

Climate change & Technology Needs of Developing Countries

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Islamic Republic of Afghanistan



Afghanistan is a Landlocked country

Located in Heart of Asia

Shares borders with:

Pakistan, Turkmenistan, Uzbekistan

Tajikistan, Iran, and China.

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Literacy	31.5 %
Languages	Pakhto (Pushtu) and Dari (Persian)
Climate	Extreme climate – Very cold winters & Hot summers
Population	32 million



Impacts of Climate Changes in Afghanistan



- Has an arid and semi-arid continental climate with cold winters and hot summers, Currently suffering the most severe drought in living memory
- The worsening climatic conditions continue to impact upon socio-economic development, creating stresses for specific vulnerable groups. Agriculture and water resources management are likely to be severely impacted by changes in climate.

Sectoral Impacts of Climate Change:

- Agriculture
- Social Development
- Water Resources
- Energy





Technology Needs



- After 25 years of war, Afghanistan must rebuild everything, providing housing, energy supply, food, water, sanitation, transportation, healthcare and security
- This has created a unique, but narrow window of opportunity to rebuild the country using the growing body of best practice in sustainable technologies
- Technological boom in Afghanistan is spreading beyond the cities and has the potential to reshape the country



Technological Innovation



- There is high potential of bring renewable energy in use, Afghanistan has more than 300 sunny days a year, opening opportunity for using solar panel, in many areas its already in use.
- Some provinces has about three month of continues wind with a speed of 60 to 90 miles per hour, but there is limited research done to see the possibility of turning it into energy.
- The use of renewable energy has brought a great decrease the use of firewood, and other fuel

Afghanistan Green economy

- Launch in June 2012, a package of products/services – in collaboration with a wide range of partners – to motivate and enable investment in a green economies for the benefit of people, especially the poor and vulnerable, the economy and the environment
- Create a green economy goes hand-in-hand with sustainable development and the achievement of Millennium Development Goals
- National sustainability development strategy

Registration in Afghanistan



Central business registration and Intellectual Property

- Business registration
- Trade Marks registration
- Patents registration

Thank you

Use full links

Afghanistan Ozone Programme <http://www.ozone-afghan.gov.af/>

Afghanistan Central Business registration & Intellectual property <http://www.acbr.gov.af/>