



# National Centre for Cold-chain Development

# Annual Report

***2019-20***

Published by:



*Autonomous organization of*  
Ministry of Agriculture  
New Delhi - India



**National Centre for Cold-chain Development**  
2<sup>nd</sup> Floor, B-Wing, Janpath Bhawan, New Delhi-110001

**Annual Report of the  
National Centre for Cold-chain Development (NCCD)  
for FY 2019-20**

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**Annual Report of the  
National Centre for Cold-chain Development (NCCD)  
for FY 2019-20**

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**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 2019-20 were audited by chartered accountants empanelled with the office of the Comptroller and Auditor General of India, M/s APN & Associates.

Summary of Income and Expenditure account for F.Y.2019-20 is as follows:

Item	Rs in lakh
Income from interest and others	239.42
<i>Less:</i> Administrative expenses	98.04
Excess of income over expenditure	141.38
15% of gross income exempt u/s 11	35.91
Balance set apart for 'General Public Utility' purposes over next 5 years	105.47
<b>Total</b>	<b>141.38</b>

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.2019-20 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.

A summary of year-wise Income and Expenditure account of NCCD from F.Y. 2011-12 to 2019-20 and Annual Accounts & Audit Report for F.Y.2019-20 are at **Annexure-K**.

## B. 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.

## C. Establishment - HR status

Shri P.K.Swain, JS(Marketing) was holding additional charge of Director, NCCD from 19.04.2018 to 16.10.2019. Shri Rajbir Singh, JS(MIDH) took additional charge of Director, NCCD w.e.f 17.10.2019. Shri Pawanexh Kohli, an expert from cold-chain industry, served as CEO-NCCD and Chief Advisor from 1.2.2014 to 31.1.2020. Shri BNS Murthy, Horticulture Commissioner has taken additional charge of CEO-NCCD w.e.f. 28.02.2020.

Executive Committee of NCCD approved initial staff strength of 13 persons, against which 5 persons were in position as on 31-3-2020. Executive Committee of NCCD consists of 13 members under chairmanship of Secretary(AC&FW). The Governing Council consists of 16 members under Secretary(AC&FW) as President. List of EC and GC members is attached.

## D. Society Membership Status

As of March 2020, NCCD has 24 lifetime members. Category-wise List of Members:

Category- Fees (Rs)	Annual	Lifetime	Total
Company- C (50,000 / 4,00,000)	-	5	5
Associate- A (10,000)	-	-	-
Educational Institute- R (Nil)	-	16	16
Patron- P (20,00,000)	-	1	1
Grower- G (Turnover <5 lakh- Nil; Others- 10,000)	-	-	-
Industry Body- I (75,000 / 5,00,000)	-	2	2
	-	24	24

Members of the society join in activities of NCCD as stakeholder participants and may undertake knowledge dissemination activities 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.

## E. Technical and other Initiatives

### *Project TRANSITION*

Sheffield University is undertaking research on Transforming Cold Food Chains in India through Space Sciences and Technologies (TRANSITION) – a multidisciplinary project from Aug-2019 to Sept-2021, selected by the Global Challenges Research Fund. The project aims to establish demonstration (incubation/demo hubs) for Sustainable Cold-Chain Development at sites in India. It will explore use of space thermal engineering, cryogenics, infrared thermography, data science capabilities, etc. across fresh-food supply chains from farm-to-fork. Project leads visited India in 2018 and held interactions with NCCD and NCCD is advising on the project.

### ***IICTF, Agro-processing Ecosystems through Cooperatives***

On 12<sup>th</sup> October 2019, NCCD participated as a knowledge partner in NCDC's - IICTF, Agro-processing Ecosystems through Cooperatives at Pragati Maidan. The Trade Fair was aimed at promoting cooperative to cooperative trade within India and abroad leading to enhanced rural and farm prosperity. NCCD has continued interactions with NCDC which has set up a cold-chain division. NCCD has also undertaken capacity building of officers of NCDC in cold-chain at Laxmanrao Inamdar National Academy for Cooperative Research and Development (LINAC) in May 2019.

