Green Telecommunications



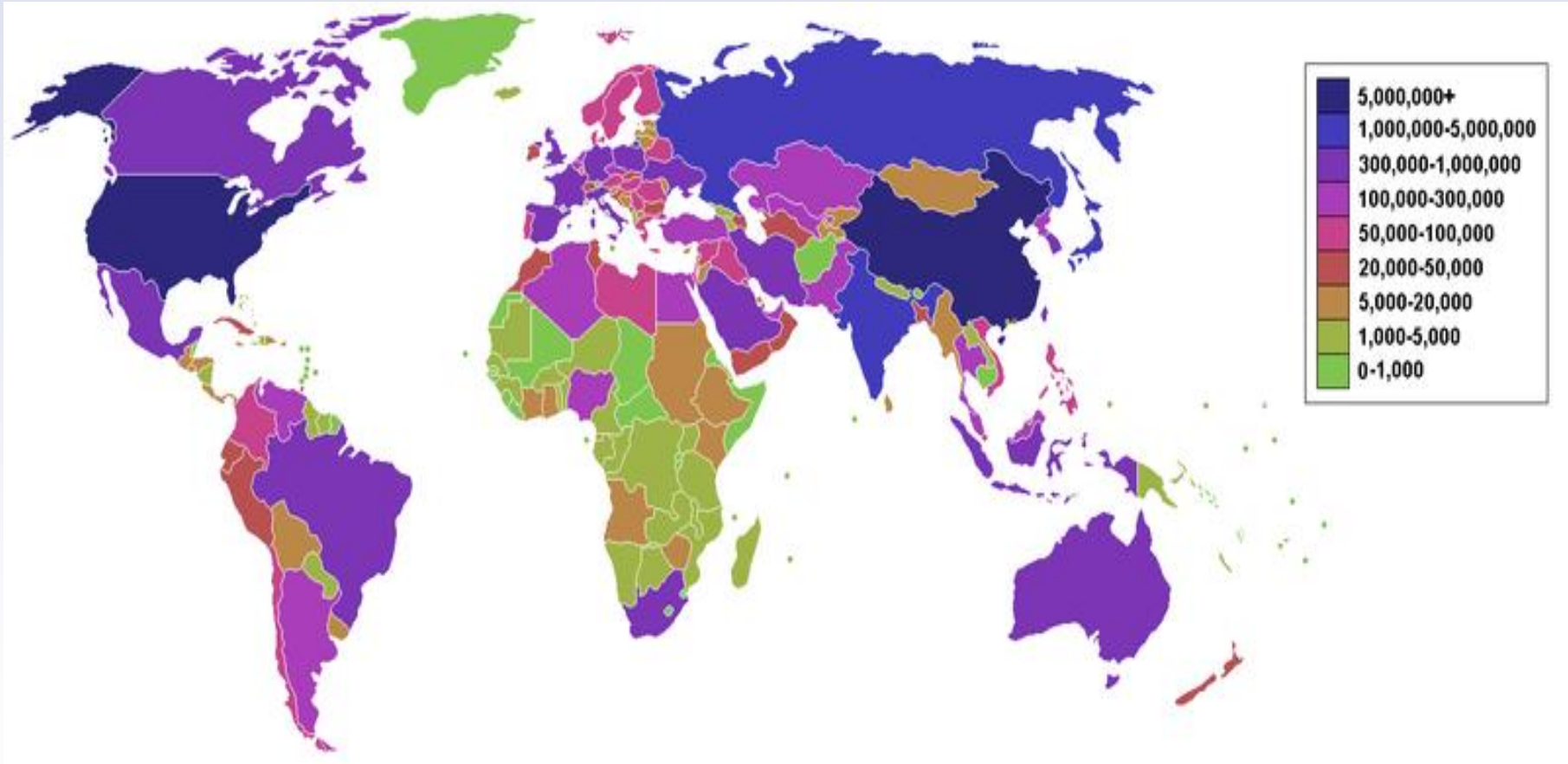
For



Green Bangladesh

Green Power for Mobile

Countries by carbon dioxide emissions in thousands of tons per annum, via the burning of fossil fuels (blue the highest).



Bangladesh emits only 0.16% of total world carbon emission

source: wikipedia

Carbon Emission Facts From Telecom Sector

- The total global carbon footprint of the ICT industry as a whole is in the order of 860 million tons CO2 which is approximately two percent 2% of the global emissions

- contribution from global telecommunication systems-mobile, fixed and communication devices are around 230 million tons CO2 or approximately 0.7% of global emissions

