



National Centre for Cold-chain Development

Annual Report

2017-18

Published by:



Autonomous organisation of
Ministry of Agriculture
New Delhi - India

National Centre for Cold-chain Development
2nd Floor, B-Wing, Janpath Bhawan, New Delhi-110001

**Annual Report of the
National Centre for Cold-chain Development (NCCD)
for FY 2017-18**

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**Annual Report of the
National Centre for Cold-chain Development (NCCD)
for FY 2017-18**

A. Accounts & Audit

NCCD was registered under Societies Registration Act 1860 on 27-1-2011 and is modelled to operate in Public-Private-Partnership (PPP) mode with stakeholders as members of the society. After approval by Cabinet on 09-2-2012, DAC&FW provided a one-time grant of Rs. 25 crore for establishing a Corpus of same amount, so that interest income accruing therefrom, and other income generated by NCCD from fees and charges for services rendered will be used to meet its administrative, personnel and other costs, as decided by its Governing Council. NCCD is structured such that it is distanced from direct government involvement on a day to day basis, and there is no further cost on account of its operation and maintenance on Government.

Accounts of NCCD for 2017-18 were audited by chartered accountants empanelled for the purpose with the office of the Comptroller and Auditor General of India, M/s APN & Associates.

Summary of Income and Expenditure account for F.Y.2017-18 is as follows:

Item	Rs in lakh
Income from interest and others	258.42
<i>Less:</i> Administrative expenses	97.21
Excess of income over expenditure	161.21
15% of gross income exempt u/s 11	38.76
Balance set apart for 'General Public Utility' purposes over next 5 years	122.45
Total	161.21

NCCD was registered u/s 12AA of Income Tax Act in July 2015 as a 'General Public Utility' which entitles it to exemption from income tax for 15% of its gross income each year. Of remaining 85% of gross income, the unspent amount is liable to tax unless such amount is set apart for future expenses within 5 years u/s 11(2) of the Act. There is no income tax liability for F.Y.2017-18 as of now. NCCD is also exempted from GST (erstwhile service tax) on services provided by way of cold chain knowledge dissemination, w.e.f. 1-4-2016.

Detailed accounts for F.Y.2017-18 are attached.

B. Establishment - HR status

Shri P. Shakil Ahammed, JS(MIDH) was holding additional charge of the position of Director, NCCD from 23.10.2015 to 22.9.2017. Shri Dinesh Kumar, JS(MIDH) has since taken over additional charge of Director, NCCD w.e.f. 10.10.2017. Shri Pawanexh Kohli, an expert from cold-chain industry continues as Chief Executive Officer of NCCD cum Chief Advisor, w.e.f. February 2014.

Executive Committee (EC) of NCCD approved initial staff strength of 13 persons, against which 7 positions were filled as on 31-3-2018. Executive Committee of NCCD consists of 12 members under chairmanship of Secretary(AC&FW). The Governing Council consists of 15 members under Secretary(AC&FW) as President. List of EC and GC members is attached.

C. Society Membership Status

As of March 2018, NCCD has 59 active members, of which 51 on annual basis and 8 are lifetime members. Category-wise List of Members:

Category- Fees (₹)	Annual	Lifetime	Total
Company- C (50,000 / 4,00,000)	18	5	23
Associate- A (10,000)	16	-	16
Educational Institute- R (Nil)	16	-	16
Patron- P (20,00,000)	-	1	1
Grower- G (Turnover <5 lakh- Nil; Others- 10,000)	1	-	-
Industry Body- I (75,000 / 5,00,000)	-	2	2
	51	8	59

The membership fees received in 2017-18 is Rs 4.22 lakh. Members of the society join in activities of NCCD as stakeholder participants and may undertake knowledge dissemination activity as representative of NCCD. Enrolment of participating members is normally open ended and applications are evaluated by a Selection Committee. In addition, Nodal Officers for Cold-chain Development are nominated in States by MIDH who are expected to liaise and coordinate state level activities. However, it is observed that frequent reassignments and changes happen at state level.

D. Technical and other Initiatives

Guidelines & Minimum System Standards

State Governments frequently seek attention and guidance from NCCD on policy matters. The States were requested to allocate dedicated resources at NCCD Secretariat, to allow appropriate follow-up especially where project-specific attention is requested. NCCD is part of Project Appraisal committee (PAC) of MIDH and participated in Central Joint Inspection Team (CJIT) visit to projects in Himachal Pradesh in 2017, as requested by MIDH.

Green Innovation Centre with GIZ

GIZ through the Embassy of Germany had proposed a project in Karnataka and Maharashtra to address the value chain from farm to fork. NCCD was requested to evaluate the proposal in advisory capacity. In the course of these discussions, DAC&FW nominated NCCD to be the implementing agency. The Preliminary Project Report was approved by DEA and Director NCCD signed the agreement with GIZ on 3-April-2017. The initial budget is Euros 8 million over 3 year period. There is no added cost to NCCD. The Green Innovation Centre hired one support staff, placed at NCCD office. The project operations have commenced and the first newsletter is planned for publishing in May 2018.

