

GOVERNMENT OF INDIA
MINISTRY OF CONSUMER AFFAIRS, FOOD & PUBLIC DISTRIBUTION
DEPARTMENT OF FOOD AND PUBLIC DISTRIBUTION

RAJYA SABHA
UNSTARRED QUESTION NO. 200
TO BE ANSWERED ON 22ND JULY, 2025

DEPOT DARPAN PORTAL

200 SHRI LAHAR SINGH SIROYA:
SMT. MAYA NAROLIYA:
SHRI HARSH MAHAJAN:
SHRI SADANAND MHALU SHET TANAVADE:
SHRI SUBHASH BARALA:
DR. SUMER SINGH SOLANKI:

Will the Minister of Consumer Affairs, Food and Public Distribution be pleased to state:

- (a) the objectives and functions of the Depot Darpan Portal;
- (b) the estimated financial savings and revenue enhancement expected from the implementation of the Portal in depots of the FCI and CWC;
- (c) the role of advanced technologies such as IoT sensors and CCTV surveillance in the Depot Darpan initiative;
- (d) the manner in which these technologies contribute to real-time monitoring and improved operational efficiency in food grain depots?

A N S W E R
MINISTER OF STATE FOR MINISTRY OF CONSUMER AFFAIRS,
FOOD & PUBLIC DISTRIBUTION
(SHRIMATI NIMUBEN JAYANTIBHAI BAMBHANIYA)

(a)&(b): Depot Darpan is a digital self-assessment and monitoring platform to enhance the infrastructure and operational efficiency of food grain storage depots

- The warehouses are assessed based on two main categories
 - **Operational Efficiency** (60% weightage): Occupancy, Cost metrics like transit/storage loss, handling cost, Demurrage, and manpower expenses.
 - **Infrastructural Efficiency** (40% weightage): including safety, operational, environmental, and statutory aspects.
- Each category is evaluated independently, and the warehouse receives a 5-Star rating based on the composite scoring from both.

- This is aimed to institutionalize a mechanism for self-evaluation on the status of warehouse management, practices, safety standards, infrastructure, storage conditions, and financial performance aiding in improving the existing gaps.
- Mobile application provides access to senior officials of FCI/CWC/DFPD for monitoring of rating of the warehouses.

This exercise of identifying process inefficiencies and implementing targeted interventions has the potential to yield savings in FCI-owned warehouses and generate additional income in CWC-operated food grain warehouses.

(c): Department has undertaken a pilot project on Smart Warehousing Technologies in Godowns, which includes CCTV Surveillance and IoT sensors for monitoring key parameters such as CO₂ & Phosphine levels, fire hazards, humidity, unauthorized entry and temperature on real time basis for ensuring security and efficiency in food grain storage. Depot Darpan is integrated with the already installed smart warehousing technologies in Godowns.

(d): CCTV and IoT technologies transform depot operations by ensuring:

- Real-time visibility
- Timely intervention
- Data-driven decision-making
- Standardized operations across all depots

These advancements directly contribute to ensure safe, secure, and efficient food grain storage and distribution.
