Dalmia cement

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DCBL/YKLM/MoEF/EC-HYC/2023-24/ 279 Date: 04.12.2023

To,

The Regional Director
Ministry of Environment, Forest & Climate Change
Regional Office (South Zone),
Kendriya Sadan,4th Floor,
E & F wing, 17th Main Road,
II Block, Koramangala,
Bengaluru – 560034.

Dear Sir,

Sub: Submission of Six Monthly EC Compliance Report for the duration of April 2023 to September 2023.

Ref: F.No.J-11011/119/2007 - IA II (M) Dated. 24th June 2008 & EC extension dated 11th August 2014.

With Reference to the above, we are here with attached Six Monthly Environment Clearance compliance reports of M/s. Dalmia Cement (Bharat) Limited, Yadwad village, Mudalagi Taluk, Belgaum district, Karnataka, for the period of April 2023 to September 2023.

Kindly request to acknowledge the same.

Yours faithfully

For M/s. Dalmia Cement (Bharat) Limited

Authorised Signatory

Cc: 1. The Environmental Officer, Karnataka State Pollution Control Board, Plot No.3224/3, Hanuman Nivas, First Floor, B.K. Collage Road, Chikkodi-591201.
2. The Member Secretary, Karnataka State Pollution Control Board, Parisara Bhavana, 1st to 5th Floor, #49, Chruch street, Bengaluru-560001.
3. Regional Officer, Central Pollution Control Board, Nisarga Bhavan, Thimmaiah Road, 7th D Main Rd, Shivanagar, Bengaluru, Karnataka - 560079.

Half Yearly Compliance Report

On

Environmental Clearance

Dalmia Cement (Bharat) Limited

(An ISO 14001, 18001, 9001 and 50001 Certified Company)

Yadwad village ,
Mudalagi Taluk,
Belagavi District ,
Karnataka, - 591136

Production Capacity:

Cement: 4.0 MTPA,
Clinker: 2.6 MTPA and
Captive Power Plant: 40 MW

PROJECT PROFILE

1	Project type	Industry (I) - Cement and Captive Power Plant
2	Name of the project	Dalmia Cement (Bharat) Ltd. Cement Plant (4.0 MTPA), Clinker (2.60 MTPA), and Captive Power Plant (40MW)
3	Clearance letter No.& date	F. No. J-11011/119/2007-IA II(I), Dated: 24.06.2008.
4	Location: District & State / UT	RS No. 394, Yadwad Village, Mudalagi Taluk, Belagavi District, KARNATAKA – 591136
5	Address for correspondence:	M/s Dalmia Cement (Bharat) Limited, RS No. 394, Yadwad Village, Mudalagi Taluk, Belagavi District, KARNATAKA – 591136 Phone: +918334 4292271 Fax No: +91 40 - 30006955 Web: www.dalmiacement.com
6	Financial Details:	
a	Project cost as originally planned and subsequent revised estimates and the years of price reference	1500.00 Crores
b	Allocations made for environmental management plans, with item breakup	**Approximate Cost (INR):** 1. Online Continuous Ambient Air Quality Monitoring Machine: Rs. 35,25,815 2. Online Continuous Emission Monitoring System: Rs. 26,38,498 3. Installation of Air pollution control equipment like Bag filters, Bag House and ESP: Rs. 3,24,62,546 4. Installation of closed conveyor system: Rs. 5,18,51,062 5. Construction of closed sheds for Raw material storage: Rs. 37,49,90,000 6. Construction of Internal Roads: Rs. 7,00,00,000 7. Green belt development: Rs. 1,20,00,000 8. Environmental Monitoring: Rs. 44,00,000 9. Construction of Rain Water Harvesting Lake: Rs. 65,40,000 10. Construction of Rain Water Harvesting Pond: Rs. 26,32,000 Total Cost: Rs. 56,10,39,921
c	Total expenditure on the Project so far	1600.00 Crores

d	Planned and Actual expenditure incurred on the environmental management plans so far	❖ Planned expenditure on Environmental management system:31.05 Cr ❖ Actual expenditure on Environmental management system:56.10 Cr
7.	Status of construction:	Completed
a.	Date of commencement	1st October 2012
b.	Date of completion (actual and/or planned)	25th March 2015 – Cement Production
a.	Date of site visit of Director-MOEF&CC/CPCB Officials	CPCB official visit: 12th and 13th February 2019

S.No	Conditions	Compliance Status
A.	**Specific Conditions**	
i.	Continuous stack monitoring facilities to monitor gaseous emissions from all the stacks shall be provided and limit of particulate matters shall be controlled within 50 mg/Nm^3 by installing adequate air pollution control system. Electrostatic precipitator (ESP) to clinker cooler and captive power plant, bag house to raw mill / kiln and cement mill shall be provided to control air emissions within 50 mg/Nm^3 and reports submitted to the Ministry's Regional Office at Bangalore, Central Pollution Control Board (CPCB) and Karnataka Pollution Control Board (KPCB).	**Complied** • Online Continuous Emission monitoring systems (OCEMS) for gaseous emissions form all the stacks at Cement plant & CPP are provided and connected to CPCB Server. • The Copy of CEMS report is attached as **Annexure 1** • High Efficiency of Electrostatic Precipitators has been installed for clinker cooler and Captive Power Plant, Bag house has been provided mill to maintain the emission well with in stipulated limit. • Copy of statistical analysis of third-party monitoring reports is attached as **Annexure 2.**
ii.	Secondary fugitive emissions shall be controlled within the prescribed limits and regularly monitored. Guidelines / Code of Practice issued by the CPCB in this regard shall be followed. Bag filters with ventilation system shall be provided to coal mill, all the raw material handling areas, clinker, cement & fly ash silos, clinker hoppers etc. to control fugitive emissions from the material handling areas. Closed clinker stockpile system shall be adopted and bag filters shall be provided to clinker hoppers. Water sprinkling arrangements shall be made in the material stockyards and cement bags loading areas. To eliminate fugitive emissions, transportation of the ash to the cement plant shall be in closed containers and pneumatic transfer of the ash into ash silos in cement plant.	**Complied** • Bag Filters have been installed in all emission sources. • Bag house for Coal Mill, Raw mill and ESP for clinker cooler have been installed • Closed clinker stockpile system implemented with Bag filter. • Water sprinkling arrangements made as per the conditions. • Fugitive emissions controlled by dust suppression system through water tankers. • In addition to this, to eliminate fugitive emissions, transportation of the ash to the cement plant is being carried out through encapsulated fly ash Bulker only and the ash transfer to ash silos are being carried out pneumatically. • All conveyors are covered. • The Fugitive emissions are within the CPCB standards • Third party monitoring report of Fugitive emissions is enclosed as **Annexure 3**

iii.	Efforts shall be made to reduce impact of the transport of the raw materials and end products on the surrounding environment including agricultural land. Wagon and truck tipplers for unloading and transportation shall be covered with tarpaulin. Internal roads shall be asphalted and sprinkled with water regularly.	**Complied** Following efforts have been made to reduce the impact of transportation on surrounding environment including agricultural land: • The transportation of the raw materials and products through covered vehicles and overloading of materials not allowed. • All the trucks are parked at concreted parking area. • Fully covered conveyor system implemented for transportation of crushed limestone, coal and gypsum within the cement plant. • Covered Raw material, Additive and coal storage yard provided to prevent airborne fugitive dust emission in the surrounding environment. • Covered tarpaulin system implemented at truck tipplers for unloading. • Internal roads are made of RCC. • Water tankers are deployed for sprinkling of water at regular intervals on the internal concrete roads, parking area and unloading areas. • Sweeping machines are deployed for regular sweeping of road, parking area and loading area. • Plantations done all along the roads.
iv.	As proposed, total water requirement from Ghataprabha River shall not exceed 3,100 m^3/day. No water shall be drawn from Dodahalla nallah. Captive Power Plant shall be provided with air-cooled condensers to reduce the water intake. The process effluent from captive power plant (CPP) shall be treated in effluent treatment plant (ETP) and treated waste water shall be recycled and reused in the cement manufacturing process and/or for dust suppression, green belt development and other plant related activities etc. No process waste water shall be discharged outside the factory premises and 'zero' discharge shall be adopted.	As mentioned in EC that total water requirement is 3100 m^3/day. Due to design constraint of equipment and low production of plant, existing water usage is 1490 m^3/day and remaining water requirement will be Considered after expansion of Plant. Pipeline implementation could not be completed due to geological and topological difficulties. Meanwhile, to meet plant's water requirement, DCBL developed 3 rainwater harvesting pits (Manas Sarovar, Pushkar and Rain water Harvesting Pit). Collected Rain water alone is not sufficient to meet the plant water demand and hence NOC obtained from Karnataka Ground Water Authority for withdrawal of ground

		water vide letter no. DE0011198953705 dated 11.01.2022. The information of withdrawal of GW has been informed to MoEF&CC regarding the same **vide letter dated 04.01.2013.** • Captive Power Plant has been provided with air-cooled condensers to reduce the water consumption. • The effluent from captive power plant (CPP) is being treated in ETP and treated wastewater is recycled back to the plant for secondary usage. • No process waste water is discharged outside the factory premises and hence ZLD is adopted.
v.	'Permission' for the drawl of 3,100 m^3/day from River Ghataprabha shall be obtained from concerned Department. Captive Power Plant shall be provided with air-cooled condensers to reduce the water intake.	As mentioned in EC that total water requirement is 3100 m^3/day. Due to design constraint of equipment and low production of plant, existing water usage is 1490 m^3/day and remaining water requirement will be Considered after expansion of Plant. Pipeline implementation could not be completed due to geological and topological difficulties. Meanwhile, to meet plant's water requirement, DCBL developed 3 rainwater harvesting pits (Manas Sarovar, Pushkar and Rain water Harvesting Pit). Collected Rain water alone is not sufficient to meet the plant water demand and hence NOC obtained from Karnataka Ground Water Authority for withdrawal of ground water vide letter no. DE0011198953705 dated 11.01.2022. The information of withdrawal of GW has been informed to MoEF&CC regarding the same **vide letter dated 04.01.2013.** But now company is proposing expansion in Existing Cement Plant for which additional water will be required. It is proposed to use water from Ghattprabha River in addition to ground water and rain water harvesting. Accordingly, renewal of permission for withdrawal of 3148 KLD water from Ghataprabha river has been Obtained ***vide* order no. WRD/18/NIN/2022, Valid till 05.02.2024.** • The Captive power plant is provided with air-cooled condensers to minimize the water intake.

vi	All the fly ash shall be utilized as per Fly ash Notification, 1999 subsequently as amended in 2003.	**Complied** • All the Fly ash generated form our CPP has been utilized in cement manufacturing Process
vii	Efforts shall be made to use fly ash generated from the power plant maximum in making Pozzolana Portland Cement (PPC). Bed ash shall be collected in ash cooler hoppers and then conveyed to a bed ash storage silo for further use as boiler bed material.	**Complied** • Fly ash from CPP is being utilized in the cement manufacturing process. Bed ash is being collected in ash cooler and then conveyed to bed ash storage silo for further use as boiler bed material.
viii	All the dust collected from pollution control devices shall be recycled and reused in the process and used for cement manufacturing. Refractory bricks having high recycling values shall be sold to outside agencies or disposed off in environment-friendly manner. Domestic solid waste i.e. sludge shall be composted and used as organic manure for the green belt development within the plant and colony area. Used oil and scrapped auto mobile batteries shall be sold to authorized recyclers/ re-processors only.	**Complied** • All the Dust collected from pollution control equipment's are being reused in the process and for cement manufacturing. • Refractory bricks are being sold out to outside agencies and while disposing all environment protection measures have been taken to avoid any pollution. • Domestic solid waste is converted into organic manure for green belt development. • Waste oil are being stored separately in covered leak proof containers on concrete floor and are co-processed in kiln. • Used Oil along with grease has been stored scientifically and disposed off to PCB approved vendors. • Used batteries are being disposed to authorized recyclers / re-processors or buyback through registered vendor only.
ix	An effort shall be made to use of high calorific hazardous waste viz. municipal solid waste, solvents, spent oil, agro waste, sludge from DG sets and used tyres etc. in the cement kiln and necessary provision shall be made accordingly.	• The high calorific hazardous wastes are being used in kiln as fuel based on availability and feasibility. • We have authorization from KSPCB for co-processing of hazardous and other waste in kiln. • Efforts are being made to explore the possibility of increasing the usage of Hazardous and other Waste.
x.	Efforts shall be made to use low grade lime, more fly ash and solid waste in the cement manufacturing.	**Complied** • Fly ash is being used in the manufacturing process of cement. Efforts are being made as a continuous process to utilize low grade limestone to the optimum level.

xi	As proposed in EIA/EMP, out of total 120 ha., green belt shall be developed in 40 ha (33 %) in and around the plant as per the CPCB guidelines to mitigate the effects of air emissions in consultation with local DFO.	**Complied** • Since Commencement of project work, massive plantation program is undertaken. • Nurturing and watering of the plantation made is being carried out on continuous basis to sustain the survival rate of the green belt Photographs are attached as **Annexure -4**

xii.	Prior environmental clearance from the Ministry of Environment & Forests for the Captive (Yadwad) limestone mine shall be obtained.	**Complied** Obtained EC from Ministry of Environment & Forest F.No.J-11015/36/2009- IA.II (M), Dated 13 march 2015.
xii.	All recommendations made in the Corporate Responsibility for Environment Protection (CREP) for cement plants shall be implemented.	**Complied** All recommendations made by CREP for Cement Plants are implemented.
B	**GENERAL CONDITIONS**	
i.	The project authority shall adhere to the stipulations made by Karnataka Pollution Control Board (KPCB) and State Government.	**Complied** All the conditions stipulated by KSPCB in CFO and subsequent directions as well as conditions laid by State Government shall be adhered.
ii.	No further expansion or modification of the plant shall be carried out without prior approval of this Ministry	**Complied** No modification carried out since commissioning. Any modification or expansion shall be carried out with prior approval from the Ministry.
iii.	The gaseous and particulate matter emissions from various units shall conform to the standards prescribed by the Karnataka Pollution Control Board. At no time, the particulate emissions from the cement plant shall exceed KPCB limit. Interlocking facility shall be provided in the pollution control equipment so that in the event of the pollution control equipment not working, the respective unit(s) is shut down automatically	**Complied** • Interlocking facility had been provided to pollution Control Equipment's so that in the event of the pollution control equipment not working properly the respective unit(s) will shut down automatically. • Report on stack emissions confirming to KSPCB standards is attached as **Annexure 1 & 2**

iv.	One ambient air quality monitoring station shall be installed in downwind direction. Ambient air quality including ambient noise levels shall not exceed the standards stipulated under EPA or by the State authorities. Monitoring of ambient air quality and stack emissions shall be carried out regularly in consultation with KSPCB and report submitted to the KPCB quarterly and to the Ministry's Regional Office at Bangalore half-yearly	**Complied** • One online Ambient Air Quality monitoring station installed in the downwind direction. Copy of Online AAQM data (day Average) is attached as **Annexure 5** • Online Continuous Stack Emission Monitoring System (OCEMS) is also installed in all the stacks. The data is being uploaded in CPCB server continuously. • All the emission levels were maintained within standards stipulated by the PCB. • A third-party agency approved by MoEF & CC, M/s Cosmo Conscious Research Laboratory is deployed for monitoring of Air, Water, soil, Noise and monitoring on fixed intervals. • Copy of statistical analysis of third-party monitoring reports of Ambient Air Quality, Stack emission and Online Ambient Air quality data are enclosed as **Annexure 6** • Half-yearly reports are being submitted to Ministry's Regional Office at Bangalore.
v.	The company shall install adequate dust collection and extraction system to control fugitive dust emissions at various transfer points, raw mill handling (unloading, conveying, transporting, stacking), vehicular movement, bagging and packing areas etc. Asphalting/concreting of roads and water spray all around the stockyard and loading / unloading areas shall be carried out to control fugitive emissions. Covered sheds for storage of raw materials and fully covered conveyors for transportation of materials shall be provided besides coal, cement, fly ash and clinker shall be stored in silos	**Complied** • Adequate dust collection and extraction systems are installed at various transfer points, raw mill handling (unloading, conveying, transporting, stacking) etc. • Bag filters had been installed at all emission Sources. • 9 km Internal RCC roads developed to control fugitive emissions. • Covered sheds for storage of raw materials and coal • All conveyors are covered for transportation of crushed limestone, coal and gypsum within the cement plant. • RCC Silos for clinker storage, Cement and fly ash.
vi	The company shall harvest the rainwater from the rooftops and storm water drains to recharge the ground water and use the same water for the various activities of the project to conserve fresh water	**Complied** • Nearly 1,89,000 KL Capacity rain water harvesting pond developed with drains to collect all the surface runoff during monsoon to conserve water. • The location map of Rain Water Harvesting pond is enclosed as **Annexure 7**