Other interactions

NCCD frequently interacts for HCFC Phase-out planning with Ministry of Forests, Environment and Climate change and takes part in various meetings, including with UNEP. On July, 2017 Ministry of Forests, Environment and Climate constituted a committee under the chairmanship of Secretary (EFCC) for the preparation of National Cooling Action Plan (NCAP) and invited CEO-NCCD as member of the committee. NCCD has participated in deliberations of NCAP committee.

In 2017, NCCD also took part with concerned ministries to provide technical support during in the Parliamentary Standing Committee on Food Processing and for Consumer Affairs.

E. Applied Research and Studies

Inter-ministerial Committee on Doubling of Farmers' Income: NCCD was selected as a knowledge partner for the DFI Committee and in 2017-18, and dedicated the major portion of its efforts in this year to the associated studies and in assisting with the reports of this Committee. NCCD provided a comprehensive compendium of information and analysis to develop the volumes of the report of this Committee, specifically in relation to agri-logistics, marketing, secondary agriculture, extension services, science, structural reforms and governance. Other related work was undertaken in processes dealing with concurrent acceptance and implementation of recommendations made by the Committee.

A pilot study on demonstrating value addition that accrues through application of various individual components of the cold-chain, initiated by a member is underway, with knowledge support by NCCD. The findings of the study are expected in 2018-19.

F. Awareness Building, Workshops & Seminars

ICE 2017

The annual ICE Expo and awards program, is the longest standing exclusive cold-chain event supported by NCCD. This, the 9th edition of ICE had global participation along with various State Government officers. In continuation of previous participation since 2012, the 6th annual NCCD Conference alongside the Danfoss ICE Awards was held in Chennai on 17-18 Nov 2017.

Cold-chain Awards with FACE-CII

In partnership with NCCD, recognition of operational excellence in cold-chain was advanced with the holding of the second series of the CII-NCCD Cold-chain Awards. Hon'ble Minister of Ministry of Food Processing Industries inaugurated this summit and the awards ceremony. The jury was chaired by Shri Ashok Dalwai, Chairman of the Committee for Doubling Farmers income with CEO NCCD as the co-chairperson.

Other programs and interactions

Multiple events were also partnered with PHDCCI on cold-chain. A special event on logistics and its role in doubling farmers income was also organised. CEO-NCCD has been invited as the plenary keynote speaker at the International Congress on Clean Cold organized by University of Birmingham on 18-April-2018. CEO also addressed the IDCC (Indo-Danish Chamber of Commerce) in Nordborg in March 2017. He was also invited by FAO to their technical meeting on cold-chain development in Rome in Nov-2017, and to Zimbabwe by ECOSOC-UN at their Global Experts Meeting in April 2018.

CEO-NCCD also gave lectures at the National Defence College, to IES trainees in PUSA, at workshops in TERI and IFPRI. A special workshop on cold-chain for NCDC senior team was also held in this year. NCCD participated in the expert panel at the World Orange Festival in Nagpur in Dec-2017 and at the 3rd Agri Leadership Summit in March 2018. A farmers' workshop on peri-urban cold-chain was held in Pune with members of NCCD.

The report on a study tour from UK, hosted by the Science and Innovation Network (Dept. of International Trade, UK), was released in April 2017. A further follow-up interaction to this study tour, with Heriot Watt University was also held in December 2017. CEO-NCCD was nominated by Secretary DAC&FW to lead a delegation of government officers and private sector leaders, under the 'Influentials Program' of Government of Netherlands, in June 2017.

NCCD engaged in various conferences and public outreach, listed in Annexure X.

G. Capacity Building & Knowledge Dissemination

Entrepreneur development for ripening chambers

The capacity building includes on-site training at ripening chambers to engage students and prospective entrepreneurs. Conducted by NCCD with society members (ICE and Samagra),

this is a two day interaction, held across the country in towns and cities. Total cost in 2017-18, was Rs 24 lakhs for a total of 16 workshops.

Capacity building in cold-chain technology

This activity was developed in-house with NCCD member (Danfoss) at a custom built learning centre with mini cold rooms and equipment for such training. There is no such establishment available in the country. The course curriculum is developed in-house and implemented for the benefit of government officers and private sector. The 3 day residential course, including independent boarding/lodging, costs Rs 12,000 per person. 29 individuals were trained in 4 sessions at a total expenditure of Rs 3.32 lakh in 2017-18. This was supported by MIDH.

Awareness outreach on cold-chain

This outreach was developed by NCCD for entrepreneur engagement. This was tasked by MIDH to NCCD and is implemented with industry chambers (CII and PHD, both members of the society). NCCD secretariat publishes the documentation and workshop is held in partnership with states where possible. The society members function as agents of NCCD for knowledge dissemination. Total cost in 2017-18, was Rs 16.82 lakhs for 12 workshops.

