

1	2	3
16	Up-gradation of Salim Ali Interpretation Centre	0.500
17	Up-gradation of road network used in protection	3.000
18	Control of undesirable species of plants like water hyacinth, <i>Ipomea</i> , <i>Lantana</i> etc.	0.200
19	Removal of invasive African Catfish (<i>Clarias gariepinus</i>) from wetland	0.150
20	Control of feral bulls inside the park - cost of tranquilizing drugs, syringe and charge, cost of hiring doctors	0.800
21	Cattle health camps in the villages including cost of hiring doctors	0.450
22	Biodiversity assessment of the park and aquatic vegetation monitoring	1.000
23	Raising of height of old boundary wall	4.400
24	Creation of fire lines	1.420
25	Nature Camps	0.300
26	Repair, Maintenance of sluice gates, grills, culverts, Hume pipes etc at various points in the park	0.250
27	Augmentation of water supply from bore wells, diesel for the pump sets for 5 months and water transportation to isolated waterholes during summer	4.500
28	Repair of the water entry and exit points in the park all around the park boundary	0.500
Total		87.860

Carbon emissions

2296. SHRI R.C. SINGH: Will the Minister of ENVIRONMENT AND FORESTS be pleased to state:

(a) whether it is a fact that India's emissions have gone up by 52 per cent between 1994 and 2007;

(b) if so, the details thereof; and

(c) what efforts the Ministry is making to bring down the carbon emissions in the country?

THE MINISTER OF STATE OF THE MINISTRY OF ENVIRONMENT AND FORESTS (SHRI JAIRAM RAMESH): (a) As per the latest estimates of greenhouse gas emissions available from the Indian Network for Climate Change Assessment (INCCA), the greenhouse gas emission of India have gone up from 1.25 billion tonnes of CO₂ equivalent in 1994 to 1.90 billion tonnes of CO₂ equivalent in 2007 which is approximately an increase of 52% in a period of thirteen years.

(b) The sector wise details of the major sources of Green House Gas emissions in India and their quantities for the year 1994 and 2007 are as follows:

Sector	1994	2007
	Million tonne of CO ₂ eq	Million tonne of CO ₂ eq
	(MtCO ₂ eq)	(MtCO ₂ eq)
Electricity	355	719
Transport	80	142
Residential	79	138
Other Energy	79	101
Cement	61	130
Iron & Steel	91	117
Other Industry	125	165
Agriculture	344	334
Waste	23	58

(c) The Planning Commission has set up an Expert Group on Strategy for a Low Carbon Economy under the Chairmanship of Dr. Kirit Parikh to outline an action plan comprising low carbon initiatives to be undertaken including sector-specific initiatives.