

Roadmap for achieving INDCs

2129. SHRI P. BHATTACHARYA:

SHRI DARSHAN SINGH YADAV:

Will the Minister of ENVIRONMENT, FOREST AND CLIMATE CHANGE be pleased to state:

- (a) whether Government plans to prepare a year-wise roadmap for achieving targets of Intended Nationally Determined Contributions (INDCs) and if so, the details thereof;
- (b) whether Government has plans to integrate low carbon technologies and emission reduction measures in various Government schemes and programmes and if so, the details thereof; and
- (c) whether Government has estimated the annual investments required to achieve 40 per cent of non fossil fuels installed capacity by 2030 and if so, the details thereof?

THE MINISTER OF STATE OF THE MINISTRY OF ENVIRONMENT, FOREST AND CLIMATE CHANGE (SHRI ANIL MADHAV DAVE): (a) India's Intended Nationally Determined Contributions (INDCs) are to be implemented between the period 2020 and 2030. The Government has undertaken consultations with the relevant Ministries to finalize the programmes and measures for implementing the INDCs.

(b) Government of India is implementing the National Action Plan on Climate Change (NAPCC) which includes eight National Missions in specific areas of Solar Energy, Enhanced Energy Efficiency, Sustainable Habitat, Water, Sustaining the Himalayan Ecosystem, Green India, Sustainable Agriculture and Strategic knowledge for Climate Change and are being implemented by various Ministries. All States and Union Territories (UTs) have also been requested to prepare State Action Plan on Climate Change (SAPCC) in line with the objectives of the NAPCC. So far, 32 States and UTs have prepared their SAPCC.

(c) India's INDCs are to be implemented in post 2020 period and till 2030. Technology costs and options would keep evolving in the relevant areas and precise projections at the present juncture would not be meaningful.

Death of tigers in zoos

†2130. DR. VINAY P. SAHASRABUDDHE: Will the Minister of ENVIRONMENT, FOREST AND CLIMATE CHANGE be pleased to state:

(a) the number of tigers died in zoos located in various States across the country, during the last three years;

(b) the permanent solution being contemplated by Government by going beyond

†Original notice for the question was being sent on 11/12/2016.

old policies in order to check the ever increasing death of tigers; and

(c) the details of reasons as to why illegal poaching continues unabated despite the rules put in place to prevent it?

THE MINISTER OF STATE OF THE MINISTRY OF ENVIRONMENT, FOREST AND CLIMATE CHANGE (SHRI ANIL MADHAV DAVE): (a) The details of number of tigers died in zoos in various States across the country during last three years are given in the Statement (*See below*).

(b) The important steps taken to check death of tigers in zoos include the following:

(i) The Central Zoo Authority has stipulated standards/norms under Recognition of Zoo Rules, 2009 for development and planning, housing and animal enclosures, upkeep and healthcare, veterinary care and infrastructure etc. in the zoos for better management of captive wild animals including tigers.

(ii) The Central Zoo Authority has issued following directives to all recognized zoos in the country:

- (1) Suggested Health Monitoring Protocol for Zoos.
- (2) Monitoring of Hygiene and Incidence of Blood Borne Disease in Zoos.
- (3) Supply of quality feed for Zoo Animals.
- (4) Population control measures for Lions, Tigers and common ungulates.

(iii) The Central Zoo Authority has designated the Indian Veterinary Research Institute, Bareilly as National Referral Centre for disease diagnosis and care of wild animals.

(c) Human wildlife conflicts, lucrative prices of wildlife and derived products are mainly responsible for poaching of tigers in the country. All possible steps are taken to control poaching of tigers and other wildlife as per provisions of Wild Life (Protection) Act, 1972.