Cold-chain Management training

As part of collaboration under the Indo-France JAWG, a special curriculum was devised for training of Indian stakeholders by NCCD. The program is implemented by Cemafruid of France, under and MoU that was signed with NCCD. The curriculum provides knowledge related to the needs of Indian cold-chain development. Trainings are executed for improved understanding and to improve government & industry interface on the subject. DAC&FW approved a budget of Rs. 15 lakhs per batch to NCCD, with co-funding from Govt. of France. The cost includes Cemafruid training fees and travel of participants - average of Rs 1.4 lakhs per person for the 5 day residential course. Govt. of France provides boarding, lodging and local transport. This program is undertaken at optimised costs by sourcing lowest fare tickets and in other arrangements. These costs are reimbursed on actuals by MIDH as per approved action plan under technical assistance program. Total expenditure in 2017-18, was Rs 35.42 lakhs for 3 training sessions, 28 individuals trained.

H. Advisory & other support

NCCD is providing inputs to various departments and agencies on cold-chain matters. CEO-NCCD is member of steering/executive committees of MIDH. In DAC&FW, NCCD has supported IC interactions as delegation member of JAWGs. NCCD has also guided and assisted specific requests from MoFPI, State Govts and Ministry of Commerce held interaction for inputs regarding the newly launched division on logistics. NCCD has represented policy interventions on various fora, and in evaluating various proposals/reports received by DAC&FW. State Governments have frequently sought dedicated support and are guided to nominate a team or establish a State NCCD cell to undertake specific tasks. NCCD can guide such a team but is otherwise constrained to allocate resources to individual projects.

The CEO is an active member of NITI Aayog's Task Force for developing agri-business models. NCCD was earlier a part of stakeholder discussions by MoEF&CC before the Kigali meeting on Montreal Protocol and is also contributing to the formulation of National Cooling Action Plan (India's Perspective for 20 Years). CEO-NCCD is also an expert member of the Empowered Steering Committee for implementation of Montreal Protocol, of MoEF&CC.

NCCD members visit the office on regular basis to get better understanding of schemes and guidelines, as well for assistance in redressing challenges.

I. NCCD - Aims & Objective

NCCD is registered as a society, to function in an autonomous manner as a think-tank on cold-chain, and to operate under public-private-partnership mode at no cost to the government. The initial capital was provided by the government and the objectives of NCCD are to recommend, suggest, assess, undertake & coordinate, facilitate and foster as below:

- To recommend standards and protocols for cold-chain infrastructure/building including post-harvest management so as to harmonize with international standards and best practices and suggest mechanism for benchmarking and certification of infrastructure /building, process and services provided by cold-chain industry.
- To suggest indicative guidelines for preparation of project reports for potential investors/entrepreneurs.
- To assess and develop appropriate IT-based management information system for cold-chain infrastructure.
- To undertake and coordinate Research and Development (R&D) work required for development of cold-chain industry in consultation with stakeholders.
- To undertake and coordinate the task of Human Resource Development (HRD) and capacity building. It may also conduct in-house training, short-term/long courses relevant for cold-chain development.
- To launch publicity campaign to educate the stakeholders including awareness building about the benefits of integrated cold-chain.
- To recommend appropriate policy framework relating to development of cold-chain.
- To facilitate and foster the development of multi- modal transportation facilities for perishable agricultural, horticultural and allied commodities and establishment of a National Green Grid for Perishable Commodities.

National Centre for Cold-chain Development (NCCD)

March, 2018

J. Executive Committee of NCCD (Status)

SN	Name and Address	Designation
1	Secretary Deptt. of Agriculture, Cooperation & Farmers Welfare Ministry of Agriculture & Farmers Welfare, Krishi Bhawan, New Delhi	Chairman
2	Additional Secretary (I/c Horticulture) Deptt. of Agriculture, Cooperation & Farmers Welfare Krishi Bhawan, New Delhi	Committee Member (approved by GC on 7.1.2013)
3	Agricultural marketing Adviser & Joint Secretary (Marketing), Deptt. of Agriculture, Cooperation & Farmers Welfare Krishi Bhawan, New Delhi	Committee Member
4	Joint Secretary(MIDH) Deptt. of Agriculture, Cooperation & Farmers Welfare Krishi Bhawan, New Delhi	Committee Member (approved by GC on 7.1.2013)
5	Managing Director, National Horticulture Board, 85, Institutional Area, Sector 18, Gurgaon, Haryana	Committee Member
6	Representative of Railway Board (Not below the equivalent rank of Joint Secretary to Government of India) Rail Bhawan, New Delhi	Committee Member
7	Representative of Secretary, Ministry of Food Processing Industries, New Delhi	Special Invitee (approved by Secy- AC&FW on 25.7.14)
8	Representative of Secretary, Deptt of Animal Husbandry, Dairying & Fisheries(DAHDF), Ministry of Agriculture & Farmers Welfare, New Delhi	Special Invitee (approved by Secy- AC&FW on 25.7.14)
9	Managing Director Central Warehousing Corporation 4/1, Siri Fort Institutional Area, Hauz Khas, New Delhi	Committee Member
10	Mr. P. Ravichandran President, Danfoss India & CHairman of CII-Task Force on Cold-chain, Chennai.	Committee Member
11	Ms. Meetu Kapur ED-FACE, Confederation of Indian Chambers of Commerce & Industries (CII), FACE, Core 4A India Habitat Centre, Lodhi Road, New Delhi-110003	Committee Member
12	Shri M L Arora Chief Executive Officer Fresh & Healthy Enterprises Ltd CONCOR HSIIDC Industrial Estate, Rai, Sonapat-131029(Haryana)	Committee Member
13	Director, NCCD	Member Secretary

