STATUS OF SILO CONSTRUCTION

(As on 31.07.2023)

1. With a view to modernize the storage infrastructure and improve shelf life of stored foodgrains, in the year 2005 as a Pilot Project, FCI initiated & got constructed steel silos of 5.5 lakh MT capacity under BOO mode on Public Private Partnership (PPP) basis. The details of these silos being operated by the private investor (M/s Adani Agri Logistics) are given below:

S.No	State	Location	Capacity (in LMT)	Type of Depot	Circuit
1	Punjab	Moga	2.00	Base	Circuit-I
2	Tamil Nadu	Chennai	0.25	Field	
3	Tamil Nadu	Coimbatore	0.25	Field	
4	Karnatka	Banglore	0.25	Field	
5	Haryana	Kaithal	2.00	Base	Circuit-II
6	Maharashtra	Navi Mumbai	0.50	Field	
7	West-Bengal	Hoogly*	0.25	Field	
Total			**5.50**		

*Presently non-operational

2. Subsequently, in pursuance to recommendations of High Level Committee headed by Shri Shanta Kumar, Hon'ble Member of Parliament, during January, 2015, Govt. of India approved an action plan for construction of steel silos for a capacity of 100 LMT on PPP (Public Private Partnership) mode in the country.

3. The target of 100 LMT was given to FCI, CWC and other State Government agencies for following capacities:

Fig. in LMT

Commodity/ Agency	FCI	CWC	State Govt.	Total
Wheat	27.75	2.50	61.00	91.25
Rice	1.25	0	7.50	8.75
Total	**29.00**	**2.50**	**68.50**	**100.00**

- FCI has so far tendered capacity of 29.50 LMT at 59 locations as against a target of 29 LMT, out of which, a capacity of 8.25 LMT at 16 locations is completed and put to use. At 16 locations, capacity of 8.00 LMT is under various stages of implementation. Balance 13.25 LMT capacity at 27 locations had to be dropped because of various reasons like termination/withdrawal/rejection of bids. CWC was allotted a capacity of 2.5 L MT. State Govt. were allotted a capacity of 68.5 LMT, out of which 6 LMT is completed, 1.5 LMT is under construction. The overall implementation status as on date is as under:

Fig. in LMT/No. of locations

Agency	Target	Completed Capacity/ No. of locations after 2016(in LMT)	Terminated	Under Implementation			Total
				Under Construction(I)	LoC to be issued (II)	Total (I + II)	
FCI	29	8.25 *(16 locations)*	13.25 *(27 locations)*	8.00 *(16 locations)*	0	8.00 *(16 locations)*	**29.50 *(59 locations)***
CWC	2.5	0	0	0	0	0	**0**
State Govt.	68.5	6.00 *(12 locations)*	0	1.5 *(3 locations)*	0	1.5 *(3 locations)*	**7.5 *(15 locations)***
Total	**100**	**14.25 *(28 locations)***	**13.25 *(27 locations)***	9.50 *(19 locations)*	**0**	**9.50 *(19 locations)***	**37.00 *(74 locations)***

State-wise details can be depicted from ***Annexure-I***

3. <u>Hub & Spoke model</u>: Since a number of problems like land acquisition for Railway siding, etc. have erupted during development of Railway siding silos proposed earlier, in order to fast track the progress of construction of steel silos, a professional study was conducted by FCI through M/s RITES for examining the feasibility of road-side silos with containerized movement. After examination of the aforesaid report, DFPD has accorded "in-principle approval" for construction of silos under the Hub & Spoke model as proposed by FCI. Accordingly, State/Regions have identified total 249 locations with capacity of 111.125 LMT under Hub & Spoke model which are to be developed in 3 phases. In first phase of Hub and Spoke model, a capacity of 34.875 LMT silos at 80 locations is planned to be constructed out of which 10.125 LMT capacity at 14 locations will be under DBFOT mode (FCI own Land) and 24.75 LMT capacity at 66 locations under DBFOO mode (Private Land).The tenders for DBFOT mode,(bundled as 4 projects) have been awarded. Tenders for DBFOO projects,(bundled in 3 projects) were opened on 01.11.2022 and financial proposals of all the technically qualified bidders for 3 projects under DBFOO mode for phase-I have been awarded. In Second Phase of Hub & Spoke model, tenders for 30.75LMT at 66 locations in 18 bundles on private land DBFOO mode have been floated on 05.05.2023.

State-wise details of locations proposed under Hub & Spoke model are as under:

Capacity in LMT

S.No.	Name of State	DBFOO				DBFOT				Total					
		Hub		Spoke		Hub		Spoke		Hub		Spoke		Total	
		Nos	Capacity	Nos	Capacity	Nos	Capacity	Nos	Capacity	Nos	Capacity	Nos	Capacity	Nos	Capacity
1.	Punjab	2	1	44	17	1	1.5	0	0	3	2.5	44	17	47	19.5
2	Haryana	6	3	31	8	0	0	0	0	6	3	31	8	37	11
3	MP	0	0	10	4.25	0	0	0	0	0	0	10	4.25	10	4.25
4	UP	7	6.5	29	8	3	2.75	4	2.5	10	9.25	33	10.5	43	19.75
5	Rajasthan	6	3	14	6.75	0	0	1	0.75	6	3	15	7.5	21	10.5
6	Gujarat	0	0	16	8	1	0.375	2	0.5	1	0.375	18	8.5	19	8.875
7	Maharashtra	3	2.25	18	9.5	1	1.25	1	0.25	4	3.5	19	9.75	23	13.25
8	Bihar	1	0.5	23	12	0	0	1	0.5	1	0.5	24	12.5	25	13
9	West Bengal	5	3.25	13	5.50	0	0	0	0	5	3.25	13	5.50	18	8.75
10	Jammu	0	0	2	1.25	0	0	0	0	0	0	2	1.25	2	1.25
11	Uttarakhand	0	0	2	0.5	0	0	0	0	0	0	2	0.5	2	0.5
12	Kerala	0	0	2	0.5	0	0	0	0	0	0	2	0.5	2	0.5
	Total	**30**	**19.50**	**204**	**81.25**	**6**	**5.875**	**9**	**4.5**	**36**	**25.375**	**213**	**85.75**	**249**	**111.125**

*In addition, 0.75 LMT capacity at 2 locations in Haryana have been recommended by FC&TA which has been approved by HLC dated 04.01.2023.

Annexure-I
(Position as on 31.07.2023)

STATEMENT SHOWING AGENCY-WISE STATE-WISE STATUS OF SILO CONSTRUCTION

(Fig. In LMT)

Agency	State	Target as per Action Plan	Completed	Under Implementation		Total	Grand Total
				Under Construction (I)	LOC/ AO to be issued (II)	Total (I+II)	
FCI	Assam	0.5	0.5	0	0	0	**0.5**
	Bihar	4.5	0.5	3.0	0	3.0	**3.5**
	Chattisgarh	1	0	0	0	0	**0**
	Delhi	1	0	0	0	0	**0**
	Gujarat	1	0.5	1.0	0	1.0	**1.5**
	Karnataka	0.25	0	0	0	0	**0**
	Haryana	3	2.50	0	0	0	**2.5**
	Maharashtra	1	0	0	0	0	**0**
	Punjab	4.25	3.25	0.5	0	0.5	**3.75**
	Rajasthan	1.5	0	0	0	0	**0**
	Uttar Pradesh	7	1.00	2.5	0	2.5	**3.5**
	West Bengal	4	0	1.0	0	1.0	**1**
Total		**29**	**8.25**	**8**	**0**	**8**	**16.25**
CWC	**Punjab**	**2.5**	**0**	**0**	**0**	**0**	**0**
State Govt.	AndhraPradesh	3.5	0	0	0	0	0
	Bihar	5	0	0	0	0	0
	Gujrat	2	0	0	0	0	0
	Haryana	6.5	0	0	0	0	0
	MadhyaPradesh	10	4.5	0	0	0	4.5
	Maharashtra	0.5	0	0	0	0	0
	Orrisa	2	0	0	0	0	0
	Punjab	24.25	1.5	0	0	0	1.5
	Rajasthan	4.75	0	0	0	0	0
	Telangana	1.5	0	0	0	0	0
	Uttar Pradesh	5	0	1.5	0	1.5	1.5
	West Bengal	3.5	0	0	0	0	0
Total		**68.5**	**6**	**1.5**	**0**	**1.5**	**7.5**
G.Total		**100**	**14.25**	**9.5**	**0**	**9.5**	**23.75**

Note: In addition the silos under process, it has been decided to construct further silos under Hub & Spoke model.