vii	The company shall undertake Eco-development measures including community welfare measures in the project area	**Being Complied** • Efforts are being undertaken Eco development measures. • Some of the following measures are being implemented as a continuous development at surrounding villages o Livelihood and Skill building Programs o Health care camps o Water Infrastructure facilities o Education o ODF village o Community hall development etc. • Report on Eco development and community development measures is attached as **Annexure 8**
viii	The overall noise levels in and around the plant area shall be kept well within the standards (85 dBA) by providing noise control measures including acoustic hoods, silencers, enclosures etc. on all sources of noise generation. The ambient noise levels shall conform to the standards prescribed under Environmental (Protection) Act, 1986 Rules, 1989 viz. 75 dBA (day time) and 70 dBA (night time)	• Overall noise levels in and around the plant area are being controlled within the standards prescribed by Board. • Noise monitoring is being carried out by third party agency on regular basis and the reports were confirming to the standards. • The report on Noise monitoring as attached as **Annexure 9**
ix.	Proper housekeeping and adequate occupational health programmes shall be taken up.	**Complied** • Sweeping Machines have been deployed to maintain proper housekeeping with in plant premises. • Pre-employment medical check-up has been undertaken for all employees. First aid facility is provided at OHC Centre inside the factory premises with 24 hrs ambulance availability. • Health awareness program and first aid training are being provided on continuous basis. Enclosed as **Annexure 10**
x.	A separate environmental management cell to carry out various management and monitoring functions shall be set up under the control of Senior Executive	**Complied** • A dedicated Environment Management Cell has been established with Environment officer under the control of Senior Executive to carry out various environment management and monitoring functions.
xi.	As proposed in EIA/EMP, Rs. 31.05 Corers and Rs. 4.28 Corers earmarked towards capital cost and recurring cost/annum respectively for the environmental pollution control measures shall be suitable used to implement the	• The funds hence provided are exclusively for the implementation of the Environment Management Plan. • Recurring cost incurred to control the pollution control equipment for the FY 2023-

	conditions stipulated by the Ministry of Environment and Forests as well as the State Government. The funds so provided shall not be diverted for any other purpose.	24 is 4.7 crores Enclosed as **Annexure-11** • We have incurred an expenditure of about 56.10 Cr. for Bag house in cement mill, Raw Mill, Coal Mill and ESP of clinker cooler and implementation of EMP as well as for green belt development.
xii	The Regional Office of this Ministry at Bangalore / CPCB / KPCB shall monitor the stipulated conditions. A six-monthly compliance report and the monitored data along with statistical interpretation shall be submitted to them regularly	**Complied** • The monitoring activities are being carried out regularly. Six months compliance report and the monitored data along with statistical interpretation submitted to RO Bangalore, CPCB/KPCB regularly.
xiii	The Project Authorities shall inform the Regional Office as well as the Ministry, the date of financial closure and final approval of the project by the concerned authorities and the date of commencing the land development work.	**Complied** • Date of Financial Closure: 31st March 2016. • Date of commencement of land development work: 1st October 2012.
xiv	The Project Proponent shall inform the public that the project has been accorded environmental clearance by the Ministry and copies of the clearance letter are available with the Karnataka Pollution Control Board and may also be seen at Website of the Ministry of Environment and Forests at http:/envfor.nic.in. This should be advertised within seven days from the date of issue of the clearance letter at least in two local newspapers that are widely circulated in the region of which one shall be in the vernacular language of the locality concerned and a copy of the same shall be forwarded to the Regional office at Bangalore.	**Complied** • It was advertised in Deccan Herald in English and Prajavani in Kannada and copies of same sent with previous compliance Report. A copy of the same forwarded to the Ministry's Regional Office at Bangalore.

Dalmia Cement (Bharat) Ltd., YADWAD 591 136 Karnataka

Authorized Signatory

Annexure -1

Online Pollution Monitoring Portal

Site Name: M/s.DALMIA CEMENT (BHARAT) LTD.,

From Date: 2023/04/01 To Date: 2023/09/30

Report Name: Custom Report

Report Created by DCBPL on 2023-11-20 15:49:05

Sl No.	Time	Stack7_Coal Mill-PM -	Stack20_Cooler-PM -	Stack11_CementMill-PM -	Stack24_KIL N-PM -	Stack24_KIL N-NOx -	Stack24_KIL N-SO2 -	Stack_CPP_ 125TPH_Boi	Stack_CPP_ 125TPH_Boi	Stack_CPP_ 125TPH_Boi
1	2023-04-01	4.48	3.52	0.59	6.41	434.96	15.15	NA	NA	NA
2	2023-04-02	5.84	2.88	0.51	5.46	438.07	15.98	NA	NA	NA
3	2023-04-03	5.89	1.62	0.57	5.75	437.55	16.89	NA	NA	NA
4	2023-04-04	5.36	2.1	0.47	5.19	430.06	12.97	NA	NA	NA
5	2023-04-05	4.9	2.29	0.57	6.07	422.48	11.84	NA	NA	NA
6	2023-04-06	4.81	3.36	1.87	5.59	390.54	14.81	NA	NA	NA
7	2023-04-07	4.94	1.04	0.87	5.57	419.32	48.47	NA	NA	NA
8	2023-04-08	3.34	1.27	0.6	3.69	450.15	42.6	NA	NA	NA
9	2023-04-09	5.75	3.42	0.55	3.19	447.6	31.9	NA	NA	NA
10	2023-04-10	4.65	1.95	0.58	2.97	437.22	30.59	NA	NA	NA
11	2023-04-11	3.51	1.44	0.48	2.36	413.6	27.48	NA	NA	NA
12	2023-04-12	2.47	0.48	0.58	1.03	407.02	32.51	NA	NA	NA
13	2023-04-13	4.12	1.79	1.28	1.72	380.61	31.84	NA	NA	NA
14	2023-04-14	4.05	0.67	0.61	1.83	371.39	32.75	NA	NA	NA
15	2023-04-15	4.69	0.45	0.59	0.08	406.7	46.75	NA	NA	NA
16	2023-04-16	3.94	0.61	0.68	0.09	399.23	37.04	NA	NA	NA
17	2023-04-17	4.06	0.48	0.88	0.1	384.15	27.69	NA	NA	NA
18	2023-04-18	4.33	1.96	0.66	0.1	368.43	11.09	NA	NA	NA
19	2023-04-19	4.07	2.99	0.78	0.11	382.15	22.9	NA	NA	NA
20	2023-04-20	5.03	1.28	0.69	0.17	391.2	36.95	NA	NA	NA
21	2023-04-21	3.98	0.73	0.53	3.84	425.7	29.25	NA	NA	NA
22	2023-04-22	4.47	0.75	0.44	5.87	429.22	24.52	NA	NA	NA
23	2023-04-23	4.11	2.57	0.48	6.15	432.07	23.22	NA	NA	NA
24	2023-04-24	4.38	5.38	0.43	4.86	431.69	20.34	NA	NA	NA
25	2023-04-25	4.95	3.48	0.5	4.36	431.47	17.07	NA	NA	NA
26	2023-04-26	4.69	5.47	0.23	5.92	429.96	17.31	NA	NA	NA
27	2023-04-27	3.91	1.23	0.24	4.4	422.35	14.89	NA	NA	NA
28	2023-04-28	4.21	1.19	0.18	4.91	412.13	14.24	NA	NA	NA
29	2023-04-29	3.71	1.74	0.18	19.83	417.7	19.53	NA	NA	NA
30	2023-04-30	3.91	1.32	0.08	12.19	424.08	22.59	NA	NA	NA
31	2023-05-01	4.32	1.94	0.06	5.14	432.36	18.77	NA	NA	NA
32	2023-05-02	3.78	1.76	0.4	4.72	427.97	11.59	NA	NA	NA
33	2023-05-03	3.53	3.29	1.23	4.66	428.66	11.32	NA	NA	NA
34	2023-05-04	4.2	4.52	1.06	5.71	433.12	10.49	NA	NA	NA
35	2023-05-05	3.73	2.4	0.8	5.59	432.76	7.45	NA	NA	NA
36	2023-05-06	4	4.67	0.4	6.15	435.55	7.46	NA	NA	NA
37	2023-05-07	4.07	4.86	0.97	5.76	433.6	6.22	NA	NA	NA
38	2023-05-08	4.81	2.43	0.42	5.9	460.61	18.52	NA	NA	NA
39	2023-05-09	2.97	2.48	0.76	5.25	453.78	23.87	NA	NA	NA
40	2023-05-10	4.22	1.17	0.83	4.95	426.15	15.11	NA	NA	NA
41	2023-05-11	3.67	1.75	1.71	4.57	413.9	12.96	NA	NA	NA
42	2023-05-12	4.34	1.02	1.53	4.07	419.15	17.94	NA	NA	NA
43	2023-05-13	4.67	1.02	0.48	4.16	425.91	19.35	NA	NA	NA
44	2023-05-14	4.81	1.42	0.72	4.09	431.2	19.89	NA	NA	NA
45	2023-05-15	3.3	1.72	0.79	3.76	434.5	19.92	NA	NA	NA
46	2023-05-16	3.25	3.16	0.77	3.42	433.79	18.95	NA	NA	NA
47	2023-05-17	3.37	3.65	0.83	3.26	429.78	18.07	NA	NA	NA
48	2023-05-18	3.93	3.14	0.68	3.17	419.19	16.98	NA	NA	NA
49	2023-05-19	3.41	3.6	0.98	3.3	411.47	20.03	NA	NA	NA
50	2023-05-20	4.46	6.85	1.29	3.56	407.95	22.8	NA	NA	NA
51	2023-05-21	4.88	2.04	0.72	3.28	404.29	22.14	NA	NA	NA
52	2023-05-22	4.15	1.19	0.78	3.06	403.43	22.42	NA	NA	NA
53	2023-05-23	4.27	0.81	0.71	3	406.85	23.51	NA	NA	NA
54	2023-05-24	4.48	0.76	0.69	3.17	407.69	23.57	NA	NA	NA
55	2023-05-25	3.98	0.83	0.99	3.07	411.31	24.56	NA	NA	NA
56	2023-05-26	4.52	1.19	1.37	2.71	419.33	24.63	NA	NA	NA
57	2023-05-27	3.61	0.82	0.95	2.94	423.55	22.6	NA	NA	NA
58	2023-05-28	4.28	0.82	0.6	2.75	424.38	21.49	NA	NA	NA

Annexure -1

Online Pollution Monitoring Portal

Site Name: M/s.DALMIA CEMENT (BHARAT) LTD.,

From Date: 2023/04/01 To Date: 2023/09/30

Report Name: Custom Report

Report Created by DCBPL on 2023-11-20 15:49:05

Sl No.	Time	Stack7_Coal Mill-PM -	Stack20_Cooler-PM -	Stack11_CementMill-PM -	Stack24_KIL N-PM -	Stack24_KIL N-NOx -	Stack24_KIL N-SO2 -	Stack_CPP_ 125TPH_Boi	Stack_CPP_ 125TPH_Boi	Stack_CPP_ 125TPH_Boi
59	2023-05-29	4.26	0.93	0.37	2.87	420.85	19.18	NA	NA	NA
60	2023-05-30	3.86	0.79	0.4	2.76	406.86	16.31	NA	NA	NA
61	2023-05-31	5.16	0.68	0.26	2.7	414.46	17.32	NA	NA	NA
62	2023-06-01	4.4	1.29	0.11	2.7	417.59	15	NA	NA	NA
63	2023-06-02	5.58	1.03	0.01	2.82	425.94	13.06	NA	NA	NA
64	2023-06-03	3.7	0.75	0	2.88	428.41	11.7	NA	NA	NA
65	2023-06-04	4.84	0.76	0	2.52	426.62	10.53	NA	NA	NA
66	2023-06-05	4.53	0.55	0	2.52	427.44	10.86	NA	NA	NA
67	2023-06-06	4.37	1.6	0.19	2.29	428.54	11.55	NA	NA	NA
68	2023-06-07	5.33	1.26	1.07	2.55	428.06	11.47	NA	NA	NA
69	2023-06-08	5.65	1.51	0.87	2.21	438.86	16.6	NA	NA	NA
70	2023-06-09	4.25	0.88	1.76	2.14	444.68	15.85	NA	NA	NA
71	2023-06-10	5.09	1.21	1.41	2.4	450	12.22	NA	NA	NA
72	2023-06-11	4.82	0.74	1.22	2.12	459.22	3.89	NA	NA	NA
73	2023-06-12	4.68	0.6	1.37	1.91	429.51	10.15	NA	NA	NA
74	2023-06-13	4.27	0.51	1.43	2.06	458.96	74.98	NA	NA	NA
75	2023-06-14	5	0.75	1.72	2.58	462.67	78.01	NA	NA	NA
76	2023-06-15	5.3	0.68	1.46	2.12	464.23	76.38	NA	NA	NA
77	2023-06-16	4.71	0.83	0.51	2.08	465.11	76.15	NA	NA	NA
78	2023-06-17	5	0.63	2.1	2.18	466	74.61	NA	NA	NA
79	2023-06-18	3.51	0.53	1.9	1.89	465.6	74.31	NA	NA	NA
80	2023-06-19	4.19	0.6	1.76	2.23	466.05	73.88	NA	NA	NA
81	2023-06-20	5.25	0.82	1.7	2.49	397.19	44.51	NA	NA	NA
82	2023-06-21	4.3	0.83	1.23	2.39	312.39	19.24	NA	NA	NA
83	2023-06-22	2.32	4.81	0.7	1.07	309.46	23.86	NA	NA	NA
84	2023-06-23	0.49	1.46	1.41	0.47	305.07	29.33	NA	NA	NA
85	2023-06-24	5.16	1.96	0.62	2.2	317.35	34.44	NA	NA	NA
86	2023-06-25	2.74	1.36	2.81	1.1	320.42	29.62	NA	NA	NA
87	2023-06-26	4.41	1.97	1.35	1.84	321.01	27.66	NA	NA	NA
88	2023-06-27	5.86	1.84	1.61	2.16	322.99	25.8	NA	NA	NA
89	2023-06-28	4.81	2.29	0.82	2.55	327.41	25.6	NA	NA	NA
90	2023-06-29	3.62	2.34	0.31	2.11	328.9	24.87	NA	NA	NA
91	2023-06-30	3.43	2.58	0.29	2.2	329.66	22.91	NA	NA	NA
92	2023-07-01	5	1.69	1.09	2.11	326.77	20.18	NA	NA	NA
93	2023-07-02	4.94	1.82	1.48	2.02	326.03	20.94	NA	NA	NA
94	2023-07-03	3.6	1.54	0.31	2.38	329.22	22.75	NA	NA	NA
95	2023-07-04	4.04	1.4	0.64	2.36	329	19.43	NA	NA	NA
96	2023-07-05	4.69	1.26	0.68	2.15	328.75	18.79	NA	NA	NA
97	2023-07-06	3.82	1.28	0.35	1.98	332.67	20.39	NA	NA	NA
98	2023-07-07	5.77	1.37	0.29	1.78	335.3	17.48	NA	NA	NA
99	2023-07-08	5.99	1.2	0.09	1.6	336.88	14.46	NA	NA	NA
100	2023-07-09	6.21	1.7	0.05	1.65	335.34	10.91	NA	NA	NA
101	2023-07-10	5.95	2.1	0.43	1.57	334.54	10.23	NA	NA	NA
102	2023-07-11	4.43	1.46	0.4	1.49	333.42	11.79	NA	NA	NA
103	2023-07-12	4.84	1.55	1	1.52	332.09	10.33	NA	NA	NA
104	2023-07-13	5.38	1.06	0.69	1.48	329.31	11.88	NA	NA	NA
105	2023-07-14	5.31	1.75	0.24	1.36	335.21	13.68	NA	NA	NA
106	2023-07-15	4.37	1.61	0.01	1.31	336.84	10.64	NA	NA	NA
107	2023-07-16	4.44	1.45	0	1.21	337.99	8.14	NA	NA	NA
108	2023-07-17	5.22	2.07	0	1.23	340.21	7.58	NA	NA	NA
109	2023-07-18	3.96	1.59	0	1.19	343.13	6.83	NA	NA	NA
110	2023-07-19	4.09	1.84	0	1.01	351.61	3.9	NA	NA	NA
111	2023-07-20	6.04	1.07	0	1.48	353.86	11.41	NA	NA	NA
112	2023-07-21	4.33	1.09	0	1.52	357.64	29.32	NA	NA	NA
113	2023-07-22	4.8	1.06	0	1.52	362.71	27.61	NA	NA	NA
114	2023-07-23	5.57	2.37	0	1.47	367.54	25.07	NA	NA	NA
115	2023-07-24	4.8	0.84	0	1.44	375.02	22.01	NA	NA	NA
116	2023-07-25	4.39	0.76	0	1.34	386.02	20.78	NA	NA	NA

