

Capacity Development for Afghanistan Women  
**WISER** Training Workshop to Enhance Clean Energy Access

# Energy Policy Development

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# What is Energy Policy?

**Energy policy details as to how:**

**Issues of energy development, including**

- **Energy production**
- **Energy distribution *and***
- **Energy consumption**

**are to be addressed**

# **Energy Policy to address...**

- **The dominant issue: Energy Crisis  
(Risk of supply-demand mismatch)**
- **Energy Security**
- **Environmental concerns like Pollution,  
Climate change issues**
- **Transformation from Traditional practices**
- **Tools: Economic and Energy Modelling**

**Energy Planning is part of Economic Planning**

# **Energy Policy: Defining Limits**

**Chief elements intrinsic to energy policy:**

- What environmental externalities are forecast and are acceptable?**
- Type and Sources of energy for transportation**
- What fraction will endure energy poverty?**
- How to drive provinces and municipal bodies to fall in?**
- What mechanisms are in place to implement the policy?**  
**(taxation, incentives, standards, labelling...)**

# **Energy Policy: Limits - 2**

## **Chief elements intrinsic to an energy policy-2:**

- The extent of energy self-sufficiency desired**
- For the future, from where to source energy?**
- What will be the sector-wise consumption?**
- On energy intensity, where do we move to?  
(ratio of energy consumed to GDP)**
- What is the distribution reliability expected?**
- How to encourage energy efficiency and renewable energy?**

# **Attributes of Energy Policy**

**The attributes of energy policy include:**

- 1. Legislation**
- 2. International treaties**
- 3. Incentives to investment**
- 4. Guidelines for energy conservation**
- 5. Mode and extent of taxation**
- 6. Other public policy techniques**

# **Policy to include**

- **Statement of national policy regarding planning, generation, transmission and usage of energy**
- **Legislation on commercial energy activities (storage, transport, trading etc.)**
- **Legislation controlling energy use, such as efficiency standards, emission standards etc.**
- **Instructions for state owned energy organizations and sector assets**
- **Active participation in, co-ordination of and incentives for fuel exploration and other R&D**

# Policy to include (2)

- **Fiscal policies related to energy products and services (taxes, exemptions, subsidies) .**
- **Energy Security and international policy measures such as:**
  - international energy sector treaties and alliances
  - general international trade agreements
  - special relations with energy-rich countries, including military presence and/or domination

# Let us discuss

## Energy Policy for Afghanistan 2010

- Focus on Energy Security

: You have unreliable supply at an unreasonable cost /or

: You are left to fetch it for yourself at “no cost”??

- Both are unsustainable

> Want to Increase use of Renewable Energy?

> Emphasize Efficient use of energy?

> Want to decrease reliance on ‘imports’?

> Favour Distributed Generation?

> Care for Environmental Security?

: Needs Political strategy & diplomacy

**Want reliable, affordable supply of energy  
and it should be environmentally sustainable!**

**Energy Policy Development**

**Thank You!**

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