

UNDP AFGHANISTAN ASERD

Duration:

01/2016 to 12/2019

Budget:

US\$ 50,000,000

Implementing Partner:

Ministry of Rural Rehabilitation and Development

Other Key Partners:

Ministry of Energy and Water, Ministry of Education, Ministry of Agriculture, Da Afghanistan Breshna Shirkat, research institutions, private sector, civil society, international organisations



THE ISSUE

RURAL ENERGY

Afghanistan has abundant renewable energy sources, but:

- 1 Only 25% of rural people connected to the grid
- 2 Harmful and costly heating and cooking practices
- 3 Insufficient power for businesses and services
- 4 Inadequate environment and energy policies

MORE INFO:

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UNDP IN ACTION

*Clean, cheap energy in rural areas –
for people and businesses*

We bring renewable energy to > 60,000 rural households by:



Village level grids and thermal energy

Larger scale energy projects, addressing cooking, heating, lighting and business needs



New finance and delivery models

Working with the private sector and financial institutions
Establishing technology-neutral and sustainable service delivery



Greater capacity

Building expertise on sustainability energy in government, research institutions, the private sector and civil society



New policies and regulations

Covering environmental protection, quality control and incentives to private investment

UNDP experience in Afghanistan

ASERD builds on 8 years of experience in rural energy:

Energy

Provided almost 3.5 MW of electricity to remote rural communities through micro hydro power, solar and biogas systems

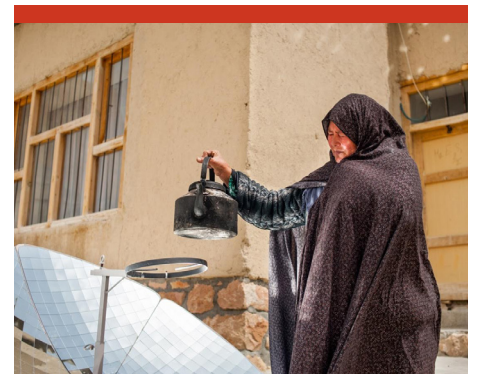
Communities

Involved communities in planning, implementation and monitoring of energy projects

Capacity

Developed the capacity of government to manage energy projects
Trained communities to maintain facilities

The difference we will make



500,000 people

can light their homes with renewable energy

20,000 households

protected from indoor pollution with safe cooking equipment

500 public service buildings

warmer in winter with energy efficient/solar water heaters

500 people

from government/research/private sector enabled to take over project initiatives

7 pilot initiatives

1. Pro-poor public private partnership
2. De-risking financial mechanism
3. Rural energy services with migrant remittances
4. Carbon finance
5. Rural economic zone
6. Women's energy service operation for nomadic communities
7. 'Pay-as-you-go' mobile telephony linked rural electrification