Jointly Organised By: NCDC (Assisting Cooperatives. Always!), NEDAC, APEDA, NAFED, ITPO, Government of West Bengal, Government of Haryana, Government of Rajasthan, Government of Uttar Pradesh.

Prime State Partners: Government of Andhra Pradesh, Government of Karnataka, Government of Madhya Pradesh, Government of Maharashtra, Government of Odisha, Government of Punjab, Government of Tamil Nadu, Government of Uttar Pradesh.

Supported by: Ministry of Agriculture, Government of India; Ministry of Food Processing, Government of India; Ministry of Commerce, Government of India; Ministry of Industries, Government of India; Ministry of Skill Development & Entrepreneurship, Government of India.

**India International Cooperatives Trade Fair**  
October 11-13, 2019  
Pragati Maidan, New Delhi, India

Exhibition Area: 70,000 sq. ft.  
Exhibition Hall: 7  
Exhibitors: 2000

INCREDIBLE OPPORTUNITIES FOR COOPERATIVE TRADE

**IICTF**

Exhibition Dates: 11-13 OCTOBER, 2019  
Exhibiting Hours: 9.00 am - 8.00 pm  
Location: Pragati Maidan, 15 km from IGI Airport

NCDC (Assisting Cooperatives. Always!)  
+91-11-26962478 / IICTF@NCCD.IN  
www.iictf.in | www.iccf.co.in

### ***India National Cooling Action Plan- Ministry of Environment, Forest & Climate Change***

NCCD was nominated one of industry representatives in MoEF&CC- Empowered Steering Committee for implementation of Montreal Protocol on 28<sup>th</sup> September 2017 and continued to participate in their meetings in 2019. MoEF&CC has released the India National Cooling Action Plan (NCAP) in March 2019 in line with the amendments to the Montreal Protocol in Kigali. NCCD was the key expert resource and authored the cold-chain components which were fully adopted. NCCD maintained the positive impact of cold-chain in mitigating greenhouse gas emissions rather than it being perceived as a contributor to GHG.

### ***Solar Cooling Initiative - International Solar Alliance (ISA)***

ISA launched a solar cooling initiative on 5-Aug-2019 to address cold-chain agricultural needs across its member nations, with NCCD as the sole knowledge partner. The initiative includes the concept of community cooling hubs propagated by NCCD. NCCD also developed the next steps and targets for an international working group & continues interactions with ISA.

### ***Amity University-3<sup>rd</sup> Symposium on Sustainable technologies for food processing***

NCCD participated and delivered keynote address in the 3rd Symposium on Sustainable technologies for food processing & preservation, Bio-economy and Fisheries organized by Amity University, which was held on 5<sup>th</sup> – 6<sup>th</sup> December, 2019 in Kolkata.



## F. Applied Research and Studies

### *Doubling Farmer's Income Committee*

NCCD was knowledge partner to DFI Committee. NCCD remained closely involved in formulation and release of the DFI Report in September 2018. In Jan-2019 an Empowered Body on DFI was formed of which CEO-NCCD is an active member.

**The Third Symposium**  
Sustainable technologies for food processing and preservation  
5 - 6 December 2019

**Kolkata , INDIA**

**Questions and topics for discussion**

- Within fish processing industry: Is resources utilization sufficient? Can it be improved?
- How can energy efficiency be improved?
- Extracting proteins from wash water
- Improving cold chain
- How to increase collaboration between industry and research institutes (students' trainees etc. )
- Which possibilities are there for new collaboration projects within Bioeconomy?
- What are the funding opportunities for research in Norway and India?

**Annual meeting to foster new relations and opportunities**  
An annual symposium will be used to disseminate the research, innovation and education results achieved by Re-FOOD and ReValue, as well as an opportunity to create new contact to strengthen the cooperation on bio-economy.

