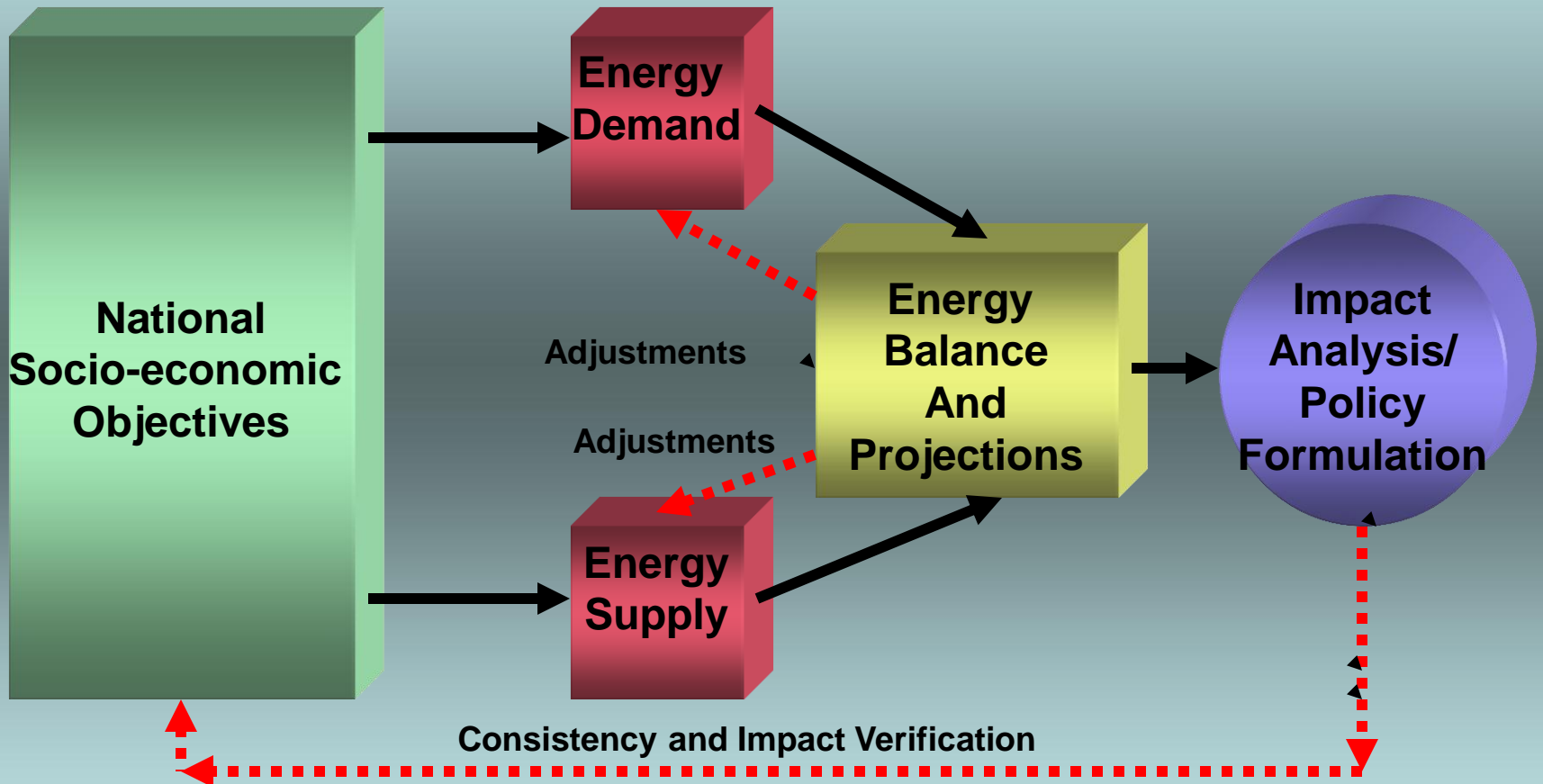


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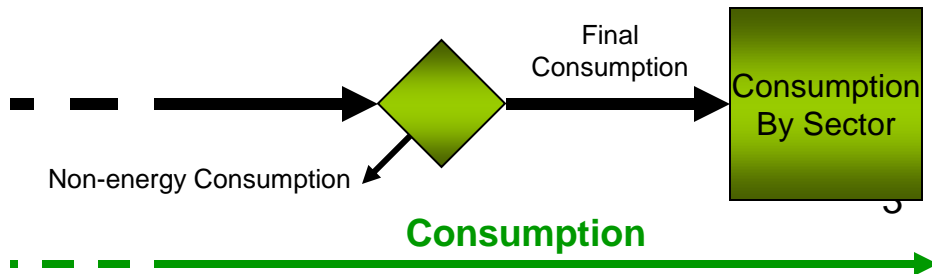