(as per by-laws of NCCD unless stated otherwise in bracket)

K. Governing Council of NCCD (Status)

SN	Name	Designation in the Society
1	Secretary Deptt. of Agriculture, Cooperation & Farmers Welfare Ministry of Agriculture & Farmers Welfare, Krishi Bhawan, New Delhi	Ex-Officio President
2	Financial Adviser Deptt. of Agriculture, Cooperation & Farmers Welfare Ministry of Agriculture & Farmers Welfare, Krishi Bhawan, New Delhi	Ex-Officio Member (approved by Secy- AC&FW on 2.3.15)
3	Director General, Bureau of Indian Standards (BIS) Manak Bhawan, 9, Bahadur Shah Zafar Marg New Delhi-110002	Ex-Officio Member
4	Agricultural Marketing Adviser & Joint Secretary (Marketing), Deptt. of Agriculture, Cooperation & Farmers Welfare, Krishi Bhawan, New Delhi	Ex-Officio Member
5	Joint Secretary(MIDH) Deptt. of Agriculture, Cooperation & Farmers Welfare Krishi Bhawan, New Delhi	Ex-Officio Member
6	Representative of Secretary, Ministry of Food Processing Industries, not below the rank of Joint Secretary to Govt. of India, Panchsheel Bhawan, August Kranti Marg, New Delhi	Ex-Officio Member
7	Managing Director, National Horticulture Board, 85, Sector 18, Gurgaon, Haryana	Ex-Officio Member
8	Representative of Railway Board (Not below the equivalent rank of Joint Secretary to Government of India), Rail Bhawan, New Delhi	Ex-Officio Member
9	Chairman - APEDA NCUI Building, 3 Institutional Area, New Delhi	Ex-Officio Member
10	Managing Director Central Warehousing Corporation 4/1, Siri Fort Inst Area Hauz Khas, New Delhi-110016	Ex-Officio Member
11	APC/Pr Secy/Secretary(Agriculture/Horticulture/ Marketing) of two different States to be nominated by DAC	Nominated by Govt. of India
12	APC/Pr Secy/Secretary(Agriculture/Horticulture/ Marketing) of two different States to be nominated by DAC	Nominated by Govt. of India
13	Representative of Confederation of Indian Chamber Of Commerce (CII) - Chairman CII Task Force on Cold-chain- 23, Institutional Area, Lodhi Road, New Delhi-110003	Member
14	Director NCCD	Member Secretary

(as per by-laws of NCCD unless stated otherwise)

L. Events, conferences & interactions having direct participation of NCCD in 2017-18

Date	Location	Topic	Main Organizer
28-Mar-17	Nordborg, Denmark	Indo Dutch Chamber of Commerce IDCC - Needs and opportunities of the Indian cold chain	IDCC
25-26 Apr-17	New Delhi	National Kharif Campaign	DAC&FW
28-Apr-17	New Delhi	Application of Thermal Energy Storage in the Refrigeration and Air-conditioning	TERI University
3-May-17	Vigyan Bhawan, New Delhi	India Integrated Transport & Logistics Summit 2017	MoRTH
3-May-17	IHC, New Delhi	Indo-Israel Conference on Agriculture	DAC&FW
11-May-17	PHD, Delhi	PHD-Umbrella body for logistics sector	PHDCCI
23-24 May-17	Agra	UNEP Annual S-Asia Network Meeting	UNEP, MoEFCC
5-9-June-17	Netherlands	Influentials delegation for "Agriculture, Agro-logistic and Food Processing"	Govt. of Netherlands
5-Jul-17	New Delhi	Discussing Agri Innovation	German Embassy
6-Jul-17	Agra	FCAOI conference	FCAOI
25-Jul-17	Delhi	Global Food crisis and Security implications	National Defence College
27-Jul-17	PHD, Delhi	National Conclave on Cold Chain Development	NCCD - PHD
12-Aug-17	CII, Delhi	CII Council on Agriculture	CII-NCCD
17-Aug-17	Islamic Centre, Delhi	Media today Jury awards committee	Media today
28-31 Aug-17	BIEC, Bengaluru	AgriTech India 2017	Media today - NCCD
2-Sep-17	Ahmedabad	REFCON 2017 – food refrigeration	ISHRAE
14-Sep-17	Delhi	DD Kisan discussions	DD Kisan
15-Sep-17	Guwahati	NCCD-PHD Awareness Program on Cold-chain	NCCD-PHD
19-Sep-17	Vigyan Bhawan, Delhi	Rabi Conference	DAC&FW
22-Sep-17	Gurgaon	Annual Business Consortium	CIIL
25-Sep-17	Lalit, Delhi	CII National Cold chain Summit and Cold-chain Awards	CII-NCCD
4-Oct-17	ITC Maurya, Delhi	World Economic Forum Seminar on Agricultural matters	WEF
10-Oct-17	NASC, Delhi	Workshop on Green Revolution in Eastern India	IFPRI
24-Oct-17	Pusa, Delhi	Business Standard summit	Business Standard
3-5 Nov-17	Vigyan Bhawan, Delhi	World Food India 2017	MoFPI - CII
6-Nov-17	NASC Complex	B2B interactions after 1 st Indo-Japan JWG	DAC&FW
8-Nov-17	Leela, Delhi	LNG Conclave 2017	Media Today
17-Dec-17	Nagpur	World Orange Festival 2017	Lokmat, UPL
3-Jan-18	TERI, Delhi	International Conference on Agribusiness in Emerging Economies	TERI University

