

GOVERNMENT OF INDIA  
 MINISTRY OF FOOD PROCESSING INDUSTRIES  
**LOK SABHA**  
**UNSTARRED QUESTION NO.1761**  
 ANSWERED ON 06<sup>TH</sup> MARCH, 2018

**COLD STORAGE UNITS**

**1761. SHRI DUSHYANT CHAUTALA:**

Will the Minister of FOOD PROCESSING INDUSTRIES be pleased to state:

- (a) whether it is a fact that there are only 7,000 cold storage units across the country and out of these, almost 5,000 were based on outdated technologies and if so, the details thereof;
- (b) whether the existing cold storage facilities have low capacity for post-harvest storage and if so, the details thereof;
- (c) whether the Government has any plan to upgrade the existing cold storage units technically to enhance storage capacity and create cold chain facilities to cut post-harvest losses and ensure a better return to farmers; and
- (d) if so, the details thereof and the actions taken by the Government in this regard?

**ANSWER**

THE MINISTER OF STATE FOR FOOD PROCESSING INDUSTRIES  
 (SADHVI NIRANJAN JYOTI)

(a): National Horticulture Board has conducted a study on “all India Cold Storage Capacity & Technology-Baseline Survey” through M/s Hansa Research Group Pvt Ltd., Mumbai. The report contains data for cold storages which were constructed up to March,2013 (i.e. up to 2012-13). As per this report, 5367 cold storages were operational in the country. As per the information available as on 31.12.2017, there were 7845 cold storages with a capacity of 35.88 million MT in the country. Ministry does not have any information that almost 5000 cold storages are based on out dated technologies.

(b): National Center for Cold Chain Development (NCCD) under Department of Agriculture, Cooperation and Farmers Welfare, Ministry of Agriculture & Farmers Welfare had commissioned a study on “All India Cold Chain Infrastructure Capacity (Assessment of Status & Gap)” conducted by NABARD Consultancy Services Pvt. Ltd.(NABCONS). As per the gap study, the cold chain requirement in the country stands at 35 million tonnes of cold storage vis-a vis available capacity of 32 million tonnes. The study has made the following gap analysis of cold chain infrastructure:

Type of Infrastructure	Infrastructure Requirement (A)	Infrastructure created (B)	All India Gap (A-B)
Pack-house	70,080 nos.	249 nos.	69,831 nos.
Cold Storage (Bulk)	34,164,411 MT	31,823,700 MT	32,76,962 MT
Cold Storage (Hub)	9,36,251 MT		
Reefer Vehicles	61826 nos.	9000 nos.	52826 nos.
Ripening Chamber	9131 nos.	812 nos.	8319 .

The study was primarily based on requirement of fruits & vegetables and has excluded the requirement for milk, meat, marine and processed products.

(c) & (d): Ministry of Food Processing Industries is implementing a central sector Scheme for Integrated Cold Chain and Value Addition Infrastructure in order to arrest post-harvest losses of horticulture & non-horticulture produce and to provide remunerative prices to farmers. In this scheme cold storage can be set up as one of the component. Ministry is implementing the Central Sector Scheme of Integrated Cold Chain and Value Addition Infrastructure to provide integrated cold chain and preservation infrastructure facilities from the farm gate to the market. Under the scheme, the Ministry provides financial assistance in the form of grant-in-aid @ 35% for general areas and @ 50% for North East States, Himalayan States, ITDP areas and Islands for storage and transport infrastructure and @ 50% and 75%, respectively for value addition and processing infrastructure subject to a maximum grant-in-aid of Rs.10 crore per project for setting up integrated cold chain projects in the country. The integrated cold chain and preservation infrastructure can be set up by individuals, groups of entrepreneurs, cooperative societies, Self Help Groups (SHGs), Farmer Producer Organizations (FPOs), NGOs, Central/State PSUs, etc. The scheme is primarily private sector driven and proposals under this scheme are invited through Expression of Interest (EOI). Proposals received against the EOI are first evaluated by Technical Committee(TC) and then by Inter-Ministerial Approval committee(IMAC) after that the approval letter are being issued to the project. The scheme for Integrated Cold Chain and Value Addition Infrastructure is demand driven and entrepreneur are free to apply for upgradation and modernization of their existing integrated cold chain facilities under the Scheme for Cold Chain and Value Addition Infrastructure.

Further, Department of Agriculture, Cooperation & Farmers Welfare (DAC&FW), Ministry of Agriculture & Farmers Welfare is implementing Mission for Integrated Development of Horticulture (MIDH) for holistic development of horticulture which also provides assistance for creation of post-harvest infrastructure including setting up of Cold Storages for perishable horticulture produce in rural areas. The assistance is available to an individual or an enterprise through State Horticulture Mission/National Horticulture Board for setting up of maximum 10,000 MT capacity cold storage with the cost norms varies between Rs. 6,800/MT and Rs. 10,000/MT. The components are demand/entrepreneur-driven from among entrepreneurs, private companies, cooperatives, farmers groups etc. through commercial ventures for which assistance @35% of admissible project cost in general areas and @50% in hilly and schedule area is available as credit linked and back ended subsidy.

In addition to above, National Horticulture Board (NHB) is also providing credit link back ended subsidy under its scheme “Capital Investment Subsidy for Construction/Expansion/Modernization of Cold Storages and Storages for Horticulture Products” on all India basis to set up cold storages for Horticulture Produce @ 35% of the capital cost of project in general area and 50% in case of NE, Hills states & scheduled area for a storage capacity above 5000 MT up to 10000 MT. In case of NE Region w.e.f. 01.04.2017 the storage having capacity above 1000 MT is also eligible for NHB assistance.

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