

**GOVERNMENT OF INDIA  
MINISTRY OF HOUSING AND URBAN AFFAIRS  
LOK SABHA  
UNSTARRED QUESTION NO. 591  
TO BE ANSWERED ON FEBRUARY 06, 2025  
URBAN HEAT ISLAND EFFECT**

**NO. 591. SHRI VISHNU DAYAL RAM:**

**Will the Minister of Housing and Urban Affairs be pleased to state:**

- (a) whether the Government is aware of the growing Urban Heat Island (UHI) effect in major cities of the country and if so, the details thereof;**
- (b) whether the Government has taken any specific measures to mitigate the UHI effect, including the promotion of green roofs and urban forestry and if so, the details thereof; and**
- (c) if not, the reasons therefor?**

**ANSWER**

**THE MINISTER OF STATE IN THE  
MINISTRY OF HOUSING AND URBAN AFFAIRS  
(SHRI TOKHAN SAHU)**

**(a) to (c) As per 12th Schedule of the Constitution of India, urban planning including town planning is the function of Urban Local Bodies (ULBs)/ Urban Development Authorities. Government of India supplements the efforts of the States through schematic interventions/ advisories.**

**MoHUA has issued the addendum to Model Building Bye-Laws (MBBL) - 2016 on "India cooling action plan 2019 as an Advisory to State. (<https://www.mohua.gov.in/upload/whatsnew/61b9785b508c3mbbl2016.pdf>) Urban Green Guidelines, 2014 have been released by MoHUA as a guidance document to the states ([https://www.mohua.gov.in/upload/uploadfiles/files/G%20G%202014\(2\).pdf](https://www.mohua.gov.in/upload/uploadfiles/files/G%20G%202014(2).pdf)).**

**Urban and Regional Development Plans Formulation and Implementation (URDPFI) Guidelines issued by MoHUA through Chapter 5 - Urban Planning Approach, advocates promotion of Compact and Green city approach to release more land for open spaces/Green spaces and recreation purpose, thereby reducing creation of urban heat islands. ([mohua.gov.in/upload/uploadfiles/files/URDPFI Guidelines Vol I\(2\).pdf](https://www.mohua.gov.in/upload/uploadfiles/files/URDPFI%20Guidelines%20Vol%20I(2).pdf))**

**Further, under Atal Mission for Rejuvenation and Urban Transformation (AMRUT) 2,442 park projects worth ₹1,522.09 crore has been developed adding 5,077-acre of green spaces. Under AMRUT 2.0 so far, 1,676 Park projects worth ₹1,049.63 crore and 3,032 water body rejuvenation projects worth ₹6,214.15 crore have been approved by MoHUA.**

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