Date	Location	Topic	Main Organizer
12-Jan-18	PHD House, Delhi	National Conference on Cold-chain for Doubling Farmers Income	PHDCCI-NCCD
19-Jan-18	Shangri La, Delhi	ARCON 2018, Association of Ammonia Refrigeration (AAR)	AAR India
23-Jan-18	Jaipur	NIAM Agri-marketing valedictory session	NIAM
2-Feb-18	PHD House	RAC India Excon	PHD
6-Feb-18	NCL, Pune	Workshop on Cold Chain as an Enabler for Doubling Farmer's Income	CII-FACE - NCCD
19-20 Feb-18	NASC, Pusa	Conference on Agriculture - DFI	DAC&FW
27-Feb-18	Le Meridien, Delhi	India Cold Chain Market and Dedicated Freight Corridor	Frost & Sullivan
16-Mar-18	IMC, Mumbai	Panel Discussion- Cold-chain solutions for tomorrows India	Moneycontrol and FPJ
21-Mar-18	IHC, Delhi	Workshop- Core group on Technology, Innovation and Start-ups	CII-FACE
25-Mar-18	Rohtak, Haryana	3rd Agri Leadership Summit	Govt. of Haryana
18-19 April-18	Birmingham, UK	Keynote, Plenary session: Intl Congress for Clean Cooling	University of Birmingham

M. Abbreviations and Definitions used

APEDA	Agricultural and Processed Food Products Export Development Authority, under Ministry of Commerce with mandate to develop exports and also supports cold-chain infrastructure development.
CII	Confederation of Industries of India: CII through its Food & Agriculture Centre of Excellence (FACE) works closely with NCCD Secretariat, and as part of NCCD is directly involved in meeting objectives of NCCD.
DAC&FW	Department of Agriculture, Cooperation & Farmers' Welfare, Ministry of Agriculture & Farmers Welfare.
EC	Executive Committee: the committee that decides executive actions of an organisation.
FAO	Food and Agriculture Organisation of the United Nations
FCSAOI	Federation of Cold Storage Associations of India: the all India coalition of state level associations of cold storages.
FPO	Farmer Producer Organisation: where a group of farmers create an institutional structure for their enterprise level operations.
GC	Governing Council: The council that oversees the executive and takes policy level decisions.
HCFC	HydroChloroFluoroCarbon: a class of inert compounds used in refrigerants that are less destructive to the ozone layer than CFC. However, they have global warming potential.
ICAP	Integrated Cold-chain Availability Platform
MIDH	Mission for Integrated Development of Horticulture: launched in 2014, this mission subsumes all previous schemes on horticulture so as to integrate and projectise the activities for holistic outcomes.
MoFPI	Ministry of Food Processing Industries: also implements cold-chain subsidy programs.
NCCD	National Centre for Cold-chain Development: a society of public and private stakeholders, provided initial capital by Ministry of Agriculture and managed at no cost to government, to function in an autonomous manner as an advisory body to the government.
NHB	National Horticulture Board: central sector sub-scheme of MIDH, implementing agency at national level.
NHM	National Horticulture Mission: sub-scheme of MIDH.
NLA	National Level Agency: organisations identified by MIDH with suitable expertise to provide technical and knowledge support. NLAs do not implement the scheme but are allocated resources for specific support tasks after acceptance of an action plan.
PHD	PHD Chamber of Commerce and Industry: PHD works closely with NCCD Secretariat, and as part of NCCD is directly involved in meeting objectives of NCCD.
PPP	Public Private Partnership. Usually seen in infrastructure projects where a concessionaire utilises government support in form of land and funds, and the project reverts back to government at the end of the concession period. In case of NCCD, this additionally means that public and private sector jointly manage the operations and functions through a joint leadership structure, where the administration is under government and the executive decisions is by industry leadership.
SHM	State Horticulture Mission: state level implementing agency of centrally sponsored activities of MIDH.
UNEP	United Nations Environment Program



