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

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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
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

**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