Project webpages:  
[www.sintef.no/en/projects/re-food/](http://www.sintef.no/en/projects/re-food/)  
[www.sintef.no/prosjekter/revalue/](http://www.sintef.no/prosjekter/revalue/)

Contact: [Kristina.widell@sintef.no](mailto:Kristina.widell@sintef.no)  
[Nkaushik5@amity.edu](mailto:Nkaushik5@amity.edu)

PLACE: Amity University Kolkata  
TIME: 5-6 December, 2019

### **BEE study on Pack-houses**

The World Bank is providing TA to BEE to undertake a comprehensive study on energy requirements and efficiency in cold-chain pack-houses. WB requested that this study have support of NCCD. The field work was completed in 2018 and NCCD was requested to support the BEE study on energy efficiency in horticulture pack-houses. Commencing May-2019, the study is partnered with World Bank, who informed that NCCD participation was key to their decision to provide assistance. It

will give BEE relevant information to enable policy level support to provide pack-houses the enabling tools to be more energy efficient.

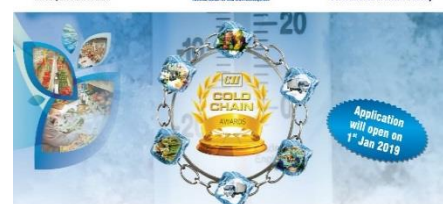
### **NDDB study**

In Jan-2019, NDDB wrote communicating its desire to nominate NCCD to undertake a study on "Assessing the requirements of procurement, processing and cold chain infrastructure across the value chain along with gaps in the dairy sector" under NDP-I. Multiple interactions and meetings held and proposal developed with CII-FACE as member of NCCD. However, NCCD also highlighted necessary changes to concept & methodology and revisions in timelines.

## G. Awareness Building, Workshops & Seminars

### **Excellence Awards in Cold-chain**

NCCD chairs the Jury for the CII-NCCD Awards for Excellence in Cold-chain. The 4th edition of CII-NCCD Awards was held on 20-Nov-2019 to recognize individual/organizations for pre-eminence and outstanding contributions to the field of cold chain management and to raise awareness about sustainable success and competitiveness through best practices. NCCD has continued to support the most lauded excellence awards in cold-chain in the country.



### *Other programs and interactions*

The domain inputs sought by NHB are provided by NCCD; Regular inputs on Parliament questions; supporting IC interactions. NCCD is on Project Appraisal Committee of MIDH and technical committees of APEDA. NCCD provided guidance to Department of Consumer Affairs on onion evacuation and storage options including action to mitigate price rise; Interactions on National Logistics Policy during roundtables with MoCI in 2019; inputs to DAC&FW in identifying national infrastructure pipeline; inputs to MoFPI on cold-chain, inputs provided to APEDA-MoCI on facilitating agricultural exports from Varanasi in June 2019; inputs to MoRTH on reefer trucks, etc.

NCCD is a member of Governing Council of Logistics Sector Skill Council (LSC) which has initiated various programs to develop skilled human resources in logistics sector. NCCD has provided strategic inputs on developing training modules in cold-chain logistics including refrigerated truck operators.

### **H. Capacity Building & Knowledge Dissemination**

NCCD has given three lectures to trainees at Lal Bahadur Shastri National Academy of Administration(LBSNAA) in 2019-20on Cold-chain Logistics and in National Defence College (NDC) on Global Resource Crisis, lecture to International Cooling Congress at UNEP Innovation Summit, lecture in Laxmanrao Inamdar National Academy for Cooperative Research and Development (LINAC) - training session on DFI and cold-chain. Addressed students and faculty of SBS, Sharda University on enhancing farmer's income; lecture on Cold-chain potential in India: Prospects and Concerns in Amity University; Speaker at Japan Invest (ASSOCHAM) on Cold Chain Opportunities in North East States. NCCD is extensively engaged in capacity building and knowledge dissemination at various levels.

**I. Executive Committee of NCCD**

March, 2020

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	Joint Secretary(MIDH) Deptt. of Agriculture, Cooperation & Farmers Welfare Krishi Bhawan, New Delhi	Committee Member (approved by GC on 7.1.2013)
4	Agricultural marketing Adviser & Joint Secretary (Marketing), Deptt. of Agriculture, Cooperation & Farmers Welfare Krishi Bhawan, New Delhi	Committee Member
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	Managing Director Central Warehousing Corporation 4/1, Siri Fort Institutional Area, Hauz Khas, New Delhi	Committee Member
8	Representative of Secretary, Ministry of Food Processing Industries, New Delhi	Special Invitee (approved by Secy- AC&FW on 25.7.14)
9	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)
10	Representative of Confederation of Indian Industry (CII)	Committee Member
11	Elected Member from Cold Storage Service Provider	Committee Member
12	Chief Executive Officer, NCCD (Industry Expert in GC)	Committee Member (approved by 3 <sup>rd</sup> GC on 21.12.2018)
13	Director, NCCD	Member Secretary