Annexure -1

Online Pollution Monitoring Portal

Site Name: M/s.DALMIA CEMENT (BHARAT) LTD.,

From Date: 2023/04/01 To Date: 2023/09/30

Report Name: Custom Report

Report Created by DCBPL on 2023-11-20 15:49:05

Sl No.	Time	Stack7_Coal Mill-PM -	Stack20_Cooler-PM -	Stack11_CementMill-PM -	Stack24_KIL N-PM -	Stack24_KIL N-NOx -	Stack24_KIL N-SO2 -	Stack_CPP_ 125TPH_Boi	Stack_CPP_ 125TPH_Boi	Stack_CPP_ 125TPH_Boi
117	2023-07-26	5.03	0.77	0.01	1.33	402.7	14.23	NA	NA	NA
118	2023-07-27	5.42	0.61	0.01	1.22	416.01	8.59	NA	NA	NA
119	2023-07-28	5.15	0.56	0.25	1.17	425.4	16.43	NA	NA	NA
120	2023-07-29	4.89	0.54	0.04	1.06	429.09	27.35	NA	NA	NA
121	2023-07-30	5.02	0.53	0	1.02	430.16	27.15	NA	NA	NA
122	2023-07-31	3.86	0.59	0.6	0.99	429.11	27.95	NA	NA	NA
123	2023-08-01	4.08	0.72	0.07	0.96	427.88	29.14	NA	NA	NA
124	2023-08-02	3.71	0.76	0	0.99	426.02	31.17	NA	NA	NA
125	2023-08-03	4.64	2.5	0.15	1.06	423.71	33.64	NA	NA	NA
126	2023-08-04	3.42	1.96	0.54	1.1	420.77	33.74	NA	NA	NA
127	2023-08-05	3.74	1	0.72	1.11	416.89	32.68	NA	NA	NA
128	2023-08-06	4.21	1.08	0.52	1.69	413.55	34.37	NA	NA	NA
129	2023-08-07	4.36	0.72	0.17	1.84	409.92	36.03	NA	NA	NA
130	2023-08-08	4.39	0.74	0.02	1.74	405.46	36.17	NA	NA	NA
131	2023-08-09	4.54	0.55	0.35	1.77	394.25	34.77	NA	NA	NA
132	2023-08-10	4.88	0.43	0.17	1.7	376.92	32.94	NA	NA	NA
133	2023-08-11	4.58	0.56	0.03	1.45	370.39	35.69	NA	NA	NA
134	2023-08-12	5.86	0.43	0	1.37	364.2	38.36	NA	NA	NA
135	2023-08-13	5.81	0.39	0.08	1.18	363.82	42.62	NA	NA	NA
136	2023-08-14	5.31	0.45	0.88	1.04	361.21	45	NA	NA	NA
137	2023-08-15	4.95	0.5	0.64	0.91	354.79	44.88	NA	NA	NA
138	2023-08-16	5.53	1.12	0.01	1.13	347.77	46.47	NA	NA	NA
139	2023-08-17	5.52	5.62	0.02	0.8	338.61	46.37	NA	NA	NA
140	2023-08-18	4.72	1.08	0.35	0.94	349.14	51.19	NA	NA	NA
141	2023-08-19	3.16	1.19	1.12	1.05	356.53	44.8	NA	NA	NA
142	2023-08-20	0.49	3.12	0.61	1.02	355.37	0	NA	NA	NA
143	2023-08-21	0.49	0.14	0.13	0.97	348.45	0	NA	NA	NA
144	2023-08-22	0.49	0.17	0	0.95	345.72	0	NA	NA	NA
145	2023-08-23	2.83	6.18	0	0.31	342.72	0	NA	NA	NA
146	2023-08-24	5.1	4.36	0	0.4	342.82	0	NA	NA	NA
147	2023-08-25	5.38	3.62	0.74	0.49	340.41	0	NA	NA	NA
148	2023-08-26	4.79	5.59	0.74	0.97	341.57	31.38	NA	NA	NA
149	2023-08-27	6.02	6.61	0	1	326.66	26.91	NA	NA	NA
150	2023-08-28	5.67	10.1	0	0.59	319.97	25.77	NA	NA	NA
151	2023-08-29	5.79	8.65	0.81	0.17	305.71	18.83	NA	NA	NA
152	2023-08-30	2.63	7.88	NA	0.02	259.3	0.27	NA	NA	NA
153	2023-08-31	0.49	0.81	NA	0	298.12	15.48	NA	NA	NA
154	2023-09-01	0.49	0.06	NA	0	290.97	13.29	NA	NA	NA
155	2023-09-02	5.26	4.77	NA	0	289.9	11.11	NA	NA	NA
156	2023-09-03	4.58	5.5	NA	0	331.21	47.68	NA	NA	NA
157	2023-09-04	0.49	2.2	NA	0	332.82	42.42	NA	NA	NA
158	2023-09-05	0.49	0.04	NA	0	385.18	54.74	NA	NA	NA
159	2023-09-06	3.08	4.5	NA	0	382.26	45.48	NA	NA	NA
160	2023-09-07	6.13	4.45	NA	0	361.26	38.64	NA	NA	NA
161	2023-09-08	2.15	1.35	NA	0	348.79	37.92	NA	NA	NA
162	2023-09-09	0.49	0.38	NA	0	355.12	43.31	NA	NA	NA
163	2023-09-10	1.39	3.99	NA	0	356.45	44.04	NA	NA	NA
164	2023-09-11	5.75	4.33	NA	0	343.58	39.89	NA	NA	NA
165	2023-09-12	5.41	4.57	NA	0	326.37	40.71	NA	NA	NA
166	2023-09-13	0.49	1.87	NA	0	302.72	38.57	NA	NA	NA
167	2023-09-14	0.49	1.99	NA	0	303.4	46.4	NA	NA	NA
168	2023-09-15	0.49	0.46	NA	0	315.8	52.1	NA	NA	NA
169	2023-09-16	NA	NA	NA	NA	318.09	51.42	NA	NA	NA
170	2023-09-17	NA	NA	NA	NA	321.92	52.79	NA	NA	NA
171	2023-09-18	NA	NA	NA	NA	320.09	51.51	NA	NA	NA
172	2023-09-19	NA	NA	NA	NA	329.36	54.59	NA	NA	NA
173	2023-09-20	NA	NA	NA	NA	326.42	51.46	NA	NA	NA
174	2023-09-21	NA	NA	NA	NA	325.71	50.54	NA	NA	NA

Annexure -1

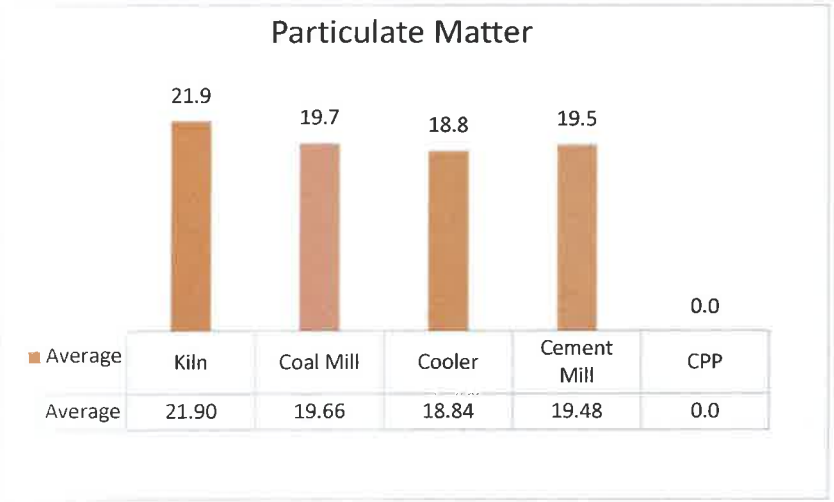
Online Pollution Monitoring Portal										
Site Name: M/s.DALMIA CEMENT (BHARAT) LTD.,										
From Date: 2023/04/01 To Date: 2023/09/30										
Report Name: Custom Report										
Report Created by DCBPL on 2023-11-20 15:49:05										
Sl No.	Time	Stack7_Coal Mill-PM -	Stack20_Cooler-PM -	Stack11_CementMill-PM -	Stack24_KILN-PM -	Stack24_KILN-NOx -	Stack24_KILN-SO2 -	Stack_CPP_125TPH_Boi	Stack_CPP_125TPH_Boi	Stack_CPP_125TPH_Boi
175	2023-09-22	NA	NA	NA	NA	322.92	49.23	NA	NA	NA
176	2023-09-23	NA	NA	NA	NA	318.8	47.9	NA	NA	NA
177	2023-09-24	NA	NA	NA	NA	320.54	49.11	NA	NA	NA
178	2023-09-25	0.49	0.05	0.01	0	327.14	51.85	NA	NA	NA
179	2023-09-26	0.49	0.04	0.01	0	324.42	51.27	NA	NA	NA
180	2023-09-27	0.49	0.01	0.02	0.03	329.91	54.71	NA	NA	NA
181	2023-09-28	0.49	0.01	0	0.36	345.43	55.45	NA	NA	NA
182	2023-09-29	0.49	0.02	0.01	0.47	350.65	49.54	NA	NA	NA
183	2023-09-30	0.49	0.05	0	0.47	368.35	53.27	NA	NA	NA
184	Prescribed Standards	0 - 30	0 - 30	0 - 30	0 - 30	0 - 600	0 - 100	0 - 50	0 -	0 -
185	Maximum Value	6.21	10.1	2.81	19.83	466.05	78.01	NA	NA	NA
186	Maximum Value At Time	2023-07-09	2023-08-28	2023-06-25	2023-04-29	2023-06-19	2023-06-14	NA	NA	NA
187	Minimum Value	0.49	0.01	0	0	259.3	0	NA	NA	NA
188	Minimum Value At Time	2023-06-23	2023-09-27	2023-06-03	2023-08-31	2023-08-30	2023-08-20	NA	NA	NA
189	Geometric Mean	4.08	1.88	0.58	2.28	382.31	27.45	NA	NA	NA
190	Median	4.38	1.28	0.52	1.81	386.02	23.22	NA	NA	NA
191	Standard Deviation	1.47	1.73	0.54	2.29	48.98	17.14	NA	NA	NA
192	Valid Data Points	174	174	157	174	183	183	0	0	0
193	Total Data Points	183	183	183	183	183	183	183	183	183
194	Data Availablity %	95.08	95.08	85.79	95.08	100	100	0	0	0

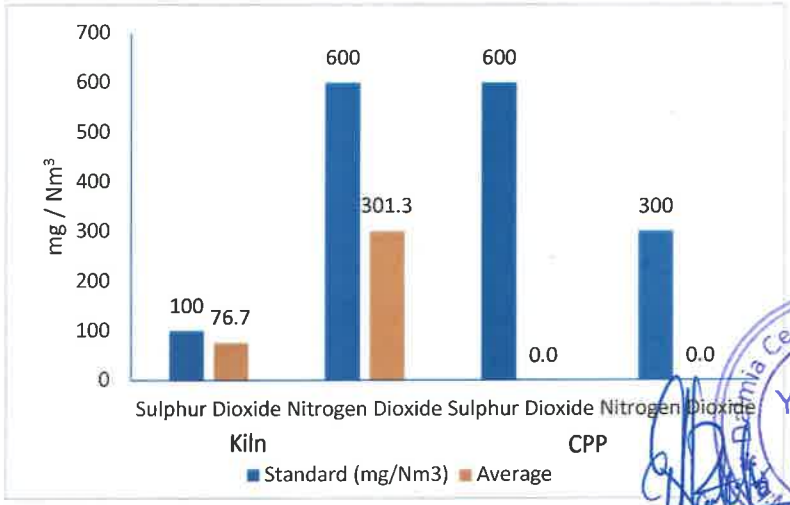
*** CPP is not Working since May 2022**

Annexure - 2

THIRD PARTY STACK EMISSION MONITORING - Apr 23- Sep 23

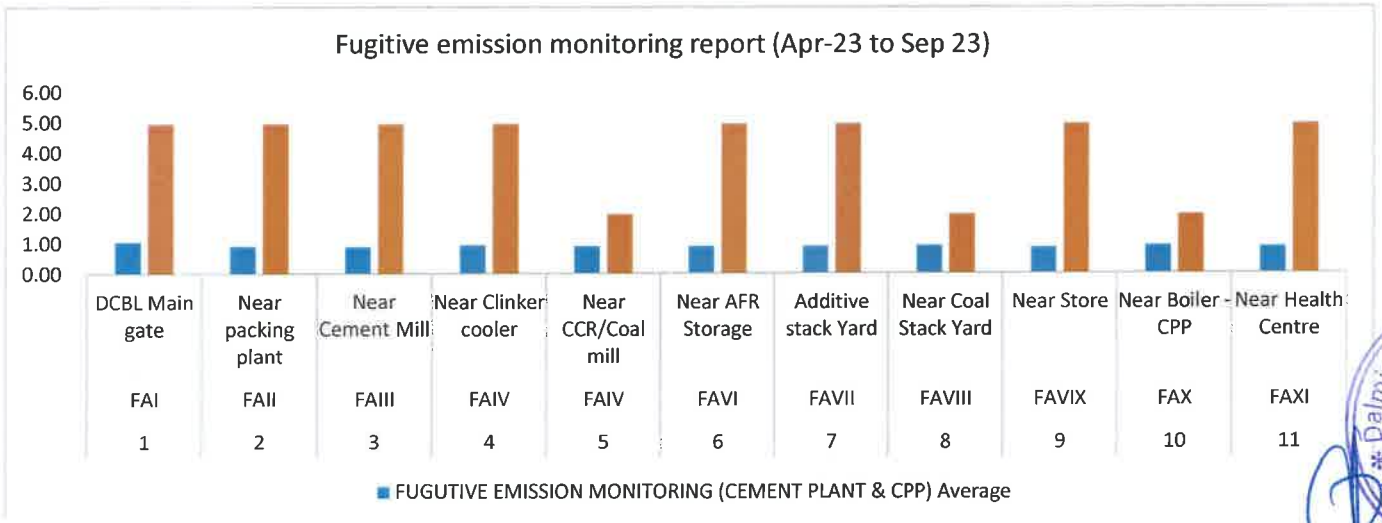
Stack Details	Emission Parameter	Standard (mg/Nm3)	Apr-23	May-23	Jun-23	Jul-23	Aug-23	Sep-23	Average
Kiln	Sulphur Dioxide	100	68.2	72.3	86.1	82.5	74.20	SHUT DOWN	76.66
	Nitrogen Dioxide	600	423.41	387.91	274.11	215.63	205.46		301.30
	Particulate Matter	30	20.4	27.3	21.2	19.6	21.00		21.90
Coal Mill	Particulate Matter	30	15.7	18.2	23.9	22.1	18.40	SHUT DOWN	19.66
Cooler	Particulate Matter	30	21.8	23.7	14.8	16.7	17.20	SHUT DOWN	18.84
Cement Mill	Particulate Matter	30	18.5	19.7	23.2	20.4	15.60	SHUT DOWN	19.48
CPP	Particulate Matter	50	SHUT DOWN	SHUT DOWN	SHUT DOWN	SHUT DOWN	SHUT DOWN	SHUT DOWN	-
	Sulphur Dioxide	600							-
	Nitrogen Dioxide	450							-
	Mercury	0.03							-





Annexure -3

FUGUTIVE EMISSION MONITORING										
Sl No.	Station Code	Name of the Station	Apr-23	May-23	Jun-23	Jul-23	Aug-23	Sep-23	Average	STD
1	FAI	DCBL Main gate	1.10	0.94	1.3	0.71	0.77	0.82	0.94	5.00
2	FAII	Near packing plant	0.85	0.99	0.94	0.79	0.82	0.76	0.86	5.00
3	FAIII	Near Cement Mill	0.80	1.21	0.91	0.88	0.84	0.91	0.93	5.00
4	FAIV	Near Clinker cooler	1.17	0.92	1.04	0.65	0.72	0.62	0.85	5.00
5	FAIV	Near CCR/Coal mill	1.12	1.05	1.27	0.93	0.94	0.85	1.03	2.00
6	FAVI	Near AFR Storage	0.53	1.12	1.22	1.13	1.05	0.82	0.98	5.00
7	FAVII	Additive stack Yard	1.0	1.00	1.27	1.01	1.11	0.99	1.06	5.00
8	FAVIII	Near Coal Stack Yard	0.78	1.32	0.87	1.20	0.89	0.73	0.97	2.00
9	FAVIX	Near Store	0.97	0.94	1.01	0.79	0.88	0.92	0.92	5.00
10	FAX	Near Boiler -CPP	0.87	1.17	1.10	0.81	0.92	1.16	1.01	2.00
11	FAXI	Near Health Center	1.01	0.95	1.18	0.92	1.01	1.15	1.04	5.00



