



# Microgrid project Yemen

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One group of women have found ongoing employment by building a solar microgrid providing energy for their rural community. The 10 women, who live in the Abs district in the north of the country close to the border with Saudi Arabia, set up the 26.8kW-capacity microgrid in January 2019.

Now, the solar microgrid provides the community with cheaper, clean, and renewable energy, while also tackling another major issue in this part of Yemen - helping women earn a stable income and...

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A group of ten women in Yemen's Abs district have built and now run a solar microgrid - the first of its kind in the country. The project was set up in 2019 with support from the UN ...

To initiate the pioneer project, \$37,000 grant payment was used to train local women on how to run the microgrid operation and to purchase 36 solar panels, 16 batteries and 2 inverters. Since its implementation in 2018, the project does not only empower local women by allowing them to participate in the economy but also contributes to shaping ...

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The UNDP's solar microgrids are a source of hope among the many conflicts plaguing Yemen. More still, it is likely others will soon follow in the footsteps of the three initial young entrepreneurs. These solar microgrids stations have empowered Yemeni communities to build better and more sustainable futures and will for years to come.

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It has also allowed 40 other women and young people to set up solar micro-grids, which now generate a stable income for the project participants.

The United Nations project "Enhanced Rural Resilience in Yemen" developed an innovative, affordable solar microgrid and funded its installation in three communities in 2020. As reported by the United Nations Development Programme, these microgrids significantly reduced the cost of energy, from 42 cents an hour to two cents an hour .

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