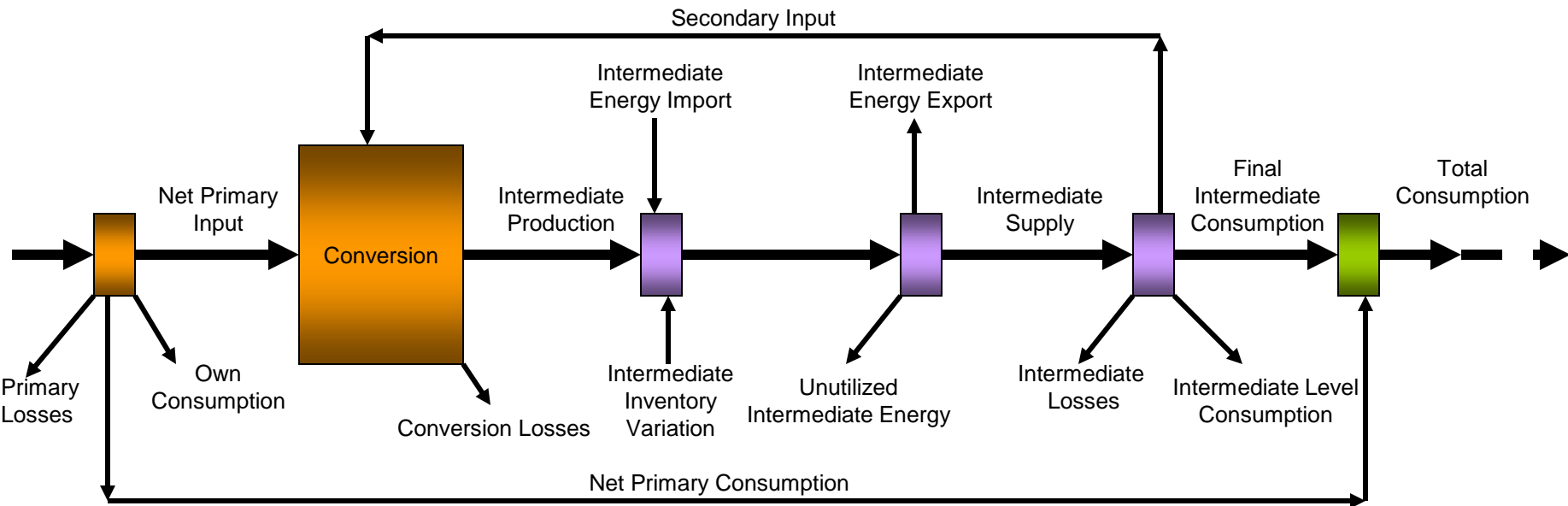
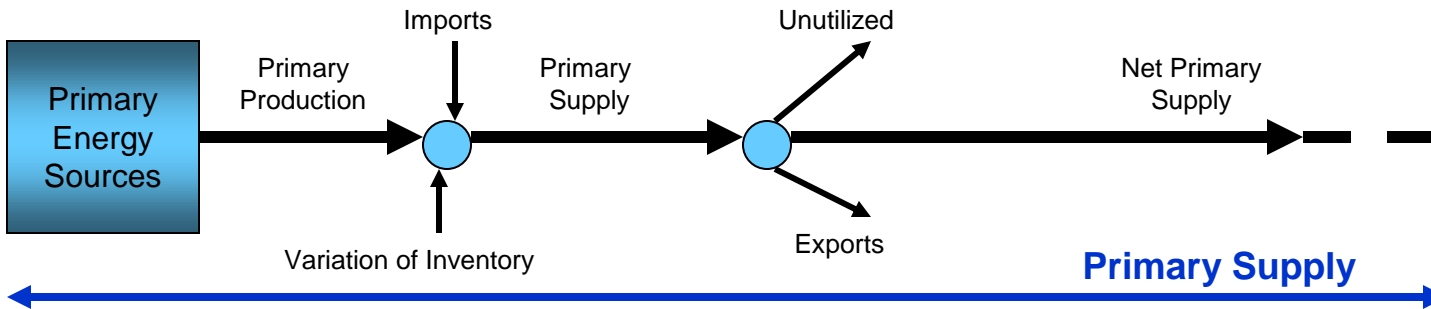
# Pakistan's Energy Sector: From Crisis to Crisis – Breaking the Chain

1. **Introduction: Gravity of the Situation**
2. **Introducing Integrated Energy Planning and Policy Formulation (IEP)**
  - IEP Flow Chart; Energy Balance: Pakistan's Expertise
  - Institutional Structure Requirements: Political Will
3. **Four Sets of Issues and How IEP can Address Them**
  - The Glaring Omission: Non-commercial Energy
  - The Common Trap
  - Cost Penalty of Sub-optimal Plans
  - Circular Debt and Associated Issues
4. **How did We Get Here: Stop-go Reforms; Policy Reversals; Bureaucracy; Missed Opportunities; Declining Security**
5. **IEP in Pakistan**
  - An Encouraging Start in the Early 1980s
  - Unraveling: Fragmentation of Policy Institutions
6. **Conclusion: Imperative of Revitalizing IEP**

← The Integrated Energy Plan →

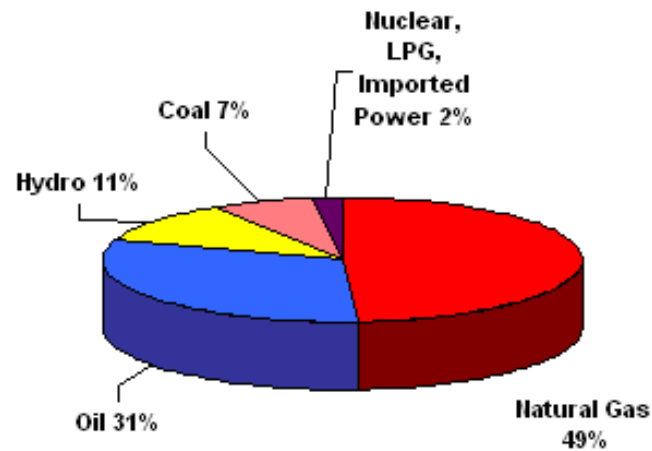


The IEP Process

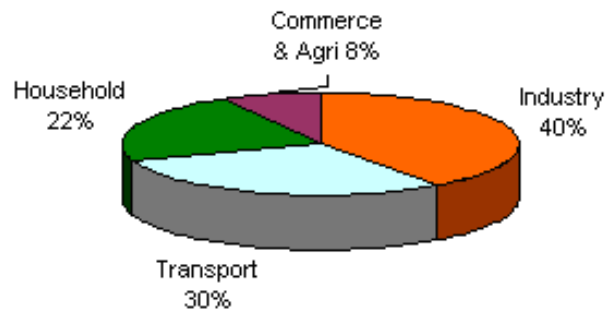


**Energy Balance Flow Diagram**

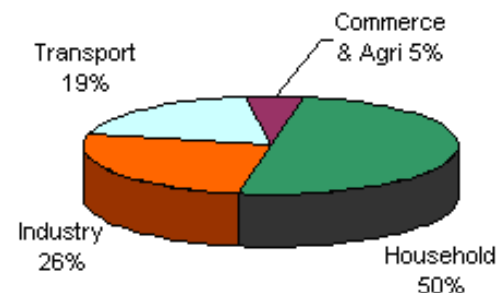
**Primary Commercial Energy Supply**  
**Total 63 Million Tons of Oil Equivalence**



**Commercial Energy Consumption**  
**Total 37 Million Tons of Oil Equivalence**



**Energy Consumption: Commercial and Non-Commercial**



**Pakistan Energy Supply and Consumption 2010**

Source: Derived from Pakistan Energy Yearbook and Other Sources



# International Experience

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- ❑ *IEP introduced in 1970s and successfully applied in many countries*
- ❑ *De-emphasized in the early 1990s*
- ❑ *Promotion of market forces in the early post-Soviet era*
- ❑ *World Bank Global Energy Strategy feedback*
- ❑ *Triumph of common-sense over ideology*
- ❑ *How the World reacted*
- ❑ *Turkey and Kazakhstan good examples for Pakistan*

# IEP in Pakistan

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- *The early years – an excellent start*
  - *Planning Unit in DGER*
  - *Decision to move unit to central location in Planning Commission*
  - *Administrative Orders issued; Budgets approved*
  - *Policy Board set up*
- *The Unraveling*
- *The Solution – Revitalizing IEP*

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Thank You