FORM NO. 10B

(See rule 17-B)

**Audit report under section 12A(b) of the Income-tax Act, 1961
in the case of charitable or religious trusts or institutions**

We have examined the balance sheet of National Centre for Cold-Chain Development, New Delhi as at 31st March, 2018 and the Profit & Loss a/c (Income & Expenditure Account) for the year ended on that date which are in agreement with the books of account maintained by the said Institution.

We have conducted the audit in accordance with auditing standards generally accepted in India. These standards require that we plan and perform the audit to obtain reasonable assurance about whether the financial statements are free of material misstatement. An audit includes examining, on a test basis, evidence supporting the amounts and disclosures in the financial statements. An audit also includes assessing the accounting principles used and significant estimates made by the management, as well as evaluating the overall financial statement presentation. We believe that our audit provides a reasonable basis for our opinion.

We have obtained all the information and explanations which to the best of our knowledge and belief were necessary for the purposes of the audit. In our opinion, proper books of account have been kept by the head office and ~~the branches nil of the above] mentioned institution visited by us so far as appears from our examination of the books and proper returns adequate for the purposes of audit have been received from the branches nil not visited by us,~~ subject to the comments given below :

In our opinion and to the best of our information, and according to information given to us, the said accounts give a true and fair view.

- i) in the case of the balance sheet, of the state of affairs of the above named institution as at 31st March, 2018; and
- ii) in the case of the profit and loss account (I & E A/c), of the profit or loss of its accounting year ending on 31st March, 2018.

The prescribed particulars are annexed hereto.

PLACE: NEW DELHI
DATED: 24.09.2018



For APN & Associates
CHARTERED ACCOUNTANTS
FRN No. : 001876N


(JITENDER NATH)
PARTNER
M.No.015549

NATIONAL CENTRE FOR COLD-CHAIN DEVELOPMENT
BALANCE SHEET AS ON 31st MARCH, 2018

(Rupees)

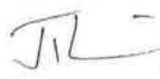
Particulars	Schedules	As on 31st March, 2018	As on 31st March, 2017
<u>CAPITAL FUND AND LIABILITIES:</u>			
Capital Fund	1	250,000,000	250,000,000
General Fund (Reserve and surplus)	2	59,017,572	55,141,317
Set Aside u/s 11(2) Of IT Act 1961	3	45,827,572	33,582,698
Current Liabilities	4	13,764,313	3,606,356
Fixed Assets - Contra. Corpus	5	16,152	21,915
Fixed Assets - Contra, NLA	5	569,949	662,548
Total		369,195,558	343,014,834
<u>ASSETS:</u>			
Fixed Assets - Contra, Corpus	5	16,152	21,915
Fixed Assets - Contra, NLA	5	569,949	662,548
Investments - Fixed Deposits	6	335,627,966	326,224,940
Current assets, loans and advances	7	32,981,491	16,105,431
Total		369,195,558	343,014,834

Significant accounting policies and notes on accounts

11

AS PER OUR REPORT OF EVEN DATE ATTACHED


For APN & Associates
Chartered Accountants
FRN : 001876N


(CA. Jitender Nath)
Partner
Membership No. 015549



For National Centre For Cold-chain Development


(K.K. Dhingra)
Advisor Finance


(Pawanexh Kohli)
Chief Executive Officer


(Prasanta Kumar Swain)
Director

Place: New Delhi
Date : 24.09.2018

NATIONAL CENTRE FOR COLD-CHAIN DEVELOPMENT
INCOME AND EXPENDITURE ACCOUNT FOR YEAR ENDED 31st MARCH 2018

(Rupees)

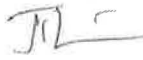

Particulars	Schedules	For year ended 31 March, 2018	For year ended 31 March, 2017
INCOME:			
Members Subscriptions		422,000	1,715,000
Interest Earned	8	25,419,702	28,542,608
Other Income	9	-	401,300
Total (A)		25,841,702	30,658,908
REVENUE EXPENDITURE:			
Establishment (Salary & wages)		8,127,413	8,546,188
Administrative Expenses	10	1,593,160	2,241,281
Total (B)		9,720,573	10,787,469
Excess of Income over Expenditure (A-B)		16,121,129	19,871,439
Less : Transfer to General Reserve		3,876,255	4,598,836
Set Aside u/s 11(2) of IT Act		12,244,874	15,272,603