Dalmia Cement (Bharat) Ltd.
YADWAD
591 136
Karnataka
Tq:Mudalagi Dt:Belagavi

Annexure -4

Green Belt Development plan & Implementation

Dalmia Cement (Bharat) Limited, Yadwad, Belagavi District

GREEN BELT DEVELOPMENT REPORT- 2013-2023

Sr. No	Unit	Year										TOATL
		2013-14	2021-22	2015-16	2016-17	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23	
CEMENT PLANT												
1	No. of Trees Planted	1802	11981	48835	16415	7437	44874	11717	1500	0	5000	149561
2	Area Covered (Ha)	0.7208	4.7924	19.534	6.566	2.9748	17.9496	4.6868	0.5	0	2.5	60.22
3	Survival Rate (%)	89	91	91	93	94	94	96	95	0	96	93.22
MINES												
1	No. of Trees Planted				230	4484	8066	1884	2500	2800	2900	22864
2	Area Covered (Ha)				0.85	16.04	22.07	0.75	2	2.5	2.5	46.71
3	Survival Rate (%)				91	93	93	95	95	95	81.28	91.89
TOTAL PLANTATION												172425
TOTAL AREA COVERED UNDER GREEN BELT(CEMENT PLANT + MINES) (Ha)												106.93
33% AREA REQUIRED UNDER GREEN BELT (Ha) - CEMENT PLANT												39.6
% AREA COVERED UNDER GREEN BELT (CEMENT PLANT)												50.18

ement (Bharat) Ltd.,
YADWAD
591 136
Karnataka
alagi Dt:Belagavi

Annexure - 5

Online Pollution Monitoring Portal

Site Name: M/s.DALMIA CEMENT (BHARAT) LTD.,

From Date: 2023/04/01 To Date: 2023/09/30

Report Name: Custom Report

Report Created by DCBPL on 2023-11-20 15:59:37

Sl No.	Time	CAAQMS_1-PM10 - (ug/m3) Raw	CAAQMS_1-PM2.5 - (ug/m3) Raw	CAAQMS_1-SO2 - (ug/m3) Raw	CAAQMS_1-NOx - (ug/m3) Raw	CAAQMS_1-NO - (ug/m3) Raw	CAAQMS_1-NO2 - (ug/m3) Raw	CAAQMS_1-CO - (mg/m3) Raw	CAAQMS_1-Atmospheric_Temperature - (Degree) Raw	CAAQMS_1-Rain - (mm) Raw	CAAQMS_1-Relative humidity - (%) Raw	CAAQMS_1-Wind_Speed - (m/s) Raw	CAAQMS_1-Wind_Direction - (Degree) Raw	CAAQMS_1-Atmospheric Pressure - (Bar) Raw	CAAQMS_1-Solar Radiation - (W/m2) Raw
1	2023-04-01	21.65	22.58	8.59	18.2	8.68	9.52	0.56	42.68	0	2.69	15.24	161.67	870.49	502.37
2	2023-04-02	20.71	17.13	12.8	18.08	8.48	9.6	0.53	42.45	0	2.18	15.85	166.08	877.53	557.95
3	2023-04-03	19.75	8.37	9.06	17.93	8.44	9.5	0.63	42.79	0	2.15	15.31	157.02	872.79	523.9
4	2023-04-04	17.59	10.64	7.43	17.82	8.22	9.59	0.62	41.91	0	2.21	15.19	182.44	876.1	544.45
5	2023-04-05	21.44	14.65	11.82	17.87	8.31	9.55	0.61	42.2	0	2.62	15.56	187.32	876.33	549.84
6	2023-04-06	17.8	9.58	6.08	18.16	8.62	9.55	0.67	42.43	0	2.28	15.2	228.73	875.63	540.36
7	2023-04-07	22.6	3.83	17.79	18.1	8.32	9.78	0.75	42.96	32.44	2.46	15.13	235.25	869.4	492.2
8	2023-04-08	17.28	6.44	20.82	17.99	8.55	9.44	0.69	41.32	0	3.15	15.1	215.48	866.14	485.97
9	2023-04-09	12.65	3.76	13.11	18.13	8.41	9.72	0.7	38.97	0	2.77	14.96	249.1	870.98	507.76
10	2023-04-10	15.32	4.34	11.45	18.19	8.52	9.67	0.57	22.02	0	2.35	14.86	255.12	873.87	527.54
11	2023-04-11	17.45	7.91	19.59	18.09	8.53	9.55	0.61	20.44	0	2.31	14.96	234.11	874.33	520.92
12	2023-04-12	21.58	6.64	15.6	18.05	8.74	9.3	0.63	7.86	0	2.26	14.87	188.57	874.78	542.68
13	2023-04-13	20.73	4.02	15.96	18.22	8.7	9.55	0.72	9.56	0	2.22	15.04	176.62	874.82	541.11
14	2023-04-14	20.92	6.88	13.02	18.01	8.52	9.49	0.72	12.76	0.84	2.15	14.83	216.05	869.63	500.08
15	2023-04-15	16.92	3.39	20.55	17.87	8.36	9.51	0.75	10.96	0	1.95	14.7	237.48	868.71	494.91
16	2023-04-16	17.86	5.64	16.03	17.88	8.26	9.61	0.75	9.73	0	2.12	15.02	204.04	874.61	531.38
17	2023-04-17	18.93	5.93	15.69	18.16	8.74	9.42	0.81	8.89	0	2.21	15.07	175.81	875.57	541.12
18	2023-04-18	23.98	5.59	14.3	18.26	8.55	9.71	0.69	13.08	0	2.23	14.91	200.24	871.98	522.58
19	2023-04-19	28.71	6.8	20.18	17.7	8.34	9.36	0.62	17.42	0	2.2	15	178.48	875.31	532.81
20	2023-04-20	18.24	4.26	20.31	18.13	8.63	9.5	0.62	16.09	0	2.08	15.22	171	878.2	546.93
21	2023-04-21	25.69	5.87	13.93	18.33	8.65	9.68	0.67	20.14	0	2.03	14.6	163.47	868.49	493.16
22	2023-04-22	27.11	3.8	14.43	18.21	8.61	9.6	0.61	42.72	0	2.07	15.16	165.06	877.99	555.87
23	2023-04-23	25.08	5.68	3.2	17.9	8.23	9.67	0.54	42.78	0	1.98	15.33	176.52	885.25	592.31
24	2023-04-24	32.43	4.2	13.02	18.18	8.55	9.63	0.64	42.65	0	2.05	15.03	189.36	882.76	584.2
25	2023-04-25	27.48	3.46	15.86	18.13	8.49	9.64	0.56	42.64	0	2.09	15.28	186.06	883.38	579.04
26	2023-04-26	30.09	3.74	16.75	18.16	8.69	9.46	0.67	42.75	0	1.98	15.3	189.09	882.15	578.95
27	2023-04-27	30.28	5.25	12.91	17.98	8.42	9.56	0.61	42.69	0	2.06	15.4	192.9	883.26	589.82
28	2023-04-28	22.07	5.32	13.87	17.85	8.18	9.66	0.69	42.52	0	1.97	12.65	214.12	833.73	241.8
29	2023-04-29	22.89	5.12	9.39	18.01	8.45	9.56	0.64	42.6	0	1.89	12.07	243.78	827.07	193.38
30	2023-04-30	28.86	3.77	11.28	17.89	8.31	9.57	0.56	43.22	0	2	16.07	200.23	874.41	482.54

Annexure - 5

Online Pollution Monitoring Portal

Site Name: M/s.DALMIA CEMENT (BHARAT) LTD.,

From Date: 2023/04/01 To Date: 2023/09/30

Report Name: Custom Report

Report Created by DCBPL on 2023-11-20 15:59:37

Sl No.	Time	CAAQMS_1-PM10 - (ug/m3) Raw	CAAQMS_1-PM2.5 - (ug/m3) Raw	CAAQMS_1-SO2 - (ug/m3) Raw	CAAQMS_1-NOx - (ug/m3) Raw	CAAQMS_1-NO - (ug/m3) Raw	CAAQMS_1-NO2 - (ug/m3) Raw	CAAQMS_1-CO - (mg/m3) Raw	CAAQMS_1-Atmospheric_Temperature - (Degree) Raw	CAAQMS_1-Rain - (mm) Raw	CAAQMS_1-Relative humidity - (%) Raw	CAAQMS_1-Wind_Speed - (m/s) Raw	CAAQMS_1-Wind_Direction - (Degree) Raw	CAAQMS_1-Atmospheric Pressure - (Bar) Raw	CAAQMS_1-Solar Radiation - (W/m2) Raw
31	2023-05-01	25.69	3.62	6.88	17.98	8.21	9.77	0.71	38.23	0	2.3	16.86	152.87	888.61	398.8
32	2023-05-02	22.5	3.23	5.07	18.07	8.42	9.66	0.55	31.45	0	2.09	16.58	168.63	900.37	505.5
33	2023-05-03	24.67	4.93	11.36	17.92	8.2	9.71	0.57	34.5	0	2.18	16.43	170.5	898.75	544.48
34	2023-05-04	24.13	3.54	9.82	17.88	8.32	9.56	0.59	39.48	0	2.55	16.13	157.8	893.89	608
35	2023-05-05	27.57	3.71	9.54	17.92	8.28	9.63	0.65	34.41	0	2.24	15.73	175.34	886.77	588.17
36	2023-05-06	34.42	9.33	11.11	18.06	8.33	9.74	0.62	46.92	0	2.23	16.23	162.71	891.14	606.68
37	2023-05-07	59.13	4.68	1.89	17.99	8.19	9.8	0.64	47.82	1.38	3.42	16.36	168.64	896.75	633.75
38	2023-05-08	67.43	4.56	6.87	17.99	8.13	9.85	0.63	49.91	6.07	9.5	15.93	166.12	893.85	630.48
39	2023-05-09	42.92	2.91	0.79	18.06	8.32	9.75	0.53	49.86	0	6.99	15.91	176.35	897.24	652.29
40	2023-05-10	25.87	3.95	11	17.95	8.18	9.76	0.6	52.18	0	8.76	15.38	194.08	889.22	595.35
41	2023-05-11	46.39	3.7	8.4	17.85	8.02	9.83	0.65	52.38	9.8	10.88	15.59	179.03	887.27	572.73
42	2023-05-12	31.86	3.9	11.15	17.92	8.17	9.76	0.67	46.36	0.19	8.32	15.67	144.48	892.21	597.55
43	2023-05-13	23.1	3.36	8.64	18.05	8.32	9.72	0.57	45.72	0	17.91	15.85	141.12	890.64	586.34
44	2023-05-14	29.34	2.59	35.02	162.98	188.18	6.39	0.52	45.76	0	15.72	15.55	149.71	879.71	501.85
45	2023-05-15	33.75	5.17	25.05	118.97	141.77	9.03	0.61	46.52	0	17.16	14.43	136.26	859.78	429.41
46	2023-05-16	45.39	9.66	11.54	17.8	9.13	9.24	0.87	47.82	0	19.09	15.93	165.66	877.24	549.22
47	2023-05-17	31.46	7.67	7.52	17.83	8.02	9.81	0.59	47.34	0	8.04	15.82	204.91	879.68	565.95
48	2023-05-18	37.19	6.64	7.1	18.06	8.22	9.84	0.65	46.76	0	21.87	19.48	194.17	886.1	467.98
49	2023-05-19	40.57	10.48	4.65	18.11	8.43	9.68	0.61	47.01	0	2.94	19.27	229.59	904.92	425.04
50	2023-05-20	35.9	9.65	4.83	18.04	8.23	9.81	0.67	47.07	0	3.07	18.82	170.44	912.47	552.15
51	2023-05-21	34.55	10	4.36	17.94	8.33	9.61	0.55	45.26	0	3.03	18.62	169.37	904.42	549.99
52	2023-05-22	25.04	7.53	8.27	17.92	8.14	9.78	0.54	45.57	1.23	9.89	18.34	136.39	896.48	567.61
53	2023-05-23	15.47	9.88	4.5	17.94	8.19	9.76	0.55	44.39	0	14.81	17.74	183.55	893.63	610.43
54	2023-05-24	40.13	8.54	7.72	18.04	8.54	9.5	0.49	44.74	0	8.76	18.14	144.58	894.63	596.99
55	2023-05-25	23.05	7.83	4.69	17.92	8.29	9.63	0.59	44.88	0	6.38	18.58	142.04	900.53	640.48
56	2023-05-26	21.33	10.62	4.16	18.03	8.22	9.8	0.54	41.32	0	6.69	18.12	151.91	893.5	613.77
57	2023-05-27	33.38	14.17	25.89	18.09	8.3	9.79	0.49	44.5	0	7.69	18.05	168.46	898.96	622.76
58	2023-05-28	30.69	7.93	40.17	17.94	8.08	9.85	0.5	37.81	0	8.39	17.88	170.12	899.52	622.19
59	2023-05-29	33.64	7.55	5.07	18.11	8.48	9.63	0.54	39.16	0.46	7.51	17.48	201.98	889.45	588.16
60	2023-05-30	26.7	23.2	1.87	18	8.24	9.76	0.63	11.38	59.47	16.48	17.03	201.69	895.86	611.37

Annexure - 5

Online Pollution Monitoring Portal

Site Name: M/s.DALMIA CEMENT (BHARAT) LTD.,

From Date: 2023/04/01 To Date: 2023/09/30

Report Name: Custom Report

Report Created by DCBPL on 2023-11-20 15:59:37

Sl No.	Time	CAAQMS_1-PM10 - (ug/m3) Raw	CAAQMS_1-PM2.5 - (ug/m3) Raw	CAAQMS_1-SO2 - (ug/m3) Raw	CAAQMS_1-NOx - (ug/m3) Raw	CAAQMS_1-NO - (ug/m3) Raw	CAAQMS_1-NO2 - (ug/m3) Raw	CAAQMS_1-CO - (mg/m3) Raw	CAAQMS_1-Atmospheric_Temperature - (Degree) Raw	CAAQMS_1-Rain - (mm) Raw	CAAQMS_1-Relative humidity - (%) Raw	CAAQMS_1-Wind_Speed - (m/s) Raw	CAAQMS_1-Wind_Direction - (Degree) Raw	CAAQMS_1-Atmospheric Pressure - (Bar) Raw	CAAQMS_1-Solar Radiation - (W/m2) Raw
61	2023-05-31	22.69	12.53	8.57	17.97	8.22	9.75	0.59	15.13	5.07	20.19	17.82	206.94	902.7	628.61
62	2023-06-01	27.46	6.64	10.72	17.8	7.97	9.83	0.71	26.75	0	32.6	17.42	132.02	898.05	617.65
63	2023-06-02	31.05	9.08	10.96	18.01	8.32	9.69	0.57	13.52	0	16.47	17.58	166.2	893.17	577.35
64	2023-06-03	44.74	13.26	6.36	18.27	8.55	9.72	0.37	10.66	0	24.49	17.3	164.34	894.29	599.59
65	2023-06-04	40.46	6.25	8.99	18.22	8.45	9.77	0.52	17.5	0	5.49	17.58	163.21	890.62	583
66	2023-06-05	37.98	8.08	5.64	18.1	8.27	9.82	0.62	3.02	0	3.54	17.31	197.38	892.44	579.09
67	2023-06-06	39.33	9.17	6.21	17.93	8.16	9.77	0.51	5.51	0	2.89	17.2	190.65	890.34	574.03
68	2023-06-07	26.54	8.51	8.5	18.11	8.42	9.69	0.57	16.54	0	2.87	16.86	196.61	890.52	546.11
69	2023-06-08	21.26	8.93	5.33	18.2	8.47	9.73	0.55	9.45	1.42	6.75	16.62	171.52	889.16	572.08
70	2023-06-09	18.98	6.4	7.93	17.95	8.37	9.58	0.5	10.91	0	7.86	16.73	134.44	887.68	569.36
71	2023-06-10	16.27	5.97	6.42	18.02	8.32	9.69	0.6	3.32	1.1	4.07	16.41	126.19	885.1	578.77
72	2023-06-11	13.77	5.57	8.95	17.64	8.17	9.48	0.44	3.24	4.25	8.14	16.84	126.86	884.38	559.13
73	2023-06-12	17.62	7.55	9.75	17.95	8.24	9.72	0.47	3.92	0	9.61	14.33	142.06	846.54	316.01
74	2023-06-13	13.41	8.45	9.31	18.09	8.31	9.78	0.45	16.19	0	9.68	17.5	148.34	892.11	584.22
75	2023-06-14	22.25	9.7	8.2	17.82	8.11	9.71	0.44	32.95	0	10.77	20.37	189.14	900.45	458.06
76	2023-06-15	15.67	8.88	8.51	17.96	8.32	9.64	0.47	3.14	0	8.58	18.9	207.81	902.16	444.79
77	2023-06-16	21.84	9.87	8.01	17.99	8.28	9.71	0.46	6.2	0	8.81	18.69	151.88	905.2	491.9
78	2023-06-17	18.11	8.02	5.7	17.97	8.33	9.64	0.49	3.1	0	8.2	18.34	138.26	900.34	513.33
79	2023-06-18	26.15	8.23	8.1	18.06	8.45	9.61	0.56	3.08	0	7.02	18.2	150.67	898.75	530.46
80	2023-06-19	23.99	13.69	6.19	18.01	8.36	9.66	0.51	3.03	0	7.43	17.47	181.7	889.64	536.12
81	2023-06-20	30.02	8.34	6.23	18.08	8.39	9.69	0.48	3.05	0	6.86	17.63	195.9	891.82	570.41
82	2023-06-21	26.2	9.51	3.76	17.94	8.18	9.76	0.57	2.97	0	7.51	16.53	183.26	860.19	412.99
83	2023-06-22	26.57	11.84	5.65	18.09	8.49	9.61	0.55	3.19	0	7.17	19.86	187.67	879.15	443.75
84	2023-06-23	13.27	7.75	6.82	17.84	8.14	9.71	0.6	3.14	0.64	5.53	18.83	228.65	898.75	446.26
85	2023-06-24	11.36	8.93	18.47	18.6	9.67	9.07	0.49	19.71	0	6.09	17.64	218.71	886.01	428.3
86	2023-06-25	25.67	9.1	17.06	32.78	31.24	8.67	0.71	48.92	2.6	8.02	14.92	182.17	854.55	384.7
87	2023-06-26	26.3	10.23	11.44	17.79	8.07	9.72	0.48	49.99	0	9.78	17.04	152.38	872.33	507.91
88	2023-06-27	25.2	6.42	9.99	18.14	8.45	9.7	0.52	49.27	0	8.74	16.84	182.35	874.77	527.84
89	2023-06-28	16.57	10.28	7.59	17.91	8.12	9.78	0.58	43.58	0	10.9	16.96	238.39	874.23	516.01
90	2023-06-29	13.8	6.22	8.77	18.08	8.32	9.76	0.56	31.64	0	12.33	19.07	212.55	868.13	447.05