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

**J. Governing Council of NCCD**

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	Additional Secretary (I/c Horticulture) Deptt. of Agriculture, Cooperation & Farmers Welfare Krishi Bhawan, New Delhi	Special Invitee
3	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)
4	Director General, Bureau of Indian Standards (BIS) Manak Bhawan, 9, Bahadur Shah Zafar Marg New Delhi-110002	Ex-Officio Member
5	Agricultural Marketing Adviser & Joint Secretary (Marketing), Deptt. of Agriculture, Cooperation & Farmers Welfare, Krishi Bhawan, New Delhi	Ex-Officio Member
6	Joint Secretary(MIDH) Deptt. of Agriculture, Cooperation & Farmers Welfare Krishi Bhawan, New Delhi	Ex-Officio Member
7	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
8	Managing Director, National Horticulture Board, 85, Sector 18, Gurgaon, Haryana	Ex-Officio Member
9	Representative of Railway Board (Not below the equivalent rank of Joint Secretary to Government of India), Rail Bhawan, New Delhi	Ex-Officio Member
10	Chairman - APEDA NCUI Building, 3 Institutional Area, New Delhi	Ex-Officio Member
11	Managing Director Central Warehousing Corporation 4/1, Siri Fort Inst Area Hauz Khas, New Delhi-110016	Ex-Officio Member
12	APC/Pr Secy/Secretary(Agriculture/Horticulture/ Marketing) of two different States to be nominated by DAC	Nominated by Govt. of India
13	APC/Pr Secy/Secretary(Agriculture/Horticulture/ Marketing) of two different States to be nominated by DAC	Nominated by Govt. of India
14	Representative of Confederation of Indian Industry (CII) - 23, Institutional Area, Lodhi Road, New Delhi-110003	Ex-officio Member
15	Chief Executive Officer, NCCD (Industry Expert in GC)	Ex-Officio Member (approved by 3 <sup>rd</sup> GC on 21.12.2018)
16	Director NCCD	Member Secretary

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

**K. Year-wise Income and Expenditure Account of NCCD**

(Rs in lakh)

S.No	Income/Expenditure	2011-12	2012-13	2013-14	2014-15	2015-16	2016-17	2017-18	2018-19	2019-20
<b>A</b>	<b>Income</b>									
1	Interest Income	0.34	183.58	253.73	263.26	275.03	285.42	254.20	225.38	239.42
2	Membership Fees	12.00	3.41	39.48	25.48	16.97	17.15	4.22	-	-
3	Appraisal Support	-	-	11.40	45.80	22.93	4.01	-	-	-
	<b>Total – A</b>	<b>12.34</b>	<b>186.99</b>	<b>304.61</b>	<b>334.54</b>	<b>314.92</b>	<b>306.58</b>	<b>258.42</b>	<b>225.38</b>	<b>239.42</b>
<b>B</b>	<b>Expenses</b>									
1	Salary	-	6.37	23.89	76.90	72.89	85.46	81.28	76.71	78.11
2	Other Expenses	0.38	5.64	20.30	28.03	11.69	22.41	15.93	17.48	19.93
	<b>Total – B</b>	<b>0.38</b>	<b>12.01</b>	<b>44.19</b>	<b>104.93</b>	<b>84.58</b>	<b>107.87</b>	<b>97.21</b>	<b>94.19</b>	<b>98.04</b>
<b>C</b>	<b>Surplus (A-B)</b>	<b>11.96</b>	<b>174.98</b>	<b>260.42</b>	<b>229.61</b>	<b>230.34</b>	<b>198.71</b>	<b>161.21</b>	<b>131.19</b>	<b>141.38</b>





**A P N & ASSOCIATES**  
CHARTERED ACCOUNTANTS

4232/1, Ansari Road, Darya Ganj, New Delhi – 110002  
Ph : 23261100 ; 23263598; Fax : 43518988  
Email : apn\_associates@yahoo.in, jn50@rediffmail.com

**FORM NO.10B**

[See Rule 17B ]

**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 as at 31-03-2020 and the 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 accounts have been kept at the head office & branches of the above named 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 branches not visited by us, subject to the comments given below :

In Our opinion and to the best of Our information, and according to the information given to us, the said accounts, give a true and fair view:-

- (a) in the case of the balance sheet, of the state of affairs of the above named institution as at 31-03-2020, and  
(b) in the case of the income & expenditure account, Excess of Income over Expenditure of the assessee for the year ended on that date.

