

1	2	3	4
23.	Sikkim	0	0
24.	Tamil Nadu	132	664
25.	Telangana	26	66
26.	Tripura	0	5
27.	Uttar Pradesh	52	28
28.	Uttarakhand	9	19
29.	West Bengal	9	0
30.	Andaman and Nicobar Islands	0	0
31.	Chandigarh	0	1
32.	Dadra and Nagar Haveli	0	0
33.	Daman and Diu	0	0
34.	Delhi	190	0
35.	Puducherry	0	0
TOTAL		1076	2332

#### Environment-friendly bricks

2458. SHRI SUSHIL KUMAR GUPTA: Will the Minister of HOUSING AND URBAN AFFAIRS be pleased to state:

(a) whether it is a fact that the Ministry has directed the Central Public Works Department to examine if burnt-clay bricks can be banned for use in construction projects;

(b) whether there are any technologies available to produce environment-friendly bricks by utilization of waste materials; and

(c) if so, what are the details in this regard?

THE MINISTER OF STATE OF THE MINISTRY OF HOUSING AND URBAN AFFAIRS (SHRI HARDEEP SINGH PURI): (a) No, Sir. However, instructions have been issued by CPWD for use of fly ash bricks/blocks made from Construction and Demolition (C&D)waste/Autoclaved Aerated Concrete (AAC) blocks in masonry works for

non-structural members mandatorily in place of clay bricks for the works in Delhi-NCR, Mumbai, Chennai, Kolkata, Bangalore, Hyderabad, Ahmedabad and Surat for buildings of height less than 15 meters. It has also been instructed that for buildings having height of more than 15 meters, Autoclaved Aerated Concrete blocks can be used.

(b) to (c) Three types of blocks are available which can be used in place of burnt-clay bricks by utilizing waste materials. They are:

- (i) Construction & Demolition (C&D) waste blocks made of construction and demolition waste.
- (ii) Fly ash bricks made of fly ash generated from thermal power plants.
- (iii) Autoclaved Aerated Concrete (AAC) blocks made by using fly ash.

#### **Smart Cities Mission in Odisha**

2459. SHRI PRASANNA ACHARYA: Will the Minister of HOUSING AND URBAN AFFAIRS be pleased to state:

(a) the funds released and utilized for the cities chosen/identified under the Smart Cities Mission in Odisha, city-wise; and

(b) the details of projects undertaken under the Mission and by when they are likely to be completed?

THE MINISTER OF STATE OF THE MINISTRY OF HOUSING AND URBAN AFFAIRS (SHRI HARDEEP SINGH PURI): (a) The cities of Bhubaneswar and Rourkela have been selected from State of Odisha under Smart Cities Mission (SCM) for development as Smart Cities. The fund released to these cities and utilized by them are as follows:

(₹ in crores)			
State	Name of City	Total funds released	Expenditure incurred (as on Nov. 1, 2018)
Odisha	Bhubaneswar	196	162.46
	Raurkela	190	7.57

(b) 100 cities have been selected for development as Smart cities under the Mission in various Rounds as below:-

- 20 Smart Cities selected in Round 1 in January 2016