Annexure - 5

Online Pollution Monitoring Portal

Site Name: M/s.DALMIA CEMENT (BHARAT) LTD.,

From Date: 2023/04/01 To Date: 2023/09/30

Report Name: Custom Report

Report Created by DCBPL on 2023-11-20 15:59:37

Sl No.	Time	CAAQMS_1-PM10 - (ug/m3) Raw	CAAQMS_1-PM2.5 - (ug/m3) Raw	CAAQMS_1-SO2 - (ug/m3) Raw	CAAQMS_1-NOx - (ug/m3) Raw	CAAQMS_1-NO - (ug/m3) Raw	CAAQMS_1-NO2 - (ug/m3) Raw	CAAQMS_1-CO - (mg/m3) Raw	CAAQMS_1-Atmospheric_Temperature - (Degree) Raw	CAAQMS_1-Rain - (mm) Raw	CAAQMS_1-Relative humidity (%) Raw	CAAQMS_1-Wind_Speed - (m/s) Raw	CAAQMS_1-Wind_Direction - (Degree) Raw	CAAQMS_1-Atmospheric Pressure - (Bar) Raw	CAAQMS_1-Solar Radiation - (W/m2) Raw
91	2023-06-30	25.97	7.03	6.23	17.95	8.21	9.74	0.55	24.56	0	16.32	19.13	187.5	869.88	411.75
92	2023-07-01	16.88	2.66	7.9	17.77	8.08	9.69	0.56	50.88	0	12.48	19.32	203.16	888.22	445.24
93	2023-07-02	23.9	2.77	7.88	17.78	8.17	9.61	0.52	54.28	1.21	15.93	18.57	202.35	884.79	454.03
94	2023-07-03	25.66	4.34	6.99	18.01	8.35	9.66	0.57	48.75	17.2	18.88	18.16	248.97	886.28	495.53
95	2023-07-04	23.84	4.46	12.15	18.04	8.32	9.72	0.58	45.33	0	20.65	18.23	233.77	885.43	489.89
96	2023-07-05	13.36	3.62	10.33	18.14	8.42	9.73	0.42	25.15	0	26.08	15.2	289.73	862.25	323.57
97	2023-07-06	14.83	7.09	6.05	18.01	8.17	9.85	0.6	48.1	1.63	15.76	13.18	258.17	806.07	44.05
98	2023-07-07	15.35	5.36	5.47	17.99	8.21	9.78	0.53	47.98	1.09	16.89	13.24	190.16	806.72	47.09
99	2023-07-08	7.91	5.75	4.8	18.03	8.32	9.71	0.45	19.98	0.89	14.28	13.02	201.01	804.78	34.04
100	2023-07-09	13.81	5.13	3.78	18	8.22	9.78	0.49	6.18	0	16.72	12.93	221.92	806.85	52.69
101	2023-07-10	20.41	6.6	3.73	17.99	8.37	9.61	0.5	6.2	0	21.67	12.97	222.42	807.65	56.64
102	2023-07-11	28.57	6.52	4.12	18.11	8.36	9.75	0.54	2.92	0	23.53	13.12	231.78	805.75	42.79
103	2023-07-12	36.6	7.5	5.85	18.04	8.29	9.75	0.43	12.52	0	16.62	12.9	224.69	810.37	77.58
104	2023-07-13	20.06	6.44	6.07	17.97	8.22	9.74	0.63	2.8	9.95	14.53	12.88	201.67	807.84	54.31
105	2023-07-14	18.4	7.08	5.28	18.15	8.47	9.68	0.61	2.71	0	16.64	13.1	215.89	807.94	59.36
106	2023-07-15	29.95	5.27	3.59	18.05	8.26	9.79	0.62	5.25	0.13	21.15	12.94	219.44	807.55	54
107	2023-07-16	17.49	4.98	7.02	17.99	8.28	9.72	0.65	7.46	1.61	17.42	12.84	200.44	805.34	40.83
108	2023-07-17	11.31	5.36	4.27	18.17	8.49	9.68	0.54	4.83	0	17.56	12.94	217.2	803.39	25.96
109	2023-07-18	6.47	4.15	9.13	18.07	8.36	9.71	0.58	7.1	5.63	18.12	12.88	243.09	NA	NA
110	2023-07-19	9.19	3.8	4.67	18.03	8.23	9.8	0.49	8.74	10.55	37.8	13.07	203.17	802.34	19.76
111	2023-07-20	13.83	3.68	4.26	17.86	8.06	9.79	0.59	33.12	1.84	18.63	13.14	226.64	801.72	13.61
112	2023-07-21	12.38	4.47	4.47	17.98	8.34	9.64	0.42	50.99	7.29	21.85	12.87	266.76	807.12	50.67
113	2023-07-22	8.96	5.15	5.68	17.71	8.24	9.47	0.55	28.59	6.41	15.11	13.16	251.56	803	21.85
114	2023-07-23	4.48	3.58	6.18	18.03	8.21	9.82	0.48	15.81	6.28	11.73	14.27	279.05	800.63	5.83
115	2023-07-24	8.63	6.7	4.39	18.09	8.38	9.71	0.46	6.84	7.97	6.07	14.26	247.7	805.51	41.22
116	2023-07-25	11.05	8.62	4.4	18	8.45	9.55	0.56	12.94	11.18	15.52	14	250.92	802.48	19.97
117	2023-07-26	19.79	8.17	6.93	18.26	8.46	9.81	0.54	24.71	16.12	33.73	13.41	228.47	806.61	48.38
118	2023-07-27	13.67	5.12	16.21	17.93	8.07	9.86	0.49	36.01	28.32	45.53	12.85	202.85	800.51	5.08
119	2023-07-28	20.07	9.11	5.43	18.13	8.35	9.77	0.53	36.07	0.75	45.21	12.8	205.04	810.79	75.29
120	2023-07-29	24.59	5.78	4.95	18.04	8.32	9.72	0.5	36.08	0	45.09	12.81	219.32	809.7	69.22

Annexure - 5

Online Pollution Monitoring Portal

Site Name: M/s.DALMIA CEMENT (BHARAT) LTD.,

From Date: 2023/04/01 To Date: 2023/09/30

Report Name: Custom Report

Report Created by DCBPL on 2023-11-20 15:59:37

Sl No.	Time	CAAQMS_1-PM10 - (ug/m3) Raw	CAAQMS_1-PM2.5 - (ug/m3) Raw	CAAQMS_1-SO2 - (ug/m3) Raw	CAAQMS_1-NOx - (ug/m3) Raw	CAAQMS_1-NO - (ug/m3) Raw	CAAQMS_1-NO2 - (ug/m3) Raw	CAAQMS_1-CO - (mg/m3) Raw	CAAQMS_1-Atmospheric_Temperature - (Degree) Raw	CAAQMS_1-Rain - (mm) Raw	CAAQMS_1-Relative humidity - (%) Raw	CAAQMS_1-Wind_Speed - (m/s) Raw	CAAQMS_1-Wind_Direction - (Degree) Raw	CAAQMS_1-Atmospheric Pressure - (Bar) Raw	CAAQMS_1-Solar Radiation - (W/m2) Raw
121	2023-07-30	27.53	5.93	4.78	17.86	8.23	9.63	0.5	36.04	0	45.33	12.64	223.86	809.44	65.96
122	2023-07-31	28.56	5.13	3.9	17.9	8.16	9.74	0.52	36.04	0	45.41	12.7	285.64	807.51	52.6
123	2023-08-01	38.46	5.49	4.75	18.07	8.32	9.75	0.44	36.04	0	45.53	12.83	250.9	809.86	72.63
124	2023-08-02	50.6	6.37	6.22	17.97	8.41	9.56	0.48	36.04	0	45.63	13.26	226.42	809.67	70.27
125	2023-08-03	36.61	7.56	6.58	18.04	8.28	9.76	0.53	36.05	0	45.66	12.86	250.39	807.18	51.5
126	2023-08-04	33.51	7.23	8.01	18.06	8.34	9.72	0.58	36.04	3.84	45.65	12.79	294.9	830.01	217.43
127	2023-08-05	36.1	7.76	8.16	18.03	8.34	9.7	0.49	36.02	0	45.71	12.75	252.81	831.57	229.03
128	2023-08-06	41.26	4.87	7.85	17.97	8.35	9.62	0.52	36.03	0	45.69	12.79	216.97	832.49	235.68
129	2023-08-07	41.4	7.95	8.09	18	8.22	9.78	0.47	36.03	0	45.72	12.7	180.4	830.56	222.12
130	2023-08-08	41.94	8.31	6	17.89	8.19	9.69	0.57	36.03	0	45.66	12.7	192.36	832.45	235.4
131	2023-08-09	64	7.43	6.44	18.03	8.27	9.76	0.42	36.03	0	45.62	12.62	191.92	833.65	243.88
132	2023-08-10	66.65	8.22	5.64	17.92	8.28	9.64	0.67	36.02	0	45.6	12.69	176.99	834.67	250.94
133	2023-08-11	76.39	7.56	6.08	18.01	8.2	9.81	0.53	36.03	0.36	45.61	12.78	173.55	832.98	238.46
134	2023-08-12	54.71	7.47	5.2	17.94	8.13	9.81	0.64	36.02	0	45.65	12.97	193.05	834.18	246.82
135	2023-08-13	30.02	7.05	6.63	18.05	8.3	9.75	0.51	36.02	0	45.67	12.82	222.95	833.09	239.09
136	2023-08-14	45.39	9.75	5.46	18.06	8.26	9.8	0.57	36.03	0	45.62	12.74	201.76	833.75	243.76
137	2023-08-15	25.95	11.72	5.69	18.07	8.18	9.9	0.5	36.03	0	45.61	12.77	196.61	833.06	238.97
138	2023-08-16	53.76	9.68	7.09	17.9	8.14	9.76	0.46	36.03	0	45.68	12.96	192.89	834.08	246.13
139	2023-08-17	32.58	7.26	4.61	18.01	8.18	9.84	0.56	36.03	0	45.72	13	196.1	832.62	235.87
140	2023-08-18	21.05	7.25	4.22	18.12	8.28	9.84	0.41	36.03	0	45.71	13.05	172.78	831.17	225.94
141	2023-08-19	20.78	6.78	5.84	17.73	8.21	9.53	0.52	36.03	0	45.72	12.86	195.38	828.99	210.48
142	2023-08-20	25.29	8.12	7.21	18.08	8.29	9.79	0.61	36.03	0	45.62	12.84	230.09	833.53	242.34
143	2023-08-21	23.1	7.25	8.77	17.95	8.08	9.87	0.53	36.01	0	45.62	12.76	221.24	833.96	245.36
144	2023-08-22	32.83	9.03	6.67	18.06	8.32	9.74	0.52	36.02	0	45.58	12.69	213.25	833.88	244.79
145	2023-08-23	28.43	8.76	4.65	17.96	8.02	9.94	0.55	36.03	0	45.62	12.78	223.89	833.71	243.7
146	2023-08-24	30.07	9.07	6.34	18.59	7.45	11.15	0.42	36.02	0	45.66	12.75	194.26	831.96	231.24
147	2023-08-25	22.55	4.99	8.65	19.11	6.45	12.65	0.47	36.03	4.74	45.72	12.81	192.64	831.42	227.62
148	2023-08-26	15.61	7.78	8.45	19.2	6.45	12.75	0.62	36.04	0	45.6	12.97	177.31	833.71	243.89
149	2023-08-27	19.93	6.31	7.53	18.93	6.21	12.72	0.68	36	0	45.62	13.01	205.18	833.86	244.75
150	2023-08-28	20.84	7.85	6.22	19.15	6.53	12.62	0.54	36.03	0	45.62	12.95	224.62	833.25	240.45

Annexure - 5

Online Pollution Monitoring Portal

Site Name: M/s.DALMIA CEMENT (BHARAT) LTD.,

From Date: 2023/04/01 To Date: 2023/09/30

Report Name: Custom Report

Report Created by DCBPL on 2023-11-20 15:59:37

Sl No.	Time	CAAQMS_1-PM10 - (ug/m3) Raw	CAAQMS_1-PM2.5 - (ug/m3) Raw	CAAQMS_1-SO2 - (ug/m3) Raw	CAAQMS_1-NOx - (ug/m3) Raw	CAAQMS_1-NO - (ug/m3) Raw	CAAQMS_1-NO2 - (ug/m3) Raw	CAAQMS_1-CO - (mg/m3) Raw	CAAQMS_1-Atmospheric_Temperature - (Degree) Raw	CAAQMS_1-Rain - (mm) Raw	CAAQMS_1-Relative humidity - (%) Raw	CAAQMS_1-Wind_Speed - (m/s) Raw	CAAQMS_1-Wind_Direction - (Degree) Raw	CAAQMS_1-Atmospheric Pressure - (Bar) Raw	CAAQMS_1-Solar Radiation - (W/m2) Raw
151	2023-08-29	27.47	9.44	9.5	19.18	6.5	12.68	0.54	36.04	0	45.68	12.74	232.42	832.23	233.23
152	2023-08-30	45.15	21.96	13.2	19.15	6.53	12.63	0.47	36.03	0	45.56	12.63	217.48	833.72	243.69
153	2023-08-31	29.74	14.89	54.08	32.38	28.88	9.15	0.7	36.09	10.58	45.76	12.3	241.27	833.66	244.07
154	2023-09-01	25.92	7.75	17.08	11.89	2.23	9.8	0.73	36.02	72.24	45.67	12.66	237.36	832.26	233.07
155	2023-09-02	23.57	7.16	11.26	11.67	1.94	9.76	0.48	36.05	3.1	45.65	12.91	231.89	831.93	231.07
156	2023-09-03	25.56	9.06	8.24	11.68	1.98	9.74	0.5	36.04	0.09	45.65	12.92	231.31	831.17	225.88
157	2023-09-04	21	7.33	11.32	11.74	1.99	9.77	0.57	35.96	35.05	46.02	13.01	213.4	827.56	200.2
158	2023-09-05	20.86	9.82	5.71	11.78	2.12	9.67	0.5	36.04	0	45.72	12.94	292.84	829.17	211.85
159	2023-09-06	22.39	7.89	5.59	11.71	2.12	9.63	0.57	36.04	0	45.69	13.08	181.58	832.73	236.98
160	2023-09-07	40.93	9.01	7.35	11.76	1.94	9.86	0.38	36.03	0	45.68	13.23	197.61	832.24	233.51
161	2023-09-08	31.94	9.26	5.78	11.79	2.13	9.68	0.41	36.04	0	45.75	13.22	188.7	829.03	210.84
162	2023-09-09	38.2	7.08	6.55	11.82	2.13	9.74	0.47	36.05	0	45.69	13.21	176.89	830.19	219.26
163	2023-09-10	31.71	10.18	6.62	11.83	2.22	9.65	0.5	36.05	0	45.62	13.15	35.51	831.5	228.81
164	2023-09-11	22.84	9.08	3.37	11.86	2.34	9.59	0.55	36.04	0	45.69	13.32	18.37	831.59	229.96
165	2023-09-12	23.57	8.64	4.9	11.9	2.38	9.62	0.49	36.03	0	45.66	13.26	18.28	833.12	240.86
166	2023-09-13	23.38	7.95	6.49	11.8	2.27	9.56	0.48	36.02	0	45.69	13.03	18.14	832.89	239.36
167	2023-09-14	26.45	8.48	10.09	11.74	2.11	9.7	0.42	36.02	0	45.68	12.98	18.15	832.11	233.81
168	2023-09-15	22.16	9.06	13.37	11.68	2.22	9.54	0.46	36	0	45.7	12.95	18.08	831.4	228.75
169	2023-09-16	35.53	10.72	17.86	11.99	2.76	9.39	0.51	36.05	0	45.66	13.05	18.44	831.35	228.16
170	2023-09-17	36.19	5.98	4.55	11.89	2.1	9.83	0.43	36.03	0	45.65	12.96	18.03	830.79	224.4
171	2023-09-18	31.57	5.52	6.21	11.74	2.22	9.56	0.53	36.02	0	45.72	12.89	18.08	831.11	226.77
172	2023-09-19	29.11	8.6	5.86	11.65	2.16	9.55	0.59	36.03	0	45.67	13.04	18.28	831.82	231.77
173	2023-09-20	30.31	9.85	5.7	11.9	2.29	9.68	0.57	36.03	0	45.64	13.05	18.24	831.52	229.72
174	2023-09-21	33.55	11.05	6.84	11.84	2.24	9.67	0.48	36.04	0	45.64	12.9	18.49	830.09	219.5
175	2023-09-22	28.4	8.64	4.95	11.9	2.24	9.74	0.63	36.04	3.43	45.68	12.87	18.8	830.27	220.89
176	2023-09-23	31.41	6.88	7.22	11.7	2.06	9.69	0.48	36.04	0	45.63	12.81	18.52	830.67	223.74
177	2023-09-24	24.31	9.83	6.48	11.91	2.24	9.72	0.53	36.06	0	45.67	13.02	19.04	828.87	211.04
178	2023-09-25	28.64	6.62	6.88	11.86	2.31	9.61	0.5	36.04	0	45.64	13.03	18.75	831.05	226.45
179	2023-09-26	37.38	11.29	6.31	11.9	2.24	9.72	0.6	36.04	0	45.68	12.94	18.76	831.3	228.28
180	2023-09-27	36.68	8.61	5.69	11.8	2.28	9.6	0.66	36.04	9.31	45.71	12.84	18.75	829	211.98