Place : New Delhi  
Dated : 24/07/2020

20 JUL 2020



For APN & ASSOCIATES  
Chartered Accountants

*Jitender Nath*

CA Jitender Nath  
Partner

M.No - 015549

4232/1, ANSARI ROAD, DARYAGANJ, NEW DELHI  
110002

Firm Reg.No -001876N





**National Centre for Cold-chain Development**  
**BALANCE SHEET AS ON 31st MARCH, 2020**

(Rupees)

Particulars	Schedules	As on 31st March, 2020	As on 31st March, 2019
<b><u>CAPITAL FUND AND LIABILITIES:</u></b>			
Capital Fund (Corpus)	1	250,000,000	250,000,000
General Fund (Reserve and surplus)	2	65,989,702	62,398,354
Income Set Aside u/s11(2) of I.T.Act	3	66,112,636	55,566,030
Current Labilities	4	8,544,931	7,986,508
Fixed Assets - Contra, Corpus	5	10,433	12,739
Fixed Assets - Contra, NLA	5	402,587	474,084
<b>Total</b>		<b>391,060,289</b>	<b>376,437,715</b>
<b><u>ASSETS:</u></b>			
Fixed Assets - Contra, Corpus	5	10,433	12,739
Fixed Assets - Contra, NLA	5	402,587	474,084
Investments - Fixed Deposits	6	356,300,000	331,800,000
Current assets, loans and advances	7	34,347,269	44,150,892
<b>Total</b>		<b>391,060,289</b>	<b>376,437,715</b>

Significant Accounting Policies and  
Notes on Accounts

10

AS PER OUR REPORT OF EVEN DATE ATTACHED

For APN & Associates  
Chartered Accountants  
FRN : 001876N

For National Centre For Cold-chain Development

(CA.Jitender Nath)  
Partner  
Membership No. 015549

(K.K Dhingra)  
Advisor  
Finance

(BNS Murthy)  
Chief Executive  
Officer

(Rajbir Singh Panwar)  
Director

Place: New Delhi  
Date : 24.07.2020

**National Centre for Cold-chain Development**  
**INCOME AND EXPENDITURE ACCOUNT FOR YEAR ENDED 31st MARCH 2020**

(Rupees)

Particulars	Schedules	For year ended 31 March, 2020	For year ended 31 March, 2019
<b>INCOME:</b>			
Interest Earned	8	23,942,323	22,538,550
<b>Total (A)</b>		<b>23,942,323</b>	<b>22,538,550</b>
<b>REVENUE EXPENDITURE:</b>			
Establishment (Salary & wages)		7,811,370	7,670,693
Administrative Expenses	9	1,992,999	1,748,617
<b>Total (B)</b>		<b>9,804,369</b>	<b>9,419,310</b>
<b>Excess of Income over Expenditure (A-B)</b>		<b>14,137,954</b>	<b>13,119,240</b>
Less: Transferred to General Reserve		3,591,348	3,380,782
Set Aside u/s 11(2) of I.T. Act		10,546,606	9,738,458

Significant Accounting Policies and  
Notes to Accounts

10

AS PER OUR REPORT OF EVEN DATE ATTACHED

For APN & Associates  
Chartered Accountants  
FRN : 001876N

For National Centre For Cold-chain Development

(CA.Jitender Nath)  
Partner  
Membership No. 015549

(K.K Dhingra)  
Advisor  
Finance

(BNS Murthy)  
Chief Executive  
Officer

(Rajbir Singh Panwar)  
Director

Place: New Delhi  
Date : 24.07.2020

**National Centre for Cold-chain Development**  
**SCHEDULE FORMING PART OF FINANCIAL STATEMENTS AS ON 31st MARCH, 2020**

