

LOK SABHA  
UNSTARRED QUESTION NO. 4451  
TO BE ANSWERED ON 30.03.2022

SUSTAINABILITY OF TEXTILE INDUSTRY

4451. DR. (PROF.) KIRIT PREMJBHAI SOLANKI:

Will the Minister of TEXTILES वस्त्र मंत्री  
be pleased to state :

- (a) whether the Government has considered improving sustainability of textile industries through use of natural dyes, natural fabric, recycling etc.;
- (b) if so, the details thereof including the amount of funds invested into research and development for the same;
- (c) whether the Government proposes to identify and reward textile manufacturers who have been making textile products sustainable;
- (d) if so, the details thereof;
- (e) whether the Government has conducted studies to understand the adverse effect of synthetics in Textiles including the effluents and residue of the same; and
- (f) if so, the details thereof including the actions taken thereon to mitigate the same?

उत्तर

ANSWER

वस्त्र राज्य मंत्री (श्रीमती दर्शना जरदोश)  
THE MINISTER OF STATE FOR TEXTILES  
(SMT. DARSHANA JARDOSH)

(a) & (b): The Government has approved followings projects under the Research & Development scheme for improving sustainability of textile industries. The details are as under:-

(Rs. In Lakhs)

S. No	Project name	Name of TRA/ Institution	Sanctioned amount	Released amount till date.
1.	Development of alternative eco-friendly process for reduction clearing of dyed or printed polyester fabric using oxidation technique including advance oxidation.	MANTRA, Surat	17.78	7.112
2.	Development of Eco-clothing by greener reduction process of natural indigo dye.	SITRA, Coimbatore	8.64	3.456
3.	Coating / Finishing of Textile based on jute and other natural fibre for technical applications.	DJFT, Kolkata	17.5	9.625

4.	Development of Eco-friendly Natural Fibre Based Textiles (OEKO-TECH Products) with simultaneous Natural Dyeing and Natural Finishing and to establish Natural dye / finish Mark	DJFT, Kolkata	38.5	26.95
		Total	82.42	47.143

**(c) & (d):** So far, the Government has not formulated any plans to identify and reward textile manufacturers who have been making textile products sustainable.

**(e) & (f):** The Government has approved one project to Bombay Textile Research Association (BTRA) for the study on effluents management in Textile processing Industries titled as “Analysis of Eco-management in Indian textile processing Industry”. The Outcomes of this project are as under:-

- i) 49 units (45 mills and 4 CETP's) were audited to understand the current status/level of the eco management system.
- ii) The Data was generated for listing of the significant impacts, water and fuel consumption in the processing plant, inlet and outlet effluent characteristics, air emissions/pollution levels etc.
- iii) Awareness and Knowledge sharing Conference for the participating mills as well as for others in textile industry was organized on 27<sup>th</sup> April 2018. The topics on need of eco management status and need, Chemical management system, ETP-ZLD case study, overall sustainability case study and Energy conservation in textile processing industry were discussed. Also, the in-depth Training program for participating mills as well for others was designed and conducted in BTRA Mumbai from 20<sup>th</sup> Aug 2018 to 25<sup>th</sup> Aug 2018 and 25<sup>th</sup> Sept to 29<sup>th</sup> Sept 2018.
- iv) The review audit was carried out in mills. During the review audit the improvements were seen in the areas like understanding and preparation of water balance diagram, process wise water consumption mapping, waste segregation, taking target for process water consumption reduction and awareness regarding the importance of Environmental management system (EMS).
- v) The problems faced by industry and gaps against EMS were identified and listed.

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