Annexure - 5

Online Pollution Monitoring Portal

Site Name: M/s.DALMIA CEMENT (BHARAT) LTD.,

From Date: 2023/04/01 To Date: 2023/09/30

Report Name: Custom Report

Report Created by DCBPL on 2023-11-20 15:59:37

Sl No.	Time	CAAQMS_1-PM10 - (ug/m3) Raw	CAAQMS_1-PM2.5 - (ug/m3) Raw	CAAQMS_1-SO2 - (ug/m3) Raw	CAAQMS_1-NOx - (ug/m3) Raw	CAAQMS_1-NO - (ug/m3) Raw	CAAQMS_1-NO2 - (ug/m3) Raw	CAAQMS_1-CO - (mg/m3) Raw	CAAQMS_1-Atmospheric_Temperature - (Degree) Raw	CAAQMS_1-Rain - (mm) Raw	CAAQMS_1-Relative humidity - (%) Raw	CAAQMS_1-Wind_Speed - (m/s) Raw	CAAQMS_1-Wind_Direction - (Degree) Raw	CAAQMS_1-Atmospheric Pressure - (Bar) Raw	CAAQMS_1-Solar Radiation - (W/m2) Raw
181	2023-09-28	39.49	11.67	6.71	11.43	2	9.55	0.64	36.05	3.93	45.67	12.93	18.9	831.18	227.51
182	2023-09-29	31.05	9.39	7.34	11.93	2.34	9.64	0.58	36.04	0	45.67	12.79	18.57	830.31	221.32
183	2023-09-30	33.46	10.21	7.14	11.84	2.22	9.68	0.42	36.05	0	45.7	12.99	18.96	830.19	220.47
184	Prescribed Standards	0 - 100	0 - 60	0 - 80	0 - 80	0 - 80	0 - 80	0 - 4	0 -	0 -	0 -	0 -	0 -	0 -	0 -
185	Maximum Value	76.39	23.2	54.08	162.98	188.18	12.75	0.87	54.28	72.24	46.02	20.37	294.9	912.47	652.29
186	Maximum Value At Time	2023-08-11	2023-05-30	2023-08-31	2023-05-14	2023-05-14	2023-08-26	2023-05-16	2023-07-02	2023-09-01	2023-09-04	2023-06-14	2023-08-04	2023-05-20	2023-05-09
187	Minimum Value	4.48	2.59	0.79	11.43	1.94	6.39	0.37	2.71	0	1.89	12.07	18.03	800.51	5.08
188	Minimum Value At Time	2023-07-23	2023-05-14	2023-05-09	2023-09-28	2023-09-02	2023-05-14	2023-06-03	2023-07-14	2023-04-01	2023-04-29	2023-04-29	2023-09-17	2023-07-27	2023-07-27
189	Geometric Mean	27.13	7.56	9.07	18.53	9.21	9.76	0.56	31	2.24	22.55	14.85	177.61	855.11	358.64
190	Median	25.67	7.43	7.14	17.99	8.26	9.71	0.55	36.03	0	16.47	14.6	190.65	859.98	391.75
191	Standard Deviation	11.46	3.24	6.31	13.41	16.92	0.62	0.09	14.65	8.29	18.47	2.15	66.14	32.93	197.62
192	Valid Data Points	183	183	183	183	183	183	183	183	183	183	183	183	182	182
193	Total Data Points	183	183	183	183	183	183	183	183	183	183	183	183	183	183
194	Data Availablity %	100	100	100	100	100	100	100	100	100	100	100	100	99.45	99.45

Dalmia Cement (Bharat) Ltd., YADWAD 591 136 Karnataka Tq:Mudalagi Dt:Belagavi

Annexure - 6

AMBIENT AIR QUALITY MONITORING

Date	YA I. – Yadwad village:				DA II. –Near DCBL Entrance gate				GA III. –At Guest House				MA IV. –Manami Village			
	SO_2 (µg/m3)	NO_2 (µg/m3)	PM_{10} (µg/m3)	$PM_{2.5}$ (µg/m3)	SO_2 (µg/m3)	NO_2 (µg/m3)	PM_{10} (µg/m3)	$PM_{2.5}$ (µg/m3)	SO_2 (µg/m3)	NO_2 (µg/m3)	PM_{10} (µg/m3)	$PM_{2.5}$ (µg/m3)	SO_2 (µg/m3)	NO_2 (µg/m3)	PM_{10} (µg/m3)	$PM_{2.5}$ (µg/m3)
22.04.2023	10	15	45	16	19	11	52	17	13	19	46	18	16	18	53	16
23.04.2023	11	15	42	19	16	18	47	20	14	16	49	10	12	14	45	18
24.04.2023	18	14	49	18	15	17	56	19	14	17	55	17	14	19	49	17
25.04.2023	13	20	54	20	16	12	45	16	11	20	46	18	17	12	57	18
28.04.2023	11	20	42	19	13	19	40	17	14	19	52	15	12	14	47	15
29.04.2023	12	18	58	16	18	14	48	18	8	20	44	20	8	19	56	11
30.04.2023	16	8	48	12	11	13	49	16	18	16	49	17	18	16	45	19
01.05.2023	20	14	47	17	20	16	50	17	10	9	47	18	10	13	42	12
12.05.2023	11	19	47	15	15	23	53	17	12	20	49	11	14	22	53	19
13.05.2023	17	14	51	17	12	20	49	14	19	25	47	20	20	16	49	13
17.05.2023	15	20	52	13	17	22	51	16	12	14	55	16	15	23	50	17
18.05.2023	12	17	45	16	12	14	47	19	17	20	53	14	19	11	47	14
22.05.2023	19	15	53	14	16	24	54	17	25	15	54	11	14	17	46	20
23.05.2023	13	22	54	17	13	20	48	15	20	22	52	13	21	12	51	13
29.05.2023	16	21	52	16	14	19	47	14	18	20	50	12	20	13	52	17
30.05.2023	15	20	51	14	15	18	51	18	17	21	49	17	16	20	53	15
05.06.2023	16	25	35	14	13	23	46	16	19	11	43	20	17	22	49	15
06.06.2023	13	23	38	16	18	16	33	11	16	22	41	12	24	14	35	18
17.06.2023	17	14	51	19	24	20	39	14	23	12	38	14	13	20	43	12
19.06.2023	13	20	46	17	19	11	42	18	14	20	43	17	18	11	55	17
20.06.2023	25	14	49	12	21	14	36	16	17	22	40	13	16	21	37	11
21.06.2023	14	19	38	15	25	18	40	19	15	20	44	11	19	23	42	14
01.07.2023	16	21	42	11	14	21	42	12	18	23	50	15	22	11	38	16
03.07.2023	20	18	46	16	16	13	44	16	14	21	42	12	14	18	44	18
04.07.2023	25	18	49	10	22	15	33	16	13	25	38	19	18	15	41	15
10.07.2023	19	11	41	13	22	14	42	11	16	22	40	20	16	20	32	11
11.07.2023	16	22	35	15	19	11	45	18	18	20	35	13	21	18	36	14
19.07.2023	20	16	42	16	21	14	49	15	17	22	42	18	13	23	39	16
20.07.2023	14	19	50	11	25	18	51	19	15	20	36	13	11	22	46	19
26.07.2023	16	24	33	14	17	11	42	13	19	24	50	11	19	15	41	12

AMBIENT AIR QUALITY MONITORING

Date	YA I. – Yadwad village:				DA II. –Near DCBL Entrance gate				GA III. –At Guest House				MA IV. –Manami Village			
	SO_2 (µg/m3)	NO_2 (µg/m3)	PM_{10} (µg/m3)	$PM_{2.5}$ (µg/m3)	SO_2 (µg/m3)	NO_2 (µg/m3)	PM_{10} (µg/m3)	$PM_{2.5}$ (µg/m3)	SO_2 (µg/m3)	NO_2 (µg/m3)	PM_{10} (µg/m3)	$PM_{2.5}$ (µg/m3)	SO_2 (µg/m3)	NO_2 (µg/m3)	PM_{10} (µg/m3)	$PM_{2.5}$ (µg/m3)
27.07.2023	12	21	44	19	23	16	47	16	12	22	42	19	17	21	44	11
31.07.2023	17	14	40	18	17	25	47	12	21	16	45	15	22	16	48	14
07.08.2023	18	20	48	14	17	19	47	17	18	20	44	15	17	19	40	16
08.08.2023	14	17	42	11	15	17	46	14	14	16	46	17	15	18	43	15
14.08.2023	17	19	46	17	18	20	42	15	20	22	50	19	18	19	42	12
15.08.2023	20	22	50	18	20	21	43	18	19	20	51	22	20	22	48	14
22.08.2023	12	23	55	12	13	20	49	19	12	18	54	13	14	17	46	14
28.082023	13	25	44	15	19	25	42	20	14	19	46	15	13	20	47	18
30.082023	19	17	40	11	17	14	55	13	17	25	53	12	19	11	41	20
31.082023	23	20	51	18	23	12	46	15	13	21	44	17	16	14	46	12
06.09.2023	20	14	47	17	13	19	40	17	18	14	49	18	15	17	56	19
07.09.2023	12	18	58	16	8	20	44	20	10	15	45	16	12	18	58	16
13.09.2023	12	14	52	18	17	16	55	15	12	16	56	14	16	13	50	21
14.09.2023	17	18	54	19	18	14	51	12	19	13	55	15	18	16	59	12
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23.09.2023	18	14	48	21	14	19	49	17	11	20	46	18	14	19	49	17
25.09.2023	16	20	50	18	19	11	40	15	14	20	52	20	23	12	43	17
28.09.2023	11	20	42	19	14	17	55	17	11	13	49	16	18	16	45	19
Average	15.88	18.19	46.58	15.71	17.15	17.10	46.13	16.17	15.60	18.83	46.77	15.58	16.56	16.98	46.25	15.42
NAAQS STD	80	80	100	60	80	80	100	60	80	80	100	60	80	80	100	60

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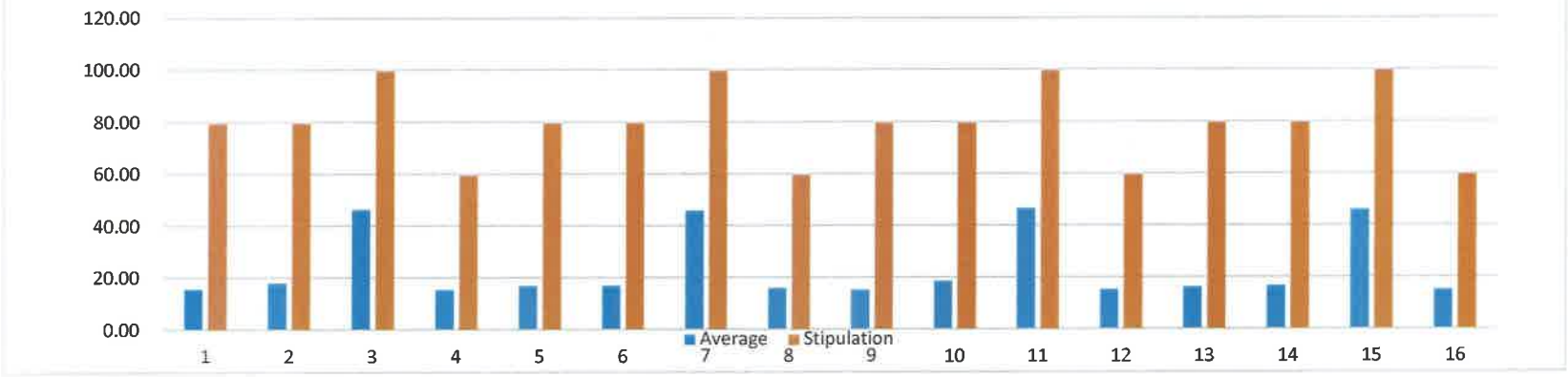
Ambient air Monitoring data Apr 23- Sep 23



Dalmia Cement (Bharat) Ltd.
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P.O:Mudalagi Dt:Belagavi

Annexure 7

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Mudalagi Dt:Belagavi

Annexure 7

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WATER HARVESTiNG iN LS MiNiNG PiT

MiNiNG WASTE DUMP YARD

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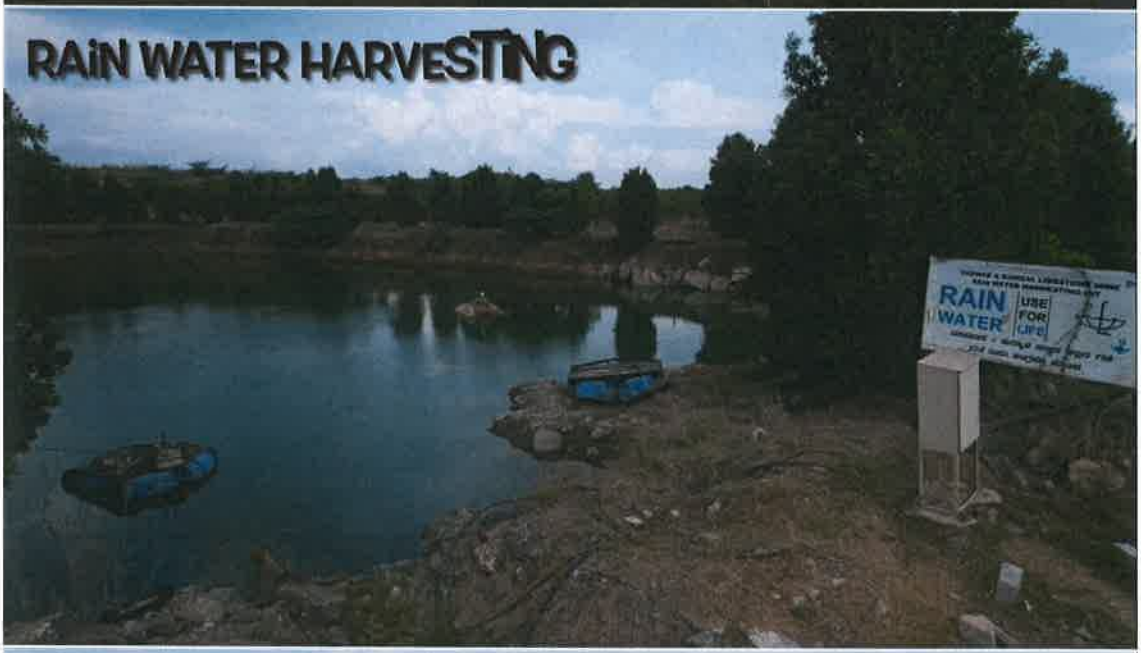

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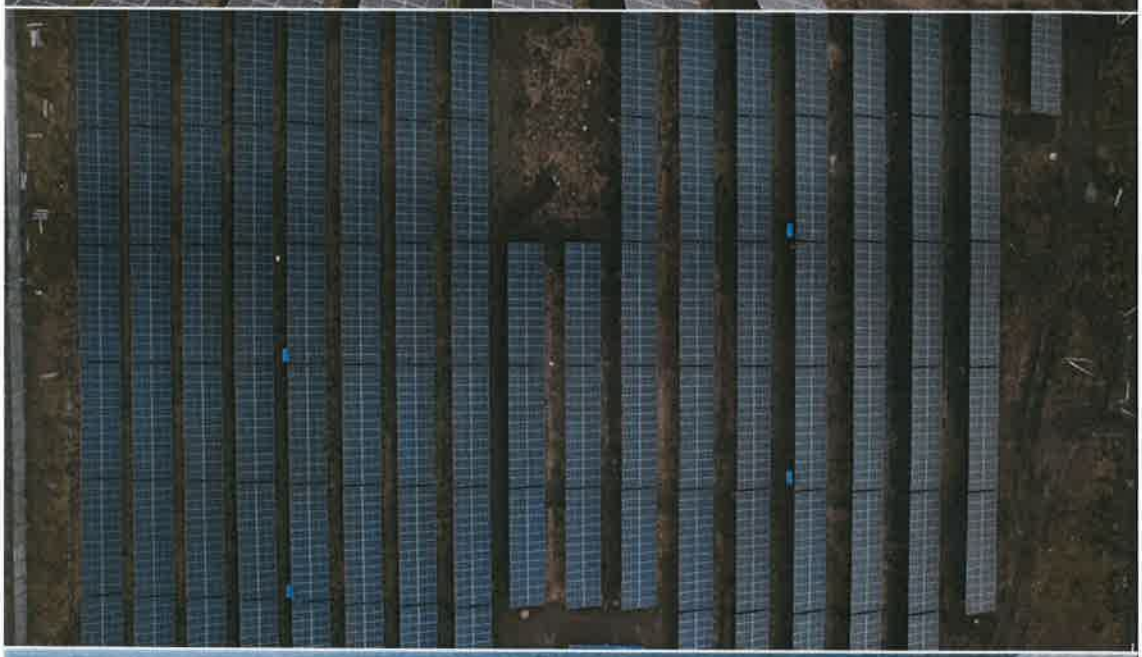
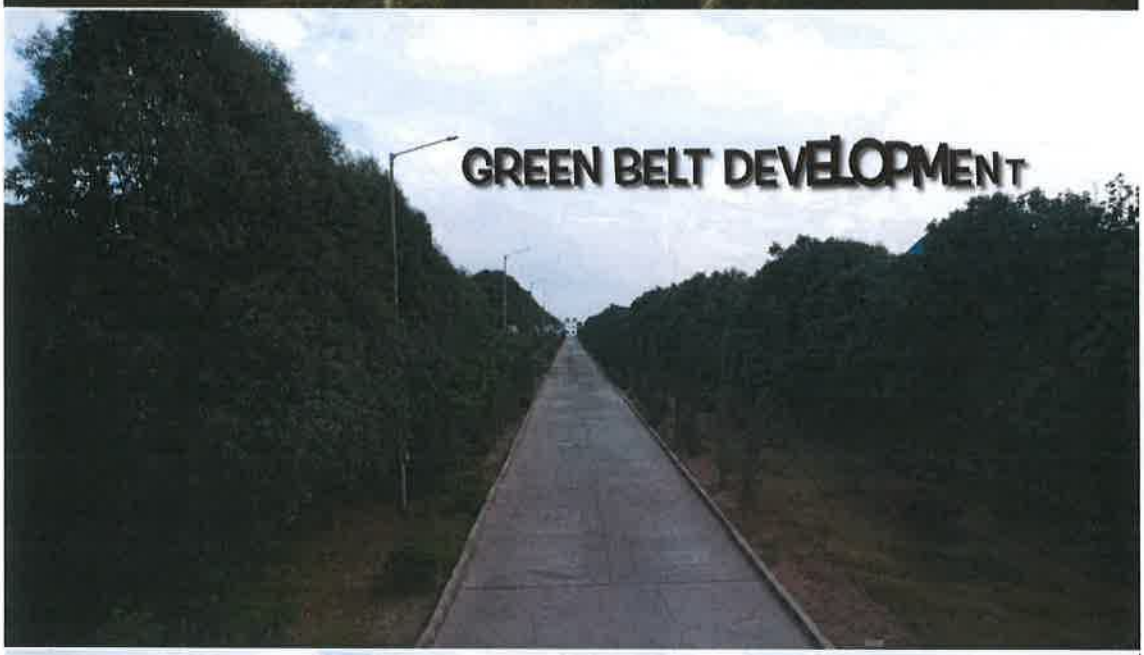
SOLAR PLANT