**SCHEDULE 1 : CAPITAL FUND (CORPUS)**

(Rupees)

Particulars	As on 31st March, 2020	As on 31st March, 2019
Government of india (Ministry of Agriculture & Farmers Welfare/NHB)	250,000,000	250,000,000
<b>Total</b>	<b>250,000,000</b>	<b>250,000,000</b>

**SCHEDULE 2 : GENERAL FUND (RESERVE & SURPLUS)**

Particulars	As on 31st March, 2020	As on 31st March, 2019
Opening Balance as per last Balance Sheet	62,398,354	59,017,572
Add : Excess of Income over Expenditure	3,591,348	3,380,782
<b>Total</b>	<b>65,989,702</b>	<b>62,398,354</b>

**SCHEDULE 3 : INCOME SET ASIDE U/S 11(2) OF IT ACT 1961**

Particulars	As on 31st March, 2020	As on 31st March, 2019
Opening Balance as per last Balance Sheet	55,566,030	45,827,572
Add :Set Aside u/s 11(2) of IT Act	10,546,606	9,738,458
<b>Total</b>	<b>66,112,636</b>	<b>55,566,030</b>

**SCHEDULE 4 : DETAILS OF CURRENT LIABILITIES**

Particulars	As on 31st March, 2020	As on 31st March, 2019
Expenses Payable	349,138	67,869
NLA Fund Payable (MIDH)	8,195,793	7,918,640
<b>Total</b>	<b>8,544,931</b>	<b>7,986,509</b>

**National Centre for Cold-chain Development**  
**NOTE FORMING PART OF FINANCIAL STATEMENTS AS ON 31st MARCH, 2020**

**SCHEDULE 5 Fixed Assets- Corpus**

(Rupees)

Particulars	Block	WDV	Additions	Total	Depreciation	WDV
		As at 1.4.2019	F.Y. 2019-20	As at 31.3.2020	For current year	As at 31.3.2020
WATER DISPENSOR	15%	3,314	-	3,314	497	2,817
MICROWAVE	15%	4,158	-	4,158	624	3,534
MOBILE	15%	4,387	-	4,387	658	3,729
<b>Sub-total</b>		<b>11,859</b>	<b>-</b>	<b>11,859</b>	<b>1,779</b>	<b>10,080</b>
COMPUTERS	60%	529	-	529	317	212
LAPTOP	60%	183	-	183	110	73
SOFTWARE(Tally)	60%	168	-	168	100	68
<b>Sub-total</b>		<b>880</b>	<b>-</b>	<b>880</b>	<b>527</b>	<b>353</b>
<b>TOTAL</b>		<b>12,739</b>	<b>-</b>	<b>12,739</b>	<b>2,306</b>	<b>10,433</b>

**SCHEDULE 5 Fixed Assets-NLA**

(Rupees)

Particulars	Block	WDV	Additions	Total	Depreciation	WDV
		As at 1.4.2019	F.Y. 2019-20	As at 31.3.2020	For current year	As at 31.3.2020
FURNITURE	10%	135,480	-	135,480	13,548	121,932
<b>Sub-total</b>		<b>135,480</b>	<b>-</b>	<b>135,480</b>	<b>13,548</b>	<b>121,932</b>
CORDLESS PHONE	15%	38,283	-	38,283	5,742	32,541
LCD SCREEN	15%	26,290	-	26,290	3,944	22,346
SCANNER/PHOTOCOP	15%	20,189	-	20,189	3,028	17,161
TABLETS	15%	59,375	-	59,375	8,906	50,469
MOBILE	15%	42,652	-	42,652	6,398	36,254
REFRIGERATOR	15%	7,099	-	7,099	1,065	6,034
AIR CONDITIONER	15%	125,398	-	125,398	18,810	106,588
LAMINATION MACHINE	15%	3,408	-	3,408	511	2,897
<b>Sub-total</b>		<b>322,694</b>	<b>-</b>	<b>322,694</b>	<b>48,404</b>	<b>274,290</b>
PRINTER	60%	778	-	778	467	311
LAPTOP	60%	14,634	-	14,634	8,780	5,854
SOFTWARE(Prezi)	60%	498	-	498	298	200
<b>Sub-total</b>		<b>15,910</b>	<b>-</b>	<b>15,910</b>	<b>9,545</b>	<b>6,365</b>
<b>TOTAL</b>		<b>474,084</b>	<b>-</b>	<b>474,084</b>	<b>71,497</b>	<b>402,587</b>