Statement

Zoo-wise details of number of tigers died in zoos located in various States across the country, during the last three years

Sl. No.	State	Zoo	Financial year		
			2013-2014	2014-2015	2015-2016
1	2	3	4	5	6
1.	Andhra Pradesh	Indira Gandhi Zoological Park, Visakhapatnam	3	4	0
2.	-do-	Sri Venkateswara Zoological Park, Tirupati	2	0	4

1	2	3	4	5	6
3.	Andhra Pradesh	*Nehru Zoological Park, Hyderabad (before bifurcation of Andhra Pradesh)	1	0 (up to 02.06. 2014)	-
4.	Assam	Assam State Zoo Cum Botanical Garden, Guwahati	0	1	2
5.	Chhattisgarh	Kanan Pendari Zoo, Bilaspur	3	0	0
6.	-do-	Maitri Baagh Zoo, Bhilai	1	6	3
7.	Delhi	National Zoological Park, Delhi	5	1	1
8.	Gujarat	Dr. Shyama Prasad Mukherjee Zoological Garden, Surat	0	4	2
9.	-do-	Indroda Nature Park Zoo, Gandhinagar	1	0	0
10.	-do-	Kamla Nehru Zoological Garden, Ahmedabad	0	0	2
11.	-do-	Rajkot Municipal Zoo, Rajkot	0	1	0
12.	-do-	Sakkarbaug Zoo, Vadodara	1	1	0
13.	Haryana	Mini Zoo. Bhiwani	0	1	0
14.	-do-	Rohtak Zoo, Rohtak	0	0	1
15.	Jharkhand	Bhagwan Birsa Biological Park, Ranchi	0	1	0
16.	-do-	Jawaharlal Nehru Biological Park, Bokaro	1	0	0
17.	-do-	Tata Steel Zoological Park, Jamshedpur	0	0	1
18.	Karnataka	Bannerghatta Biological Park, Bengaluru	7	5	3
19.	-do-	Dr. K. Shivarma Karanth Pililkula Biological Park, Mangaluru	1	1	1
20.	-do-	Sri Chamarajendra Zoological Gardens, Mysuru	3	0	2
21.	-do-	Tiger & Lion Safari, Shimoga	2	0	2
22.	Kerala	Thiruvananthapuram Zoo	0	0	1
23.	Madhya Pradesh	Gandhi Zoological Park, Gwalior	1	0	1

1	2	3	4	5	6
24.	Madhya Pradesh	Kamla Nehru Prani Sanghralhalaya, Indore	4	6	3
25.	-do-	Van Vihar National Park Zoo, Bhopal	2	2	3
26.	Maharashtra	Aurangabad Municipal Zoo, Aurangabad	2	0	1
27.	-do-	Rajiv Gandhi Zoological Park And Wildlife Research Centre, Pune	0	1	0
28.	-do-	Sanjay Gandhi National Park - Zoo, Borivali	0	0	4
29.	Odisha	Nandankanan Biological Park, Bhubaneswar	1	2	2
30.	Punjab	Mahendra Chaudhury Zoological Park, Chhatbir	0	6	3
31.	Rajasthan	Nahargarh Biological Park, Jaipur	0	1	1
32.	-do-	Machia Biological Park, Jodhpur	1	0	0
33.	-do-	Sajjangarh Biological Park, Udaipur	0	1	0
34.	Tamil Nadu	Arignar Anna Zoological Park, Chennai	5	2	2
35.	Telangana	Nehru Zoological Park, Hyderabad	-	0 (from 03.06.2014)	1
36.	Tripura	Sepahijala Zoological Park, Agartala	0	0	1
37.	Uttar Pradesh	Kanpur Zoological Park, Kanpur	2	0	0
38.	-do-	Nawab Wazid Ali Shah Zoological Garden, Lucknow	0	0	1
39.	Uttarakhand	Pt. Govind Ballabh Pant High Altitude Zoo, Nainital	0	1	0

Extraction of minerals in Badigaon in Uttarakhand

†2131. SHRI MAHENDRA SINGH MAHRA: Will the Minister of MINES be pleased to state:

(a) whether it is a fact that various metals have been found in Badigaon near Askot in Pithoragarh district of Uttarakhand;

(b) if so, the names of those metals;

†Original notice of the question was received in Hindi.