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MANAMI WATERSHED PROJECT

Ram Durga Taluk,

Belagavi District,

Karnataka

RELEASE-III EXECUTED WORKS

PIA: DALMIA BHARAT FOUNDATION
YEDWAD

Karnataka

BOULDER CHECK

SF NOS: 441, 435/1

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CHECKDAM

SF NO:497

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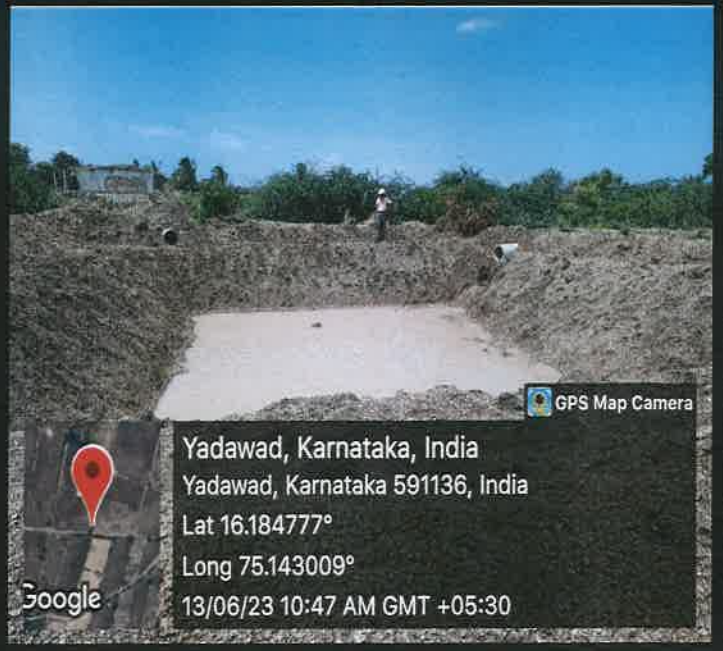

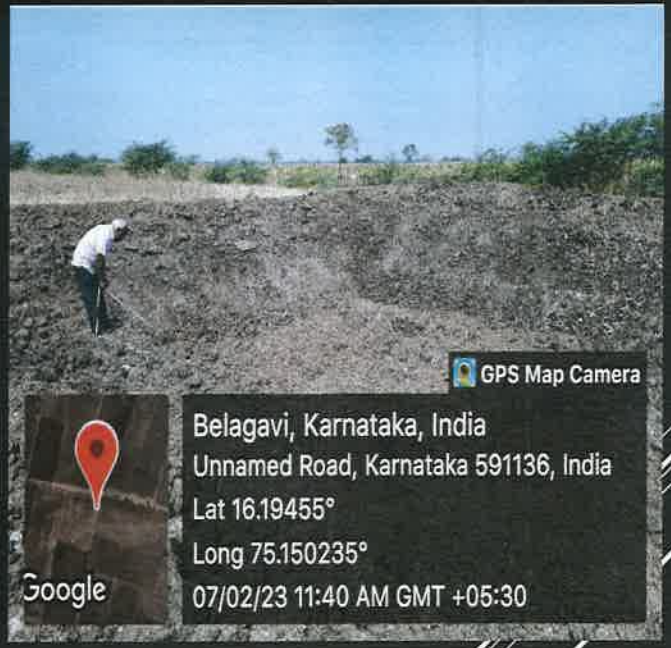

FARM PONDS

SF NO:1. 431/1, 2. 434, 3. 554

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TRENCH CUM BUND

SF NO: 1.554, 2. 433/1, 3. 551, 4. 525/2 .

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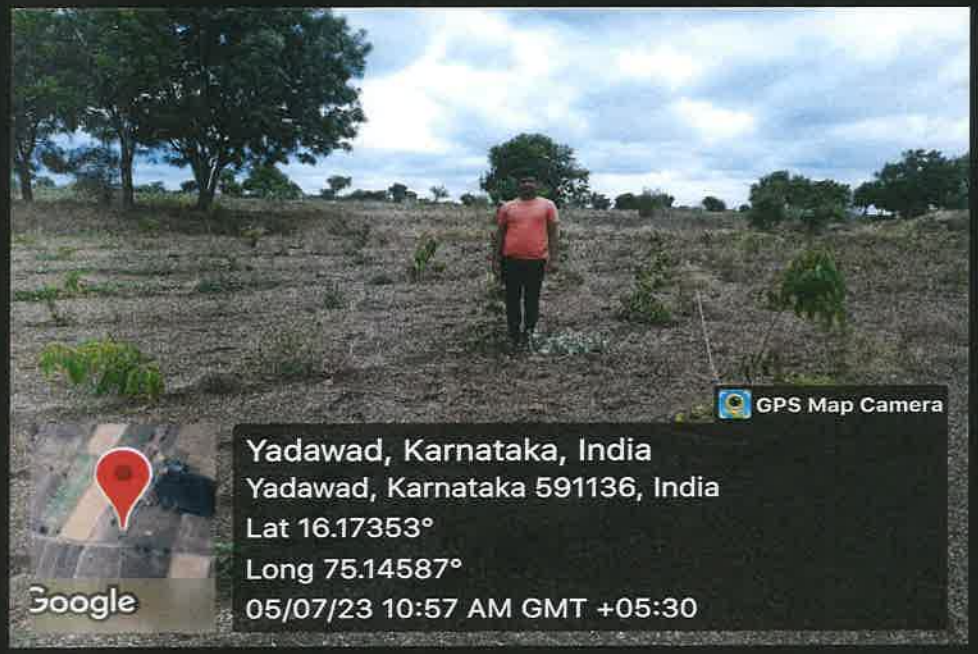

ARGO HORTICULTURE
SF NO:1.459.2.434/1

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WOMEN AND LIVELIHOOD DEVELOPMENT

1. ANIMAL HUSBANDRY.2. PEAKO MACHINE .3. GOAT REARING

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1.DHANAMMADEVI SHG AT HULKUND
2.RENUKADEVI SHG AT YADWAD

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TRAINING ON JLGS AND BANK LINKAGE AND EXPOSURE VISITS

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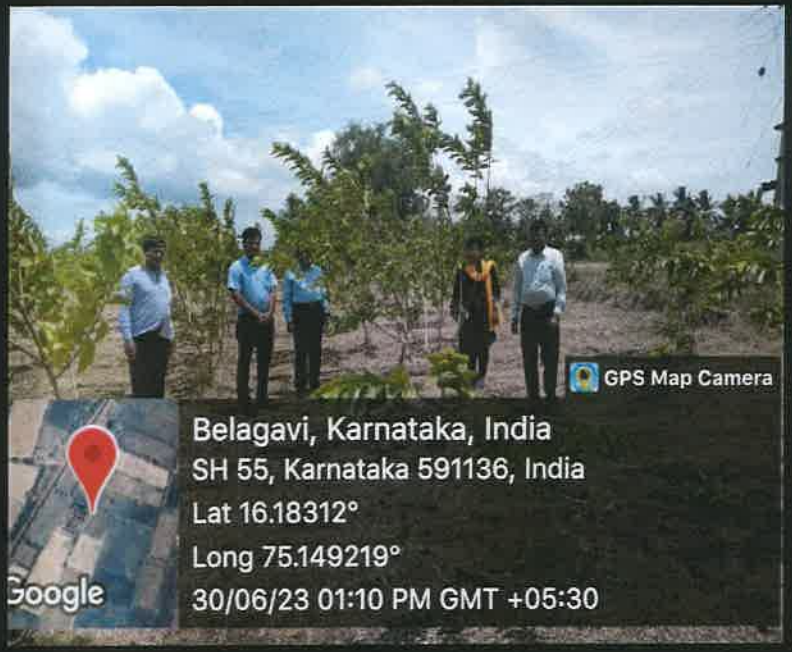

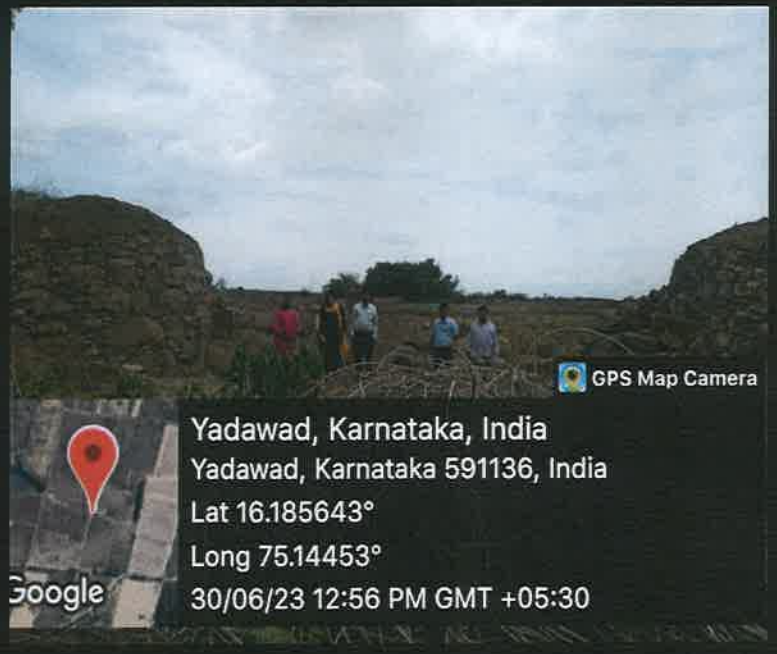

MONITORING VISIT BY DGM NABARD

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MONITORING VISIT BY DDM NABARD

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T.Mudalagi Dt.Belagavi

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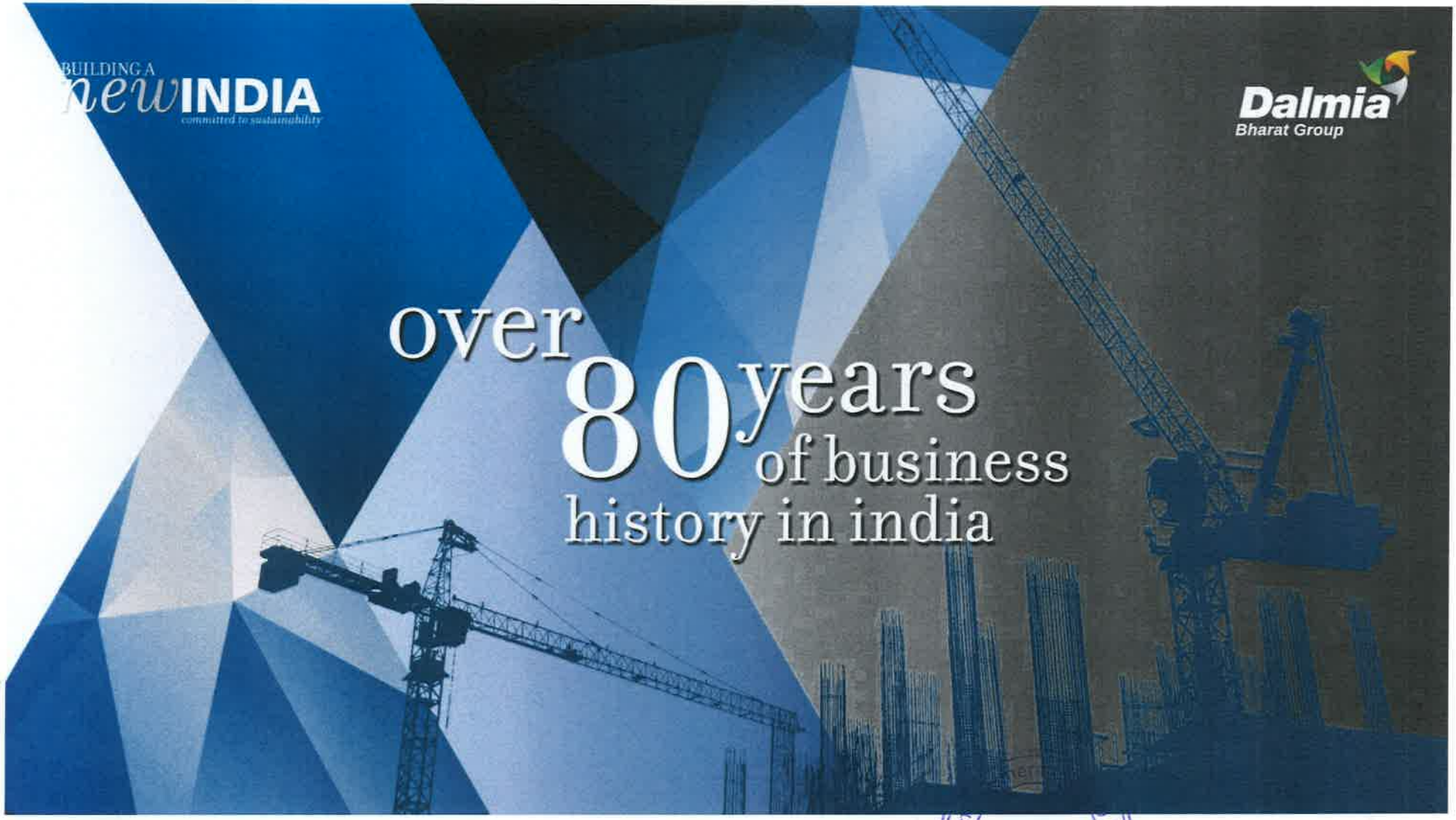

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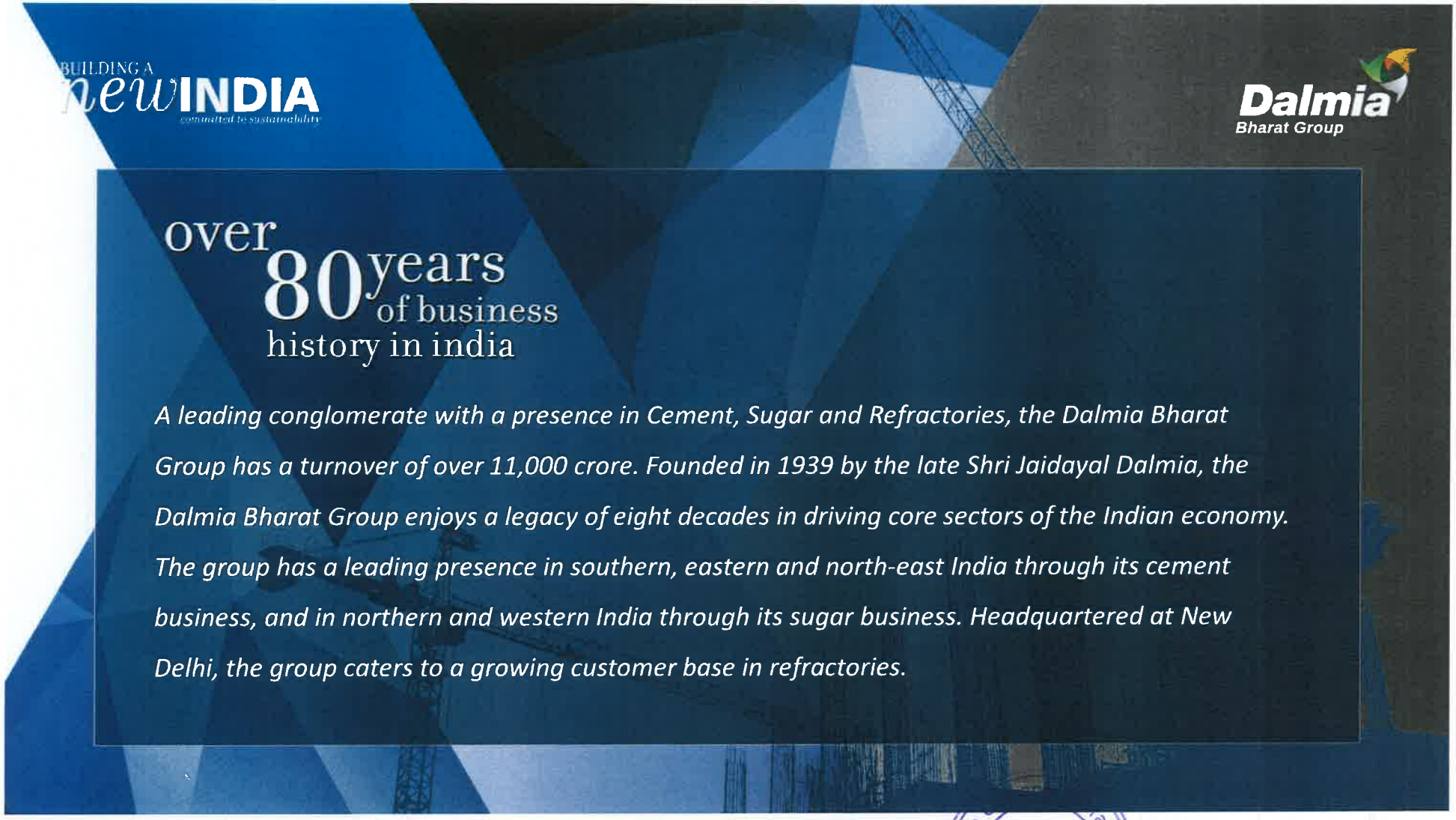

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BUILDING A
newINDIA
committed to sustainability

Dalmia
Bharat Group

cement

A leader in cement manufacturing since 1939,
Dalmia Cement (Bharat) Limited is a multi spectrum Cement player with
a double digit market share and a pioneer in super specialty cements.

