

**GOVERNMENT OF INDIA  
MINISTRY OF SCIENCE AND TECHNOLOGY  
DEPARTMENT OF SCIENCE AND TECHNOLOGY  
LOK SABHA  
UNSTARRED QUESTION NO.2503  
TO BE ANSWERED ON 26/12/2018**

**DEVELOPING BAMBOO BASED PRODUCTS**

2503. **SHRI S. RAJENDRAN:  
KUNWAR HARIBANSH SINGH:  
SHRI S.R. VIJAYAKUMAR:  
SHRI SUDHEER GUPTA:  
SHRI T. RADHAKRISHNAN:**

Will the Minister of SCIENCE AND TECHNOLOGY विज्ञान और प्रौद्योगिकी मंत्री be pleased to state:

- (a) whether the Ministry has implemented the programmes to develop value added bamboo based products, technology and processing to improve innovation, design capability and facilitate industry laboratory linkages and if so, the details thereof;
- (b) whether the Government has been able to achieve its objectives and if so, the details thereof;
- (c) the details of the funds allocated/ spent during each of the last three years and the current year, State/UT-wise and the number of entrepreneurs trained during the said period; and
- (d) the steps taken/being taken by the Government to popularize the use of bamboo products by common man of the country?

**ANSWER**

**MINISTER OF SCIENCE AND TECHNOLOGY, MINISTER OF EARTH SCIENCES AND MINISTER OF ENVIRONMENT, FOREST AND CLIMATE CHANGE  
(DR. HARSH VARDHAN)**

विज्ञान और प्रौद्योगिकी मंत्री, पृथ्वी विज्ञान मंत्री और पर्यावरण, वन एवं जलवायु परिवर्तन मंत्री

(डा. हर्ष वर्धन)

(a) Yes, Madam. The Ministry has implemented the National Mission on Bamboo Applications (NMBA) which was approved by the Cabinet in 2004. This Technology Mission was implemented during the Tenth Plan by the Ministry through Technology Information, Forecasting and Assessment Council (TIFAC), an autonomous body of Department of Science & Technology (DST). The basic mandate of the Mission was to provide impetus to the bamboo sector and facilitate realization of its considerable potential: (i) To develop value added based products, practices, technology and processes, (ii) To promote innovative design capabilities and fabrication techniques, (iii) To improve industry-lab-user linkages, (iv) To develop small & medium enterprises and (v) To empower people and communities. The Mission functioned as a catalyst and a demonstrator of technologies & processes; a knowledge repository; a facilitator; and in pivotal areas as an implementer. The Mission provided Technology Development Assistance to more than 100 bamboo processing units spread across the country with majority being in the North Eastern States due to large availability of bamboo. The activities undertaken by entrepreneurs include stick making, mat weaving, flooring, mat boards, blinds, charcoal, bamboo shoot processing, etc.

(b) In view of the successes and achievements of the Mission, it was extended for the entire duration of the Eleventh Plan by the Cabinet. As the Mission had finite life, co-terminus with the Plan period, it was decided to give it an organizational status for being able to provide support to the bamboo sector on a sustainable basis apart from other technologies. Accordingly, Cabinet at its meeting in June 2012 approved the formation of the North East Centre for Technology Application and Reach (NECTAR). The Cabinet also approved the subsuming of all the activities and assets of NMBA into NECTAR. The Centre was formed as an autonomous society under DST.

(c) There was no provision under NMBA nor there is a mandate for NECTAR to make state/UT-wise allocations. The supply of proper variety of bamboo reduced drastically during last 6-7 years so no new units came up. Therefore, there was no funding during 12<sup>th</sup> plan and thereafter. More than 11000 entrepreneurs have been trained in different programmes/activities during the period from 2004-2014. The economic activity generated as a result of the training programmes was of the order of Rs 20 crores.

The restructured National Bamboo Mission (NBM) has been launched in April, 2018 with an outlay of Rs.1290 crore for two year i.e till the end of 14<sup>th</sup> Finance Commission under the Ministry of Agriculture and Farmer's Welfare. An amount of Rs.111.05 crore has been released to States/Agencies during the year 2018-19(till 19.12.2018). State wise details of funds released under the restructured National Bamboo Mission (NBM) are at Annexure-I.

(d) The scheme is being implemented in non-forest Government land and private farmers field & States where it has social, commercial and economical advantage, including the bamboo rich States of North Eastern region and in Madhya Pradesh, Maharashtra, Chhattisgarh, Odisha, Karnataka, Uttarakhand, Bihar, Jharkhand, Andhra Pradesh, Telangana, Gujarat, Tamil Nadu and Kerala. It focuses on the development of complete value chain of bamboo sector to link growers with consumers and to support the development of entire value chain starting from planting material, plantation, creation of facilities for collection, aggregation, processing marketing, micro, small & medium enterprises, skill development and brand building initiative in a cluster approach mode.

## State wise details of funds released under the National Bamboo Mission (NBM)\* during the year 2018-19

Name of State	Amount in Lakhs	
	Allocation	Released (as on 19.12.2018)
Assam	2315.00	500.00
Arunachal Pradesh	2252.00	1127.43
Manipur	899.74	450.00
Mizoram	1895.00	950.00
Nagaland	1247.64	623.83
Sikkim	689.00	344.45
Tripura	2459.00	1230.00
Andhra Pradesh	1184.00	710.41
Jharkhand	641.00	320.81
Karnataka	1678.00	1000.00
Kerala	828.00	580.00
Madhya Pradesh	2123.00	1062.00
Maharashtra	1994.00	1192.59
Uttarakhand	1440.00	691.00
ICFRE, FRI	306.00	102.05
NHB – Gurugram	60.00	30.00
CBTC-Guwahati	367.00	183.65
IPIRTI	5.00	5.00
IWST	2.00	2.00
<b>TOTAL</b>	<b>22385.38</b>	<b>11105.22</b>

\* restructured National Bamboo Mission is operational from the year 2018-19

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