Significant Accounting Policies and notes to accounts

11

AS PER OUR REPORT OF EVEN DATE ATTACHED

For APN & Associates
Chartered Accountants
FRN : 001876N

(CA. Jitender Nath)
Partner
Membership No. 015549

For National Centre For Cold-chain Development

(K.K. Dhingra)
Advisor Finance

(Pawanexh Kohli)
Chief Executive Officer

(Prasanta Kumar Swain)
Director

Place: New Delhi
Date : 24.09.2018

NATIONAL CENTRE FOR COLD-CHAIN DEVELOPMENT
SCHEDULE FORMING PART OF FINANCIAL STATEMENTS AS ON 31st MARCH, 2018

SCHEDULE 1 : CAPITAL FUND

(Rupees)

Particulars	As on 31st March, 2018	As on 31st March, 2017
Government of India		
Ministry of Agriculture & Farmers Welfare	250,000,000	250,000,000
TOTAL	250,000,000	250,000,000

SCHEDULE 2 : GENERAL FUND (RESERVE & SURPLUS)

Particulars	As on 31st March, 2018	As on 31st March, 2017
Opening Balance as per last Balance Sheet	55,141,317	50,542,481
Add : Excess of Income over Expenditure	3,876,255	4,598,836
TOTAL	59,017,572	55,141,317

SCHEDULE 3 : SET ASIDE U/S 11(2) OF IT Act 1961

Particulars	As on 31st March, 2018	As on 31st March, 2017
Opening Balance as per last Balance Sheet	33,582,698	18,310,095
Add : Set Aside u/s 11(2) of IT Act -F.Y 2016-17	12,244,874	15,272,603
TOTAL	45,827,572	33,582,698

SCHEDULE 4 : DETAILS OF CURRENT LIABILITIES

Particulars	As on 31st March, 2018	As on 31st March, 2017
Expenses Payable	6,270,363	2,471,239
NLA Fund Payable	7,493,950	1,135,117
TOTAL	13,764,313	3,606,356



NATIONAL CENTRE FOR COLD-CHAIN DEVELOPMENT
NOTE FORMING PART OF FINANCIAL STATEMENTS AS ON 31st MARCH, 2018

SCHEDULE 5 Fixed Assets-Corpus

Particulars	Block	(Rupees)				
		WDV As at 1.4.2017	Additions F.Y 2017-18	Total As at 31.3.2018	Depreciation For current year	WDV As at 31.3.2018
WATER DISPENSOR	15%	4,587	-	4,587	688	3,899
MICROWAVE	15%	5,755	-	5,755	863	4,892
MOBILE	15%	6,072	-	6,072	911	5,161
Sub-total		16,414	-	16,414	2,462	13,952
COMPUTERS	60%	3,305	-	3,305	1,983	1,322
LAPTOP	60%	1,146	-	1,146	688	458
SOFTWARE(Tally)	60%	1,050	-	1,050	630	420
Sub-total		5,501	-	5,501	3,301	2,200
TOTAL		21,915	-	21,915	5,763	16,152

SCHEDULE 5 Fixed Assets-NLA

Particulars	Block	(Rupees)				
		WDV As at 1.4.2017	Additions Before 30.9.17	Total As at 31.3.2018	Depreciation For current year	WDV As at 31.3.2018
FURNITURE	10%	167,259	-	167,259	16,726	150,533
Sub-total		167,259	-	167,259	16,726	150,533
CORDLESS PHONE	15%	52,987	-	52,987	7,948	45,039
LCD SCREEN	15%	36,387	-	36,387	5,458	30,929
SCANNER/PHOTOCOPIER	15%	27,943	-	27,943	4,191	23,752
TABLETS	15%	82,180	-	82,180	12,327	69,853
MOBILE	15%	59,034	-	59,034	8,855	50,179
REFRIGERATOR	15%	9,826	-	9,826	1,474	8,352
AIR CONDITIONER	15%	122,775	50,786	173,561	26,034	147,527
LAMINATION MACHINE	15%	4,717	-	4,717	708	4,009
Sub-total		395,849	50,786	446,635	66,995	379,640
PRINTER	60%	4,861	-	4,861	2,917	1,944
LAPTOP	60%	91,460	-	91,460	54,876	36,584
SOFTWARE(Prezi)	60%	3,119	-	3,119	1,871	1,248
Sub-total		99,440	-	99,440	59,664	39,776
TOTAL		662,548	50,786	713,334	143,385	569,949

SCHEDULE 6 : INVESTMENTS - FIXED DEPOSITS

Particulars	As on 31st March, 2018	As on 31st March, 2017
Fixed Deposits with State Bank of India	315,697,669	306,294,643
Fixed Deposits with ICICI Bank (including accrued interest)	19,930,297	19,930,297
TOTAL	335,627,966	326,224,940