One of the Fastest Growing and Profitable Groups in India

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BUILDING A
newINDIA
committed to sustainability

Dalmia
Bharat Group

₹ 220 bn
market cap

cement

Among the most efficient cement companies in the world

high growth markets	₹9484 crores revenue	4th largest cement group	26.5MnT cement capacity	154 bn market cap *

* As on 24/12/2019

Dalmia Bharat Limited has the lowest carbon footprint in the cement sector globally.

(Source: GNR Data of Cement Sustainability Initiative member companies)

Ranked No. 1 by CDP on Business Readiness for a Low Carbon Transition.

One of the Fastest Growing and Profitable Groups in India

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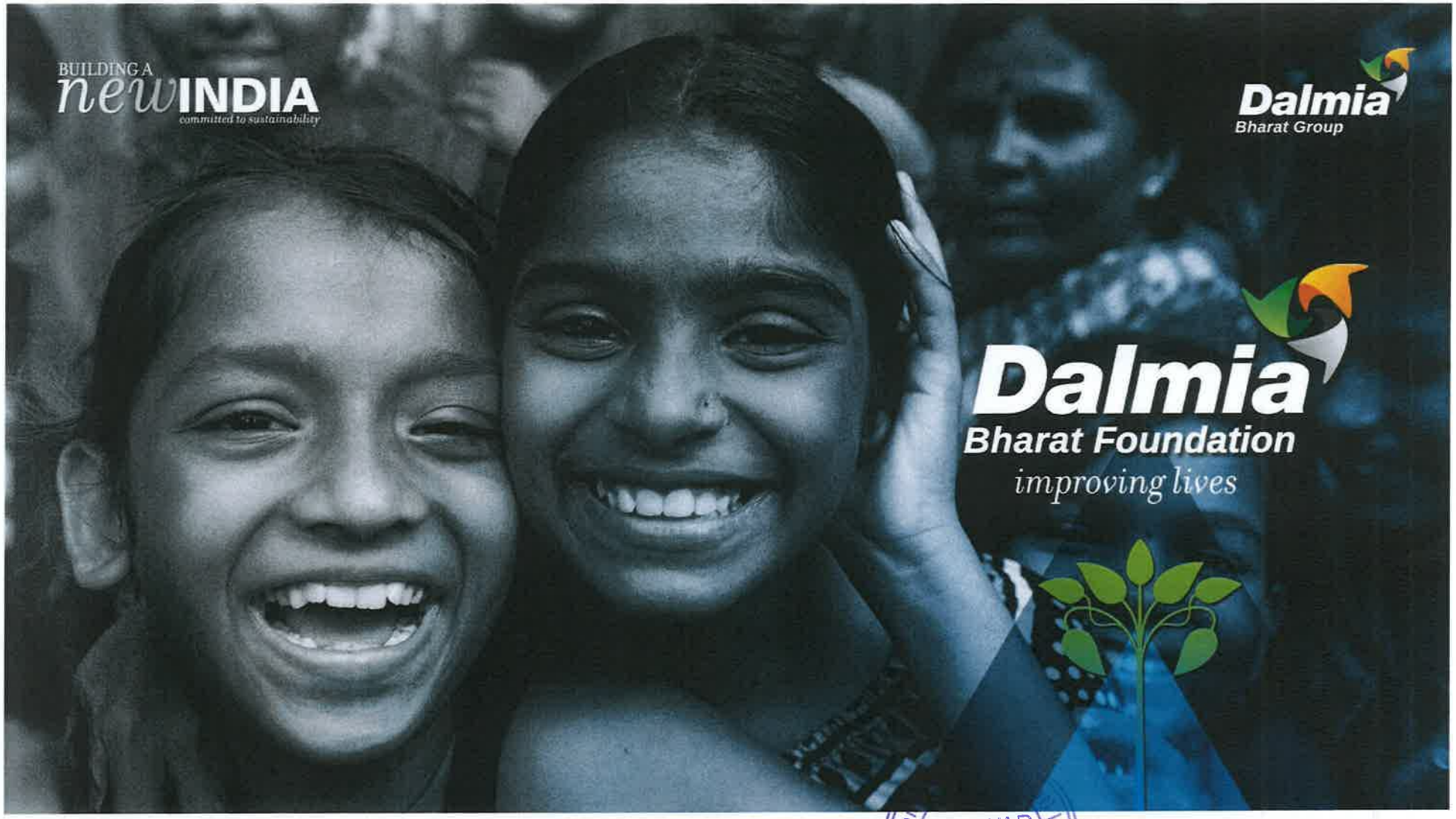

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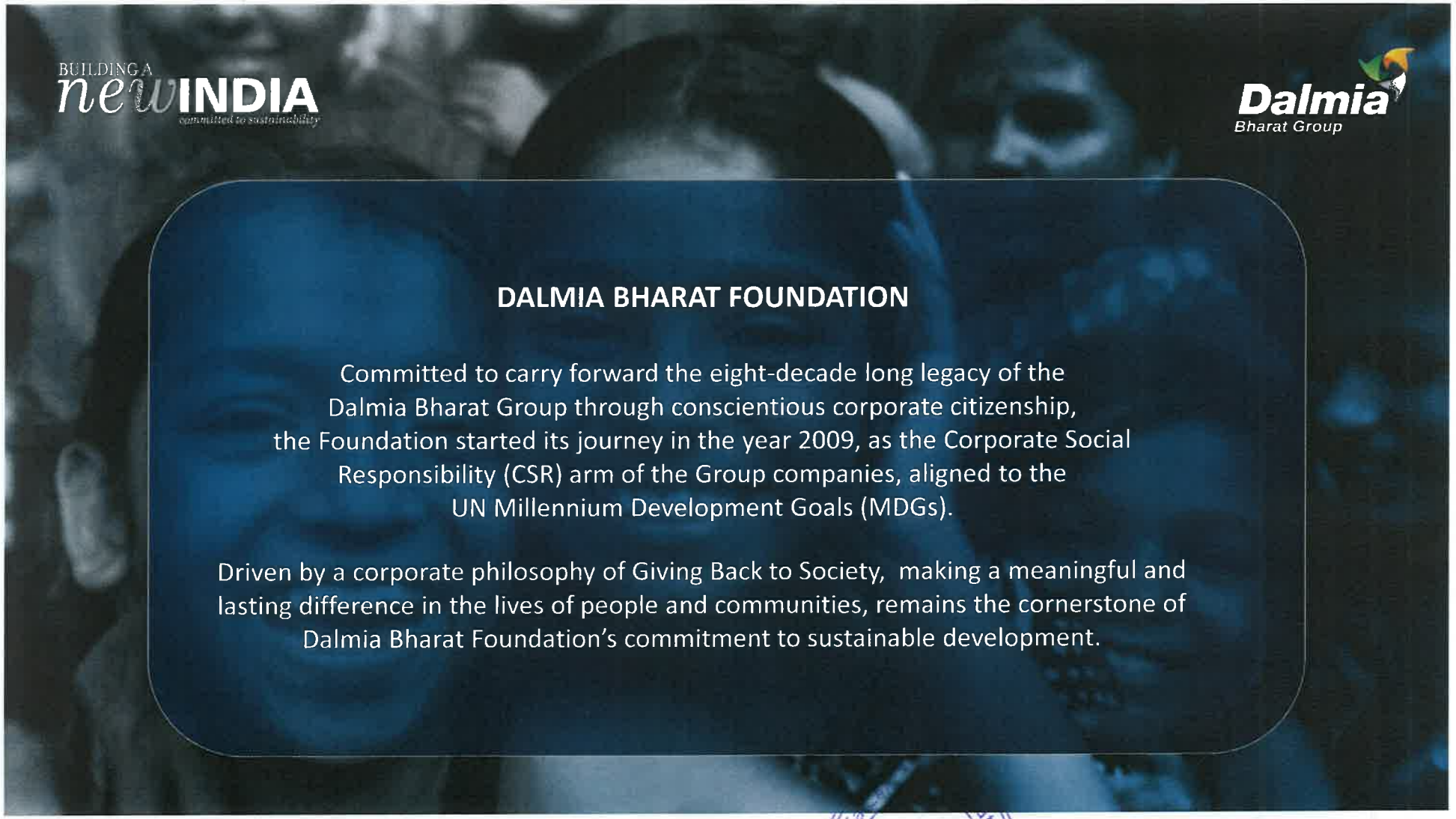

DALMIA BHARAT FOUNDATION

Committed to carry forward the eight-decade long legacy of the Dalmia Bharat Group through conscientious corporate citizenship, the Foundation started its journey in the year 2009, as the Corporate Social Responsibility (CSR) arm of the Group companies, aligned to the UN Millennium Development Goals (MDGs).

Driven by a corporate philosophy of Giving Back to Society, making a meaningful and lasting difference in the lives of people and communities, remains the cornerstone of Dalmia Bharat Foundation's commitment to sustainable development.

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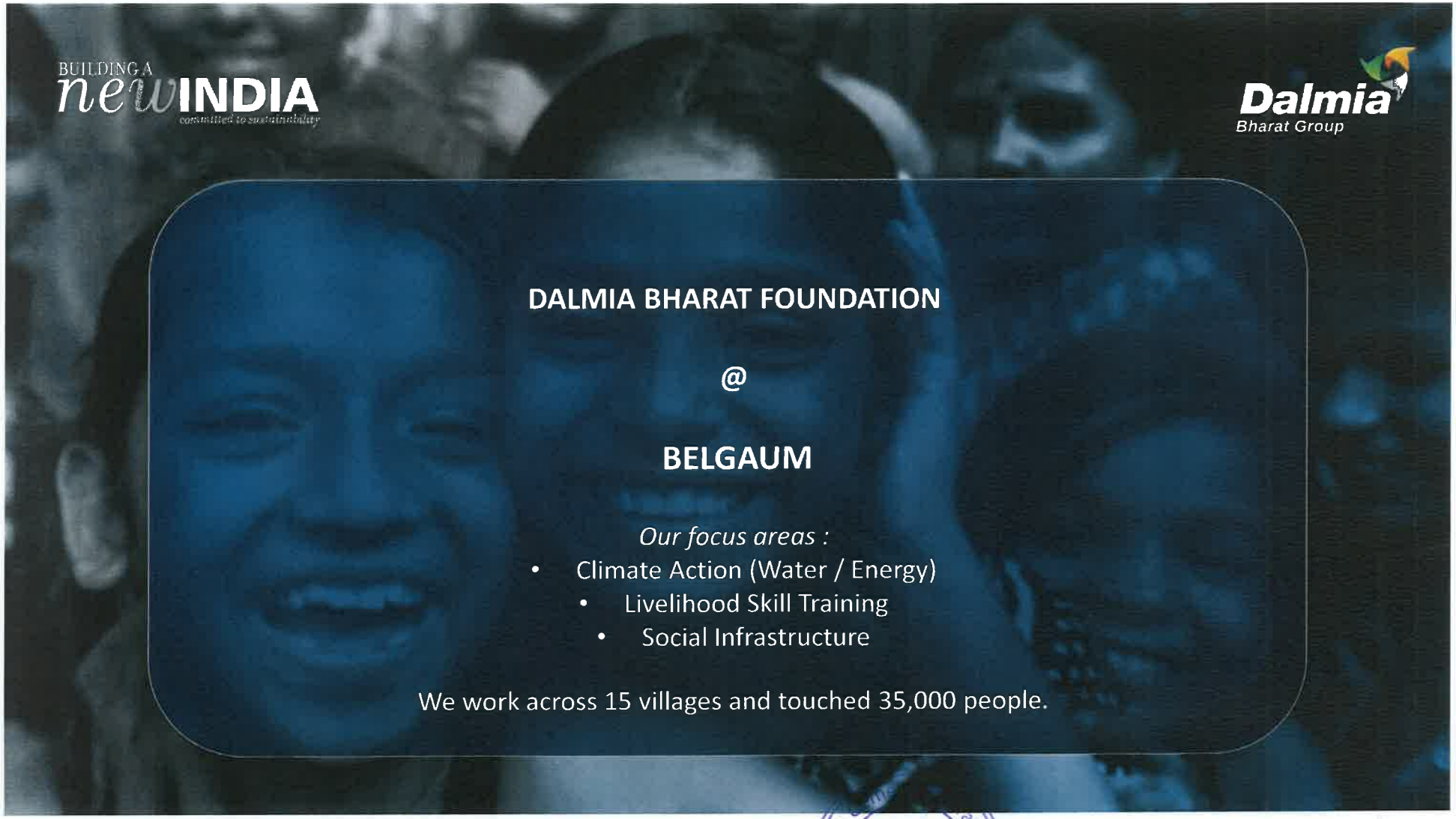

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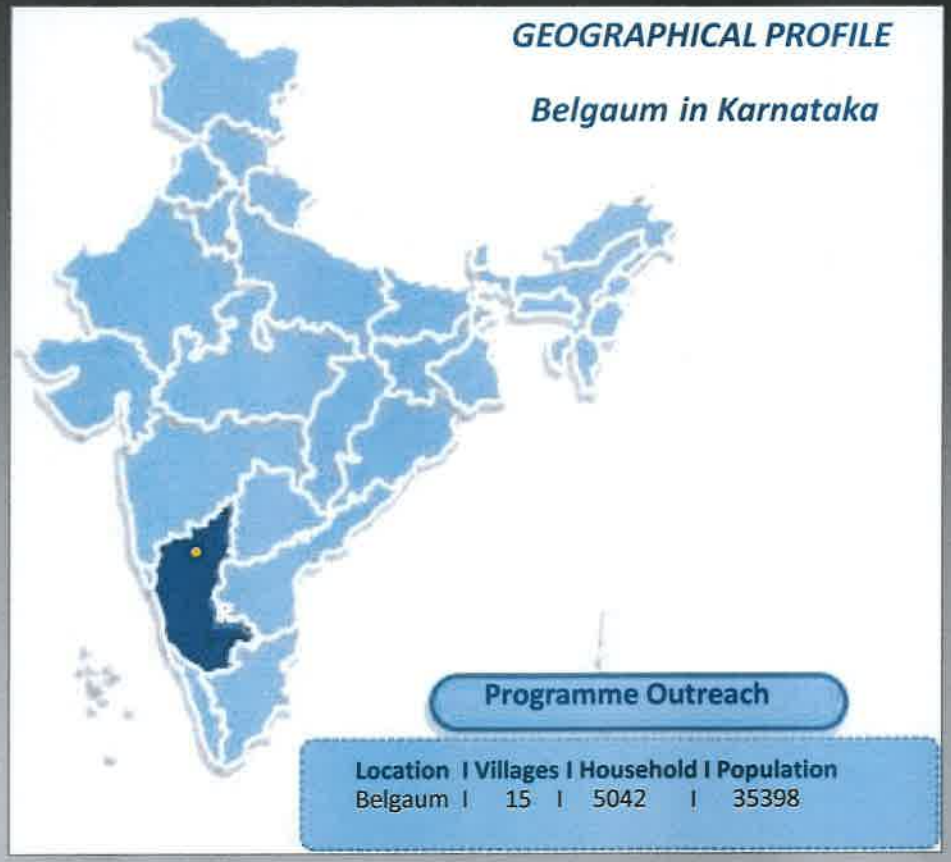
BELGAUM

Dalmia
Bharat Foundation



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Budget expenditure 2015- 2020

Sl. No.	Name and address of the industry/company	Particulars	Budget	Activities taken under CSR 2019-20	Expenditure made 2019-20	Particulars	2018-19	2017-18	2016-17	2015-16
1	Dalmia Bharat Cement, Yadwad-Belagavi District	Skill development	186000	Soil & Water Conservation	216760	Soil and water conservation	-	599,817	2152123	3285130
2		Watershed plus	41214	Education and Livelihood (Education in schools, Stithcing and Tailoring, Moonj Craft training, etc.)	2874863	Energy Conservation	-	396,828	425125	979,987
3		School reopening (Vidyagama)	49737	Women Empowerment (SHG formation and Training)	11095	Livelihood and Skill Training	2,384,648	2,651,225	3997855	1517165
4		Health camps	60000	Health and Sanitