



## **Energy Policy & Regulatory Mechanism presented by :**

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## **Sub Topics**

- **Energy Technology**
- **Encourage rural / Urban**
- **Encourage Gender Mainstreaming**
- **Finance**

# Energy Technology

- A committee should be setup to go for survey to the mountain areas where we have rich sources of water to ensure if the sources can be utilized to generate hydraulic energy.
- Regulatory mechanism should be capable of making decisions favoring the nation.
- As our country is blessed with snowfall, it contributes in increase of water level
- As in Afghanistan we do have 2 Dam of electricity (Daronta , Subi) but its not efficient enough to produced desired energy
- Kokcha, Salang , Amo river, Panjshair river etc... could be considered for the survey.
- For this project government can invite private participation despite taking help from donors or NGOs



# Advantages & Disadvantages

- As for the moment we are facing problems in paying huge amount to neighboring countries for import of power which may include power losses.
- In case of installing our own micro hydro plants, these losses could be reduced and the expenses can be brought down which in turn will enhance our economy in long run.
- Having dispersed small and medium scale hydro plants in Afghanistan will benefit the rural areas falling within the vicinity of the plants to be electrified

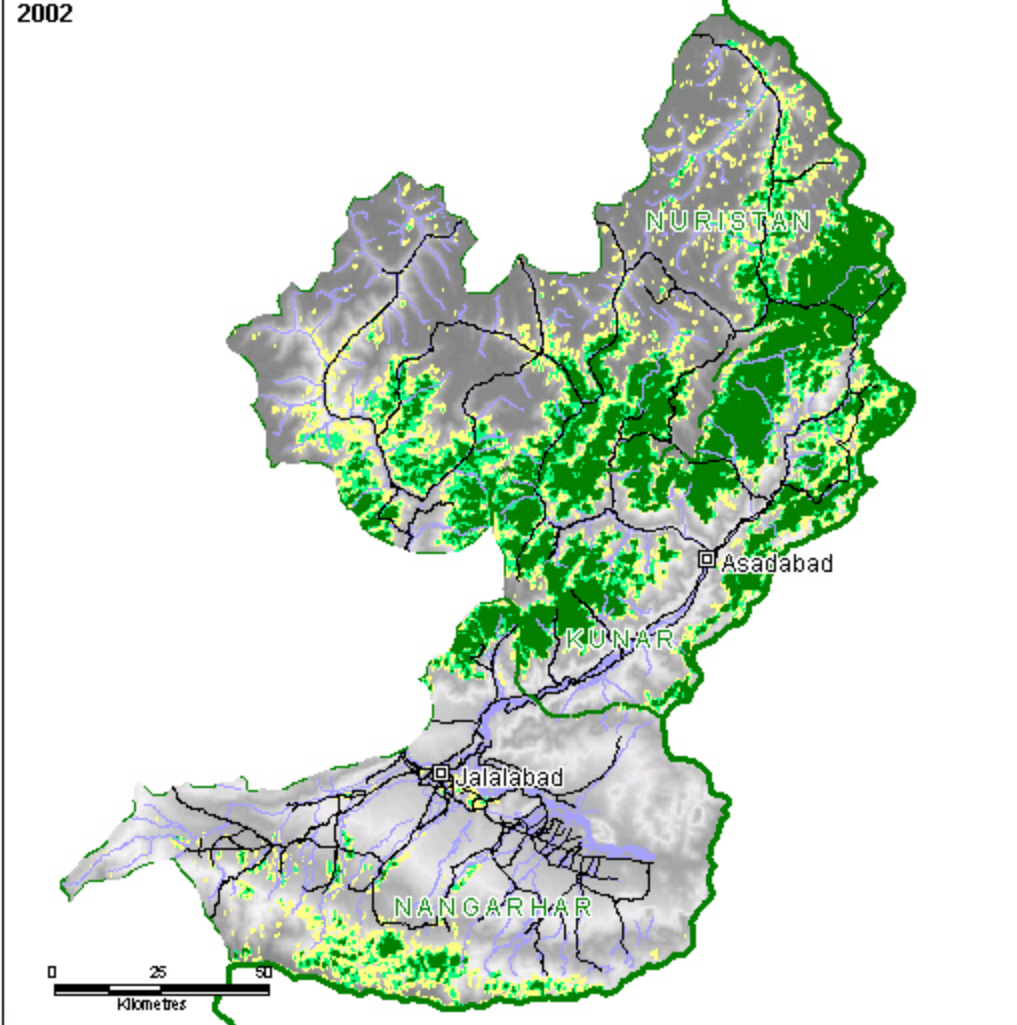
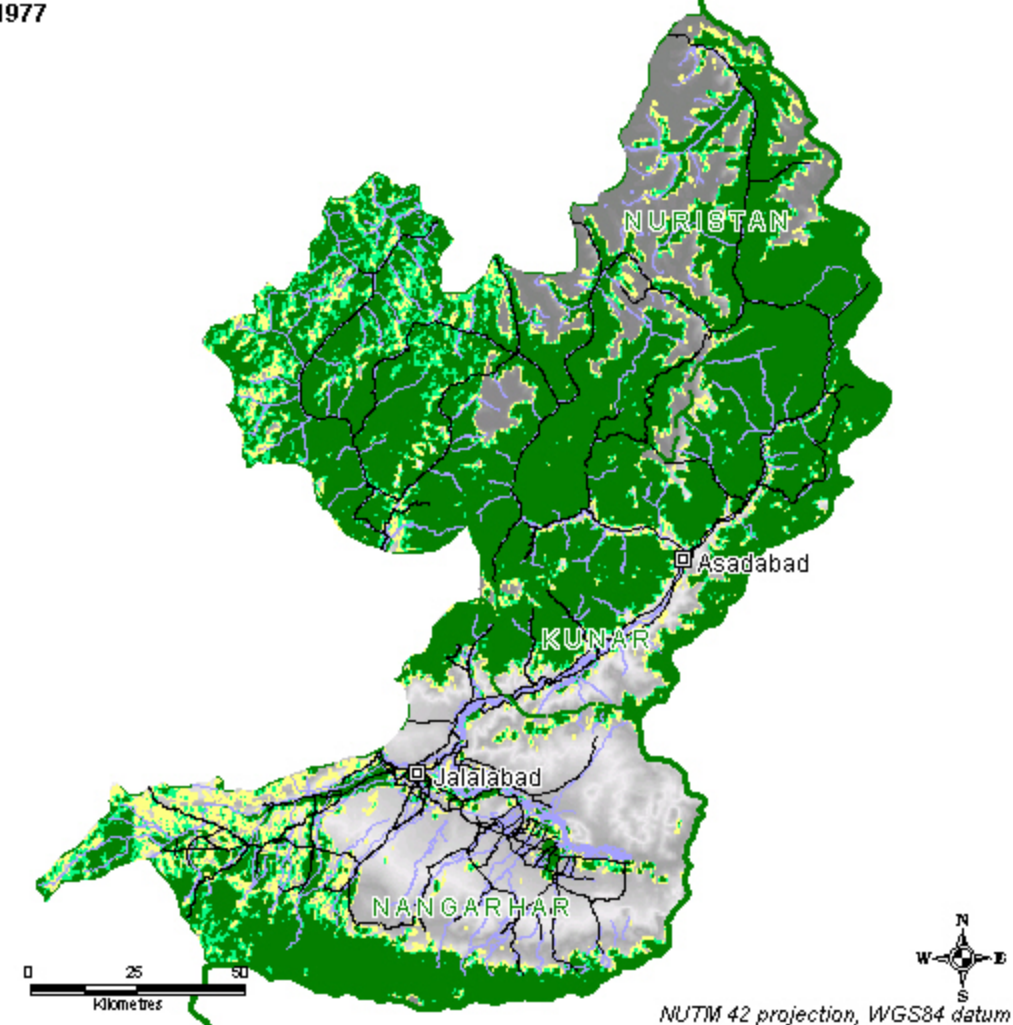


# Encourage rural / Urban

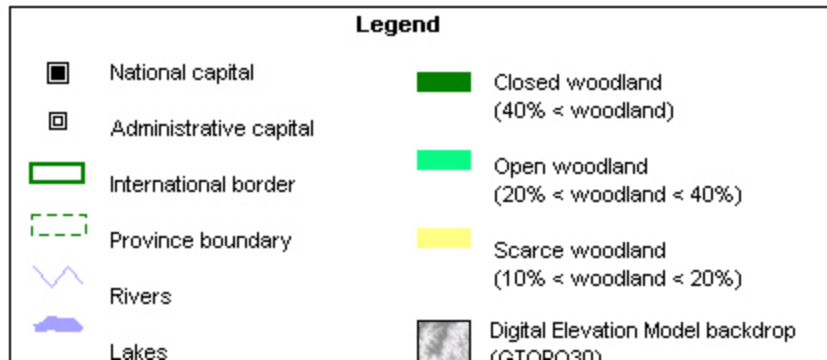
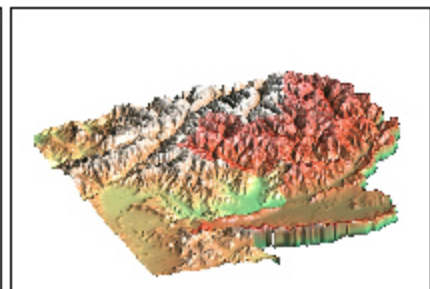
- Dissemination of positive impacts for utilization of RE
- The rating system for energy efficient appliance
- Having hydro plants would not affect health as well as economy, as mostly rural areas use fire woods , Kerosene etc.
- Its clean energy and it would avoid pollution

*Thus no pollution less ailments*





## Afghanistan provinces woodland: Nuristan, Kunar, Nangarhar, 1977 and 2002



### About the map

Changes in woodland cover and density derived from Landsat MSS and ETM+ satellite imagery.

Date of image acquisitions:

- 17 June 1976 and
- 11 September 1977 (MSS)
- 30 August 2002 and
- 22 September 2002 (ETM+)

Image processing: DIGITECH Intl





# Encourage Gender Mainstreaming

- Women can be encouraged to participate equally in all activities of hydro plants ,especially in operating and maintenance
- Quality of life can be improved by women employments
- The consumption of electricity should be less in households
- Usage of energy efficient devices.



# Finance

- Support of USAID should be there for implementing the project by the means of finance.
- The private sector should be encouraged to participate.
- Beneficiary and the users can also contribute financially up to a certain extent.
- Can take help of financial institutes.
- Overall policies should encourage investments by private players.



**Thanks / Tashakur / Manana / Dhanyawad**