

**GOVERNMENT OF INDIA  
ENVIRONMENT AND FORESTS  
LOK SABHA**

UNSTARRED QUESTION NO:33  
ANSWERED ON:05.08.2013  
GREEN HOUSE GAS EMISSION  
Kurup Shri N.Peethambara

**Will the Minister of ENVIRONMENT AND FORESTS be pleased to state:**

- (a) whether the green-house gas emissions by developed nations is major cause for environmental degradation;
- (b) if so, the details thereof and the action taken by the Government thereon; and
- (c) the present status of green-house gas emissions in the world?

**Answer**

MINISTER OF STATE (INDEPENDENT CHARGE) FOR ENVIRONMENT AND FORESTS (SHRIMATI JAYANTHI NATARAJAN)

(a) and (b) According to the Fourth Assessment report of the Intergovernmental Panel on Climate Change (IPCC), the Green House Gases (GHG) emissions cause warming and induce many changes in the global climate system with likelihood of causing adverse impacts in various sectors such as water resources, agriculture, forests, natural eco-systems, coastal zones, health, energy and infrastructure.

Government has released National Action Plan on Climate Change (NAPCC) on June 30 2008. Two of the eight National Missions i.e. National Solar Mission and National Mission on Enhanced Energy Efficiency relate to mitigation of emissions and include ambitious programmes aimed at generating solar power and conserving energy. Energy Efficiency mission envisages setting norms for achieving energy efficiency under perform, achieve and Trade Scheme.

(c) As per the United Nations Framework Convention on Climate Change GHG emissions data for the year 2010, the total aggregate GHG emissions including Land Use, Land Use Change and Forestry (LULUCF) for the developed and developing countries is in order of 15124.4 Teragram (Tg) Carbon dioxide equivalents (CO<sub>2</sub>- eq) and 11931.495 Tg CO<sub>2</sub>- eq respectively.