**SCHEDULE 6 : INVESTMENTS - FIXED DEPOSITS**

(Rupees)

Particulars	As on 31st March, 2020	As on 31st March, 2019
Fixed Deposits with State Bank of India (Corpus)	250,000,000	250,000,000
Fixed Deposits with State Bank of India(Others)	86,500,000	62,000,000
Fixed Deposits with ICICI Bank (Others)	19,800,000	19,800,000
<b>Total</b>	<b>356,300,000</b>	<b>331,800,000</b>

**SCHEDULE 7- CURRENT ASSETS, LOANS AND ADVANCES.**

Particulars	As on 31st March, 2020	As on 31st March, 2019
<b>A. CURRENT ASSETS:</b>		
Balance in State Bank of India	24,002,112	28,711,116
<b>B. LOANS &amp; ADVANCES</b>		
TDS A.Y. 2016-17	-	2,678,895
TDS A.Y. 2017-18	-	2,779,561
TDS A.Y. 2018-19	2,479,280	2,479,280
TDS A.Y. 2019-20	2,171,494	2,171,494
TDS A.Y. 2020-21	2,266,051	
Office Imprest	23,573	21,351
Security Deposit (ISD)	2,000	2,000
Accrued Interest on Fixed Deposits	3,402,759	5,307,195
<b>Total</b>	<b>34,347,269</b>	<b>44,150,892</b>

**SCHEDULE 8- INTEREST EARNED**

Particulars	As on 31st March, 2020	As on 31st March, 2019
Interest on fixed deposits with State Bank (Corpus)	15,625,052	15,625,051
Interest on other fixed deposits with SBI and ICICI Bank	7,034,922	6,089,398
Interest on Income tax refund	762,145	
Interest on saving account with SBI	797,357	1,085,861
Less: Interest transferred to MIDH A/C	277,153	261,760
Net interest on saving account	520,204	824,101
<b>Total</b>	<b>23,942,323</b>	<b>22,538,550</b>

## SCHEDULE 9-ADMINISTRATIVE EXPENSES

Particulars	(Rupees)	
	For the year ending 31 March, 2020	For the year ending 31 March, 2019
Audit fee (F.Y 2017-18 & 2018-19)	120,360	-
Printing & Stationary	161,141	22,939
Travelling expenses	31,464	12,588
Cartridge	36,580	38,840
Telephone & Internet	75,709	90,468
Professional Charges	974,872	920,380
Misc Expenses	14,848	12,383
News papers & Magazines	13,178	15,142
Transport Charges	476,873	543,644
Repair & Maintenance	10,726	-
NPS Charges	832	971
Bank Charges	-	3,397
Guest/Staff Welfare	46,916	53,865
Medical Insurance	29,500	34,000
<b>Total</b>	<b>1,992,999</b>	<b>1,748,617</b>

## National Centre for Cold-chain Development

### ACCOUNTING POLICIES AND NOTES ON ACCOUNTS FORMING PART OF BALANCE SHEET AS ON 31<sup>ST</sup> MARCH, 2020

#### **NOTE-10**

#### **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) Depreciation is charged annually to reduce the value of assets shown in balance sheet over a period of time, and reduced as per contra entries, as per applicable income tax rates.
- 4) Investments are valued at cost.
- 5) Foreign currency transactions are recorded at the rate of exchange prevailing on the date of the transaction. The difference in transaction of monetary value regarding assets & liabilities and realized capital gains/losses on foreign exchange rates are recognized in accounts in current year.
- 6) Funds allocated for providing services to MIDH as its national level agency have been accounted separately and utilized for the approved activities accordingly.

