

ANERA SOLAR PANEL INSTALLATION PROJECTS IN LEBANON 2021-2022

AT A GLANCE

A fuel shortage and price surges have brought darkness to Lebanon, including in refugee camps. Anera is responding to the crisis by improving access to electricity at health, community and education centers that provide vital services for refugees and other vulnerable communities. Anera has installed full solar panel systems to run whole facilities as well as partial systems to power specific needs.

HIGHLIGHTS

56 facilities

39 full solar systems

17 smaller initiatives



At 39 facilities, Anera provided

- 676 solar panels
- 234 of batteries
- 327 kilowatt inverters

\$432,728 USD invested

At 17 facilities, Anera provided

- 48 solar panels
- 29 batteries
- 35 kilowatt inverters

\$50,095 USD invested

With these solar interventions.

Anera supported

32 community,

31 healthcare and

12 educational services,

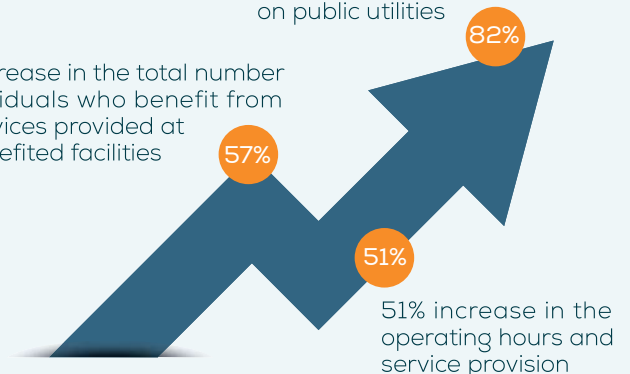
benefiting **793,187 people** a year.



IMPACT & OUTCOMES

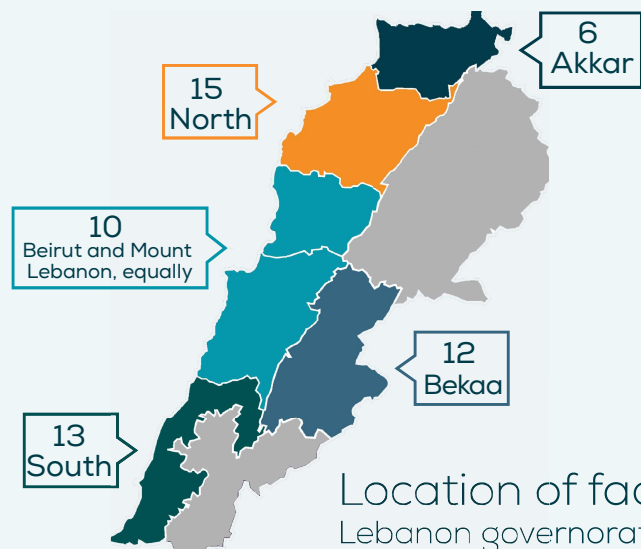
57% increase in the total number of individuals who benefit from the services provided at the benefited facilities

82% of the benefited facilities are less dependent on public utilities



51% increase in the operating hours and service provision

- \$177,840 saved annually after installation
- Decrease in fuel consumption
- Reinvestment of the saved electricity expenses



Location of facilities
Lebanon governorate map

PROJECTS IN THE PIPELINE

Palestinian Red Crescent (PCR): Equipping 5 PCR healthcare facilities in Lebanon with solar systems. This project will provide and install 525 solar panel systems to deliver reliable, renewable sources of electricity to these facilities, which serve vulnerable Palestinian refugee communities in Lebanon. The solar panel systems will provide the facilities with sufficient power to maintain their operations and save 60% of what they now spend on fuel.

Agricultural vocational training (VT) schools: Under the Ministry of Agriculture at the national level, we will equip 7 VT schools across Lebanon with solar systems. We are currently conducting preliminary needs assessments

Sports centers: UNICEF approached Anera to install solar panels for the Ministry of Youth and Sports.



Al-Anwar Al Qobbah, Tripoli, North Lebanon



Al Bas Camp Health Center , South Lebanon