



## The 5<sup>th</sup> Kitakyushu Initiative Network Meeting

### Session D Energy and air quality

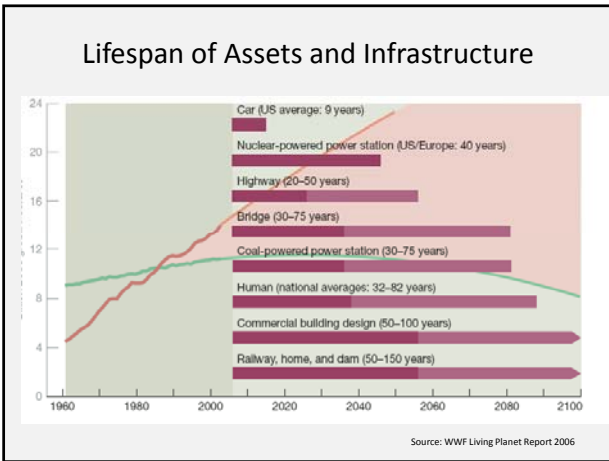
Kelly Hayden  
Environment and Development Division  
Economic and Social Commission for Asia and the Pacific



## Focus on urban infrastructure

- Cities contribute 67% of world's primary energy demand and are responsible for 71% of global CO<sub>2</sub> emissions (\*)
- Given the projected rate of urbanization, cities are expected to increase this share to 73% energy use and 76% of CO<sub>2</sub> emissions by 2030 if nothing is done to correct current practices (\*)
- In Asia-Pacific 40% of population (1.6 billion) currently lives in urban areas; by 2030, a majority (around 2.7 billion) will live in cities and towns
- 40% of Asia-Pacific's urban residents live in slums, without adequate shelter and basic services
- Over 80% of the region's GDP is produced in cities and towns

(\*) World Energy Outlook 2008



## Presenters

Prof. Brahmanand Mohanty  
**Conceptual Framework & Benefits of Energy Efficiency in Buildings**

Mr. Aziz Mansurov on behalf of the Association of Alumni of the Tajik Technical University  
**Environment and Energy Efficiency in public buildings of Dushanbe City**

Prof. Brahmanand Mohanty  
**Large scale implementation of energy efficiency in buildings**

Ms. Victoria M. Segovia, Clean Air Initiative Asia Centre  
**Clean Air Initiative for Asian Cities**