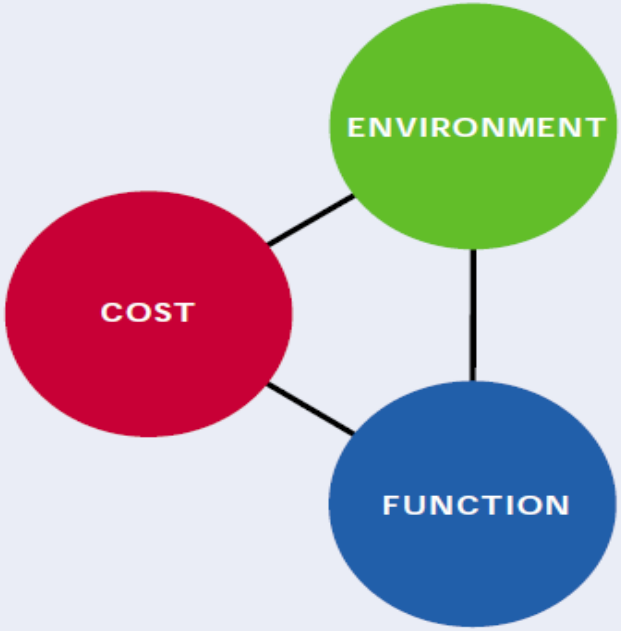
- any telecom operator the network uses 86% of the energy. The tower sites use 65% and the core network 21%. As compared to this all vehicles use just 1% and the corporate office 12%.

Source: 13th Meeting of the South Asian Telecommunications Regulator's Council
18 – 20 April 2012, Kathmandu, Nepal

Motivation for Green Telecom

In the case of telecommunications the factors that are leading to enhanced action on greening are as follows:

- Need to reduce the cost of operations of the telecom network by reducing energy cost.
- Need to expand network into rural areas where power availability is poor.
- Renewable energy technology becoming available at increasingly reducing cost.
- Creating sustainable businesses has become important where the objective is not only to create products and services through ethical means but also minimize environmental impact and improve communities.
- International treaties like Kyoto Protocol

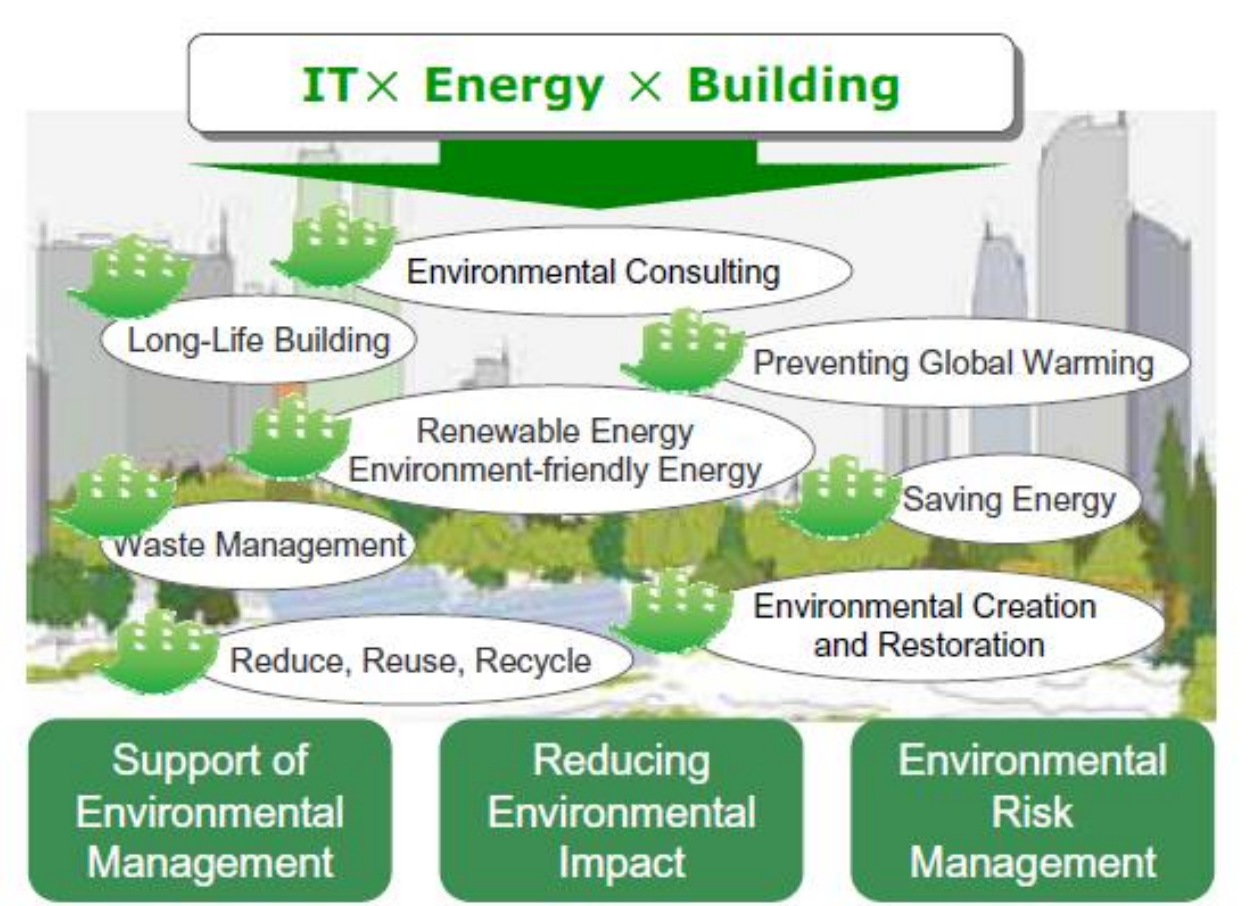


Green Decision Model

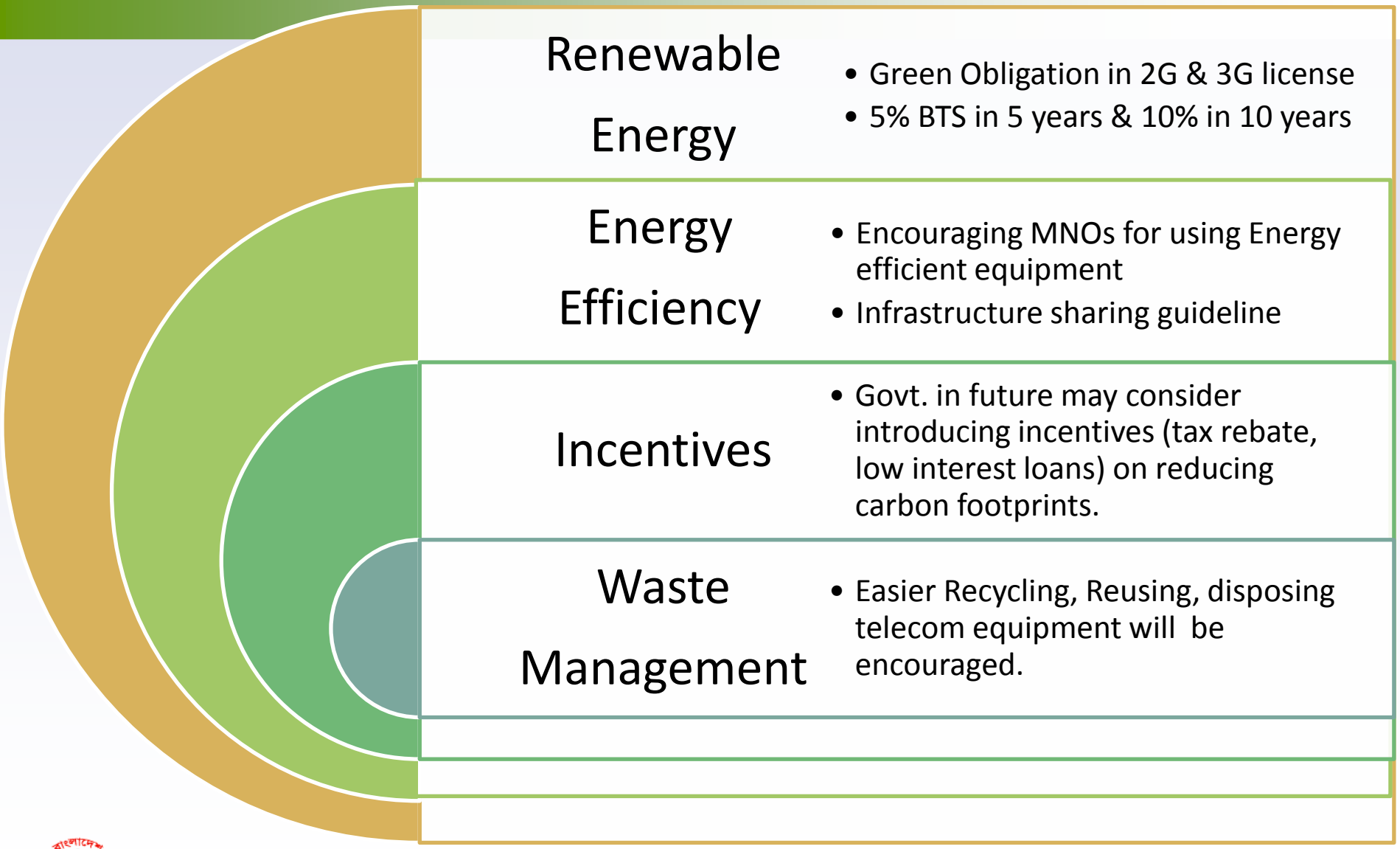
Key Aspects of Green Telecommunication in Bangladesh

Green Power for Mobile

Bangladesh is one of the vibrant and growing telecommunication markets in the world. Energy efficiency & Green power initiatives hold very important prospective for Bangladeshi telecommunication market. Government is fully committed to introduce and expand scopes of green telecom initiatives.



Major Government Initiatives



Thank You