#### **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.2019-20, as income of the society is exempt under section 11 of IT Act. It has accumulated an amount of Rs 6,61,12,636 under section 11(2) of I.T. Act since FY 2015-16, to be utilized in next five years each, as detailed below:

Financial Year	Amount	To be utilised by *
2015-16	1,83,10,095	31.03.2021
2016-17	1,52,72,603	31.03.2022
2017-18	1,22,44,874	31.03.2023
2018-19	97,38,458	31.03.2024
2019-20	1,05,46,606	31.03.2025
Total	6,61,12,636	

\*Income tax deptt. may allow one more year, at their discretion, to complete the ongoing project/work.

- 2) Services provided by the National Centre for Cold-chain Development by way of cold chain knowledge dissemination are exempt from GST.
- 3) NCCD has received funds for providing services as National Level Agency (NLA) from Mission for Integrated Development of Horticulture (MIDH). The unspent balance of Rs 81,95,793/- (including Rs 2,77,153/- interest on unspent amount) remained unutilized as on 31.03.2020.
- 4) Contingent Liability: No liability has been recognised for income tax demand of Rs 70,42,203/- for assessment year 2019-20 as ITO has not considered deduction for administrative expenses as per Income and Expenditure account and also did not grant exemption to NCCD u/s 11 of I.T. Act. This is erroneous and not tenable in law. An appeal to the Income Tax Commissioner (Appeal) has been filed against this demand and NCCD is confident that the demand will be cancelled.

AS PER OUR REPORT OF EVEN DATE ATTACHED

For APN & Associates  
Chartered Accountants  
FRN: 001876N

For National Centre of Cold-chain Development

(CA. Jitender Nath)  
Partner  
Membership No. 015549

(K.K Dhingra)  
Advisor Finance

(BNS Murthy)  
Chief Executive  
Officer

(Rajbir Singh Panwar)  
Director

Place: New Delhi  
Date: 24.07.2020



## L. 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

## Events, conferences & interactions having direct participation of NCCD in 2019-20

Date	Description- Workshop-seminar
24 -Apr-19	Logistics Sector Skill Council – Governing Council
2-May-19	LINAC training session on DFI and cold-chain- Lecture
9-May-19	PHD seminar on Port Modernisation & Multi-modal Transportation System- Chair
7-Jun-19	Fresh India Show 2019 by Media Today- Speaker
10-Jun-19	Income enhancement and agro processing LINAC- Lecture
14-Jun-19	Strengthening Smart Food Supply Chain for Sustainable Production & Exports, PHDCCI- Keynote address
26-Jun-19	Workshop on Community Cooling Hubs- webinar speaker
26 -Jun-19	ISHRAE World Refrigeration Day- Guest of Honour
8-Jul-19	National Defence College (NDC) module on Global Resource Crisis- Lecture
17 -Jul-19	LBSNAA Ph-III - Cold-chain Logistics - panel discussion and lecture
24-Jul-19	Training needs in cold-chain - Logistics Skill Council – brainstorming
5-Aug-19	International Solar Alliance (ISA) solar cooling initiative launch- Keynote
8-Aug-19	Japan Invest - Cold Chain Opportunities in North East States- Speaker
10-Sep-19	UNEP Innovation Summit – panellist
13-Sep-19	Cold-chain potential in India: Prospects and Concerns, Amity University- Lecture
27-Sep-19	ET Summit - Cold chain ticket to a new era of abundance & economic growth- Speaker
1-Oct-19	Maritime Trainers Guild conference - Guest of Honour
4 -Oct-19	World Bank/BEE Stakeholder's meet on energy efficiency in pack-houses - keynote
12-Oct-19	IICTF, Agro-processing Ecosystems through Cooperatives – concept - Speaker
15-Oct-19	SBS, Sharda University – enhancing farmers income - Lead address
16-Oct-19	LBSNAA Foundation course paper to PM- review
22-Nov-19	Cold-chain for Doubling Farmers Income, REFCOLD- keynote address
4-Dec-19	Fisheries Symposium, Amity UnivKolkatta- Keynote
12-Dec-19	LBSNAA Phase-III - agri-logistics - panel discussions and lecture
16-Dec-19	Inaugural session of NCR urban planning by MoHUA- speaker
27-Dec-19	Pre-Budget consultation with experts at BJP HQ- participant