SCHEDULE 7- CURRENT ASSETS, LOANS AND ADVANCES

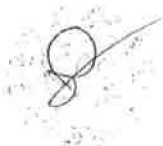
Particulars	As on 31st March, 2018	As on 31st March, 2017
A. CURRENT ASSETS:		
Balance in State Bank of India A/c	25,032,051	10,625,763
B. LOANS & ADVANCES:		
TDS A.Y. 2015-16	-	2,678,895
TDS A.Y. 2016-17	2,678,895	2,779,561
TDS A.Y. 2017-18	2,779,561	
TDS A.Y. 2018-19	2,479,280	
Office Imprest	9,704	19,212
Security Deposit (ISD)	2,000	2,000
TOTAL	32,981,491	16,105,431

SCHEDULE 8- INTEREST EARNED

Particulars	For Y.E. 31 March, 2018	For Y.E. 31 March, 2017
Interest on fixed deposits with State Bank of India and ICICI Bank	24,792,136	27,796,925
Interest on balance in State Bank of India	974,969	745,683
Less: Interest payable to MIDH	347,403	-
	627,566	745,683
TOTAL	25,419,702	28,542,608

SCHEDULE 9- OTHER INCOME

Particulars	For Y.E. 31 March, 2018	For Y.E. 31 March, 2017
Project Appraisal	-	400,000
Miscellaneous Income	-	1,300
TOTAL	-	401,300



SCHEDULE 10-ADMINISTRATIVE EXPENSES

Particulars	For Y.E. 31 March, 2018	For Y.E. 31 March, 2017
Meeting & Seminar Expenses	-	700,000
Printing & Stationary	35,223	35,037
Travelling Expenses	53,449	-
Cartridge	38,805	43,100
Telephone & Internet	107,844	93,514
Medical Insurance	25,000	28,750
Professional Charges	790,330	809,538
Misc Expenses	11,060	45,279
News papers & Magazines	13,085	5,591
Transport Charges	419,489	323,081
Repair & Maintenance	50,934	4,830
Bank Charges	2,168	980
Guest/Staff Welfare	45,773	43,971
Interest to I.T. Department (A.Y.2015-16)		107,610
TOTAL	1,593,160	2,241,281



NATIONAL CENTRE FOR COLD-CHAIN DEVELOPMENT

ACCOUNTING POLICIES AND NOTES ON ACCOUNTS FORMING PART OF BALANCE SHEET AS ON 31ST MARCH, 2018

NOTE 11

ACCOUNTING POLICIES

- 1) The accounts are prepared on historical cost basis as a going concern following mercantile system of accounting and recognizing income and expenditure on accrual basis. Accounting policies not specifically referred to otherwise are consistent with generally accepted accounting principles.
- 2) Fixed assets acquired during the year are charged to Income and Expenditure account in the year of purchase and simultaneously transferred to Balance Sheet under Fixed Assets account to exercise physical and financial control.
- 3) Investments are valued at cost.
- 4) Foreign currency transactions are recorded at the rate of exchange prevailing on the date of the transaction. Monetary assets and liabilities related to foreign currency transaction remaining unsettled are translated at year end rate. The difference in translation of monetary assets and liabilities and realized gains/losses on foreign exchange transaction are recognized in accounts in current year.
- 5) Funds received under MIDH schemes have been accounted separately and utilized for the approved activities.

NOTES ON ACCOUNTS


- 1) The society is registered u/s 12AA of Income Tax Act and hence no provision for income tax has been created for F.Y.2017-18, as income of the society is exempt under section 11 of IT Act. Besides, it has accumulated Rs.1,83,10,095 in FY 2015-16, Rs. 1,52,72,603 in FY 2016-17 and Rs. 1,22,44,874 in FY 2017-18, total amounting to Rs 4,58,27,572 under section 11(2) of I.T. Act to be utilized in next five years.
- 2) Services provided by the National Centre for Cold-chain Development under Ministry of Agriculture, Cooperation and Farmers' Welfare by way of cold chain knowledge dissemination are exempt from GST.
- 3) The Society received National Level Agency (NLA) funds of Rs. 1,50,00,000/- in FY 2017-18 from Ministry of Agriculture & Farmers Welfare, besides 11,35,117/- unspent balance as on 01.04.2017, out of which Rs. 89,88,570/- was spent on the approved activities and balance of Rs. 74,93,950/- (including Rs 3,47,403/- interest on unspent balance) remains unutilized as on 31.03.2018.

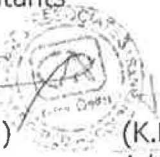



- 4) Mission management charges as NLA are restricted at 5% of project cost and accordingly apportioned in relevant expense head.

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For APN & Associates
Chartered Accountants
FRN: 001876N

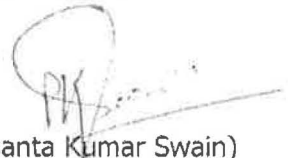

(CA. Jitender Nath)
Partner
Membership No. 015549




(K.K. Dhingra)
Advisor Finance

For National Centre For Cold-chain Development


(Pawanexh Kohli)
Chief Executive Officer


(Prasanta Kumar Swain)
Director

Place: New Delhi
Date: 24.09.2018

