## **Complexity of Accelerator Driven System**

P. Singh

Bhabha Atomic Research Centre Mumbai-400 085

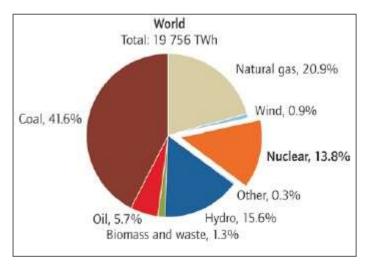
Email: psingh@barc.gov.in

## Plan of the talk:

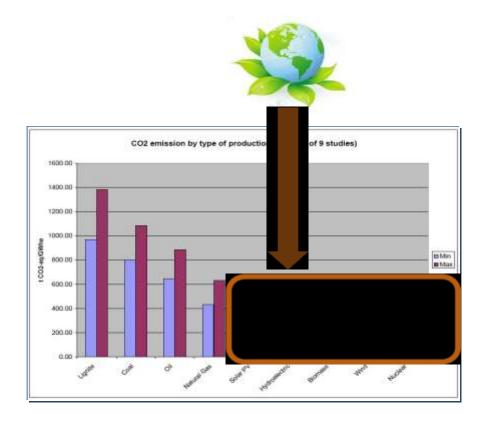
- 1. Introduction
- 2. Why is Accelerator Driven sub-critical reactor System (ADS) so important?
- 3. Issues with ADS
- 4. Summary & conclusions.

Indo-Japan Accelerator School, IUAC Feb 17, 2015

## Facing the energy challenge



Electricity generation worldwide



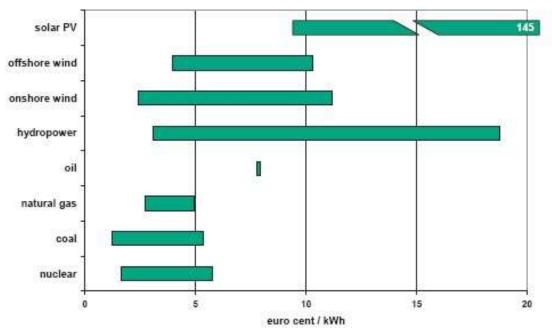


FIG. A-3. The ranges of levelized costs associated with new construction as estimated in seven recent studies for electricity generating technologies in different countries (PV: photovoltaic),