

LOK SABHA  
UNSTARRED QUESTION NO. 4626  
TO BE ANSWERED ON 29.03.2023

CARBON EMISSIONS BY THE TEXTILE INDUSTRY

4626. SHRI VISHNU DAYAL RAM:

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

- (a) whether it is a fact that the textile industry is one of the largest contributors of carbon emissions in India and if so, the details of the year on year carbon emissions by the textile industry;
- (b) the percentage of carbon emissions by the textile industry as compared to the total emissions in India in 2021-2022 and the main reasons for these emission levels; and
- (c) whether the Government identified key areas of development to mitigate the emissions and if so, the details thereof?

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

**(a) to (c):** In order to reduce the emission and energy intensity in the sector, National Mission for Enhanced Energy Efficiency, Ministry of Power initiated Perform, Achieve, Trade (PAT) scheme. As of now, there are 168 energy-intensive textile units notified in the Scheme having an annual threshold level of energy consumption of more or equal to 3000 Tonnes of Oil equivalent. The Scheme has resulted in the saving of 0.313 Million Toe (1 toe = 11.6 MWh) in energy savings consequently reduction of 1.551 Million Tons of CO<sub>2</sub> in the sector.

Under Amended Technology Upgradation Fund Scheme (ATUFS) of Ministry of Textiles, a total of 1,622 textile units, have applied for one time capital investment subsidy for installation of benchmark machinery under Processing segment including Boiler (Steam/thermic fluid) with automatic control on combustion efficiency, O<sub>2</sub> monitoring Equipments and with electrostatics precipitator and micro-dust collector and Heat recovery system etc. It covers project cost of Rs. 6,602.54 crore and provisional subsidy value of Rs. 445.28 crore in different segment of Textile Sectors.

Further, National Solar Mission (NSM) was launched on 11<sup>th</sup> January, 2010 with an objective to promote ecological sustainable growth while addressing India's energy security challenges. The Mission targets at achieving 100GW of installed solar power capacity by 2022.

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