN

> 50 %
GRADUATES
EMPLOYED

The school success is particularly significant given the broader **educational challenges in Guinea Bissau**, which translates into limited access to education and high dropout rates.

To ensure higher levels of **enrollment** and greater **commitment**, EVB employs a thorough recruitment process that actively **involves families**. Additionally, there are programs specifically designed to address and **bridge gaps in students' foundational knowledge**.

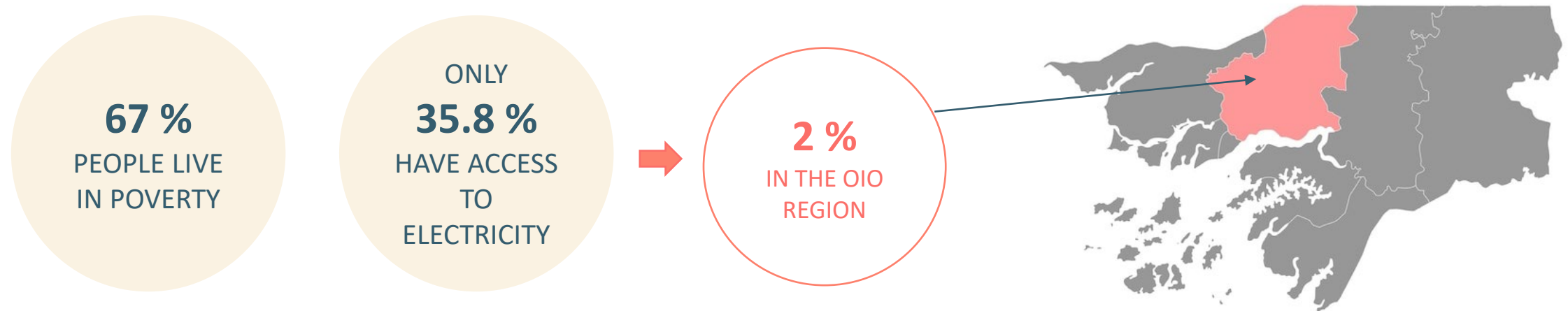
Students' profiles:

- **Skilling:** primarily young individuals entering TVET for the first time.
- **Reskilling:** individuals already in the labor market who seek to update their skills.
- **Upskilling:** those who have previously completed TVET courses and aim to pursue higher-level courses.

GUINEA-BISSAU: CONTEXT & CHALLENGES

Guinea-Bissau, a small West African country of **36,125 km²** with a population around **2 million**, has faced political and institutional instability since its independence in 1974, severely affecting its economic development.

The country relies heavily on costly, unstable, and polluting diesel generators, **making electricity scarce and expensive.**



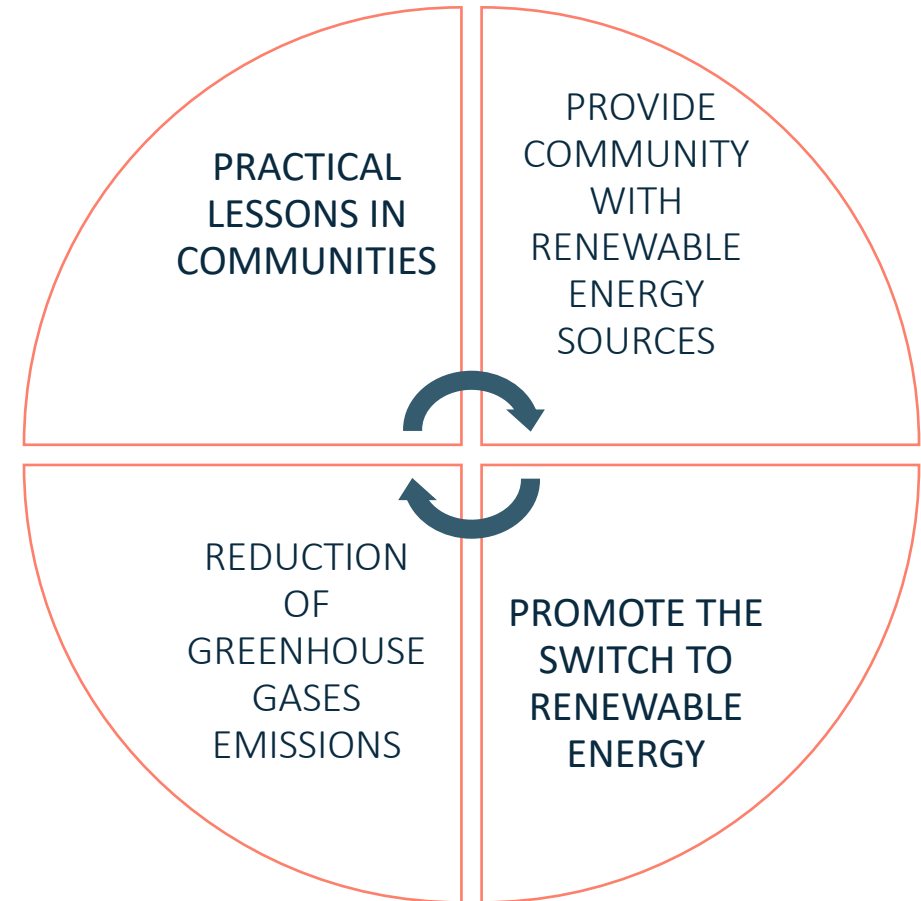
RENEWABLE ENERGY COURSE: SOLAR ENERGY

ADPP-GB recognizes the significant issue of electrical shortages in the region, exacerbated by climate change and its energy-related impacts, which are **highly visible in the daily lives of the communities**.

To address this, EVB introduced **Renewable Energy courses (Basic Solar Energy and Electricity + Advanced Solar Energy and Electricity + Water Pump and Solar Energy)** to provide the community with skills on the installations and maintenance of solar energy equipment.

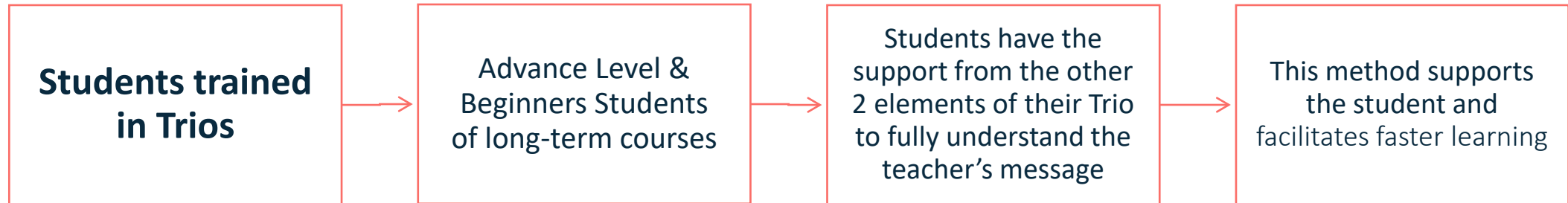
The courses offer a combination of **theoretical and practical lessons, both in the classroom and in the communities**. These community-based projects not only provide renewable energy sources but also help promote the shift to clean energy. Students gain **valuable skills but while giving back to the communities and addressing real needs**.

OUR APPROACH



METHODOLOGY & IMPACT

METHODOLOGY



IMPACT

Solar panel systems that have been installed by students in:



11
Local primary
schools



9
Mosques



7
Community
Health
Centers



7
New
Processing
Centers



24
Community
Centers



39
Water Points

RENEWABLE ENERGY COURSE: CLEAN COOKING STOVES

EVB also offers **Clean Cooking Stoves training**, providing students with hands-on experience in the production and use of those stoves. Additionally, the programme promotes the adoption of those clean cooking stoves in the surrounding communities, fostering the use of cleaner energy solutions.

Clean cooking stoves maximize combustion efficiency, allowing for more complete burning of fuels like firewood, charcoal, or agricultural waste. This significantly **reduces harmful emissions and smoke compared to traditional methods.**

Teaching practical experiences with clean cooking stoves encourages students to apply this knowledge, **fostering entrepreneurship or promoting these initiatives within their families and communities.**

BENEFITS FOR THE COMMUNITIES AND ENVIRONMENT

DECREASED INDOOR AIR
POLLUTION AND HEALTH RISKS
FROM SMOKE EXPOSURE

LOWER GREENHOUSE GAS
EMISSIONS

REDUCED FUEL USE AND
FIREWOOD COLLECTION TIME,
SAVING HOUSEHOLD MONEY

MINIMIZING
DEFORESTATION

OPPORTUNITIES FOR RENEWABLE
ENERGY INTEGRATION, LIKE SOLAR-
POWERED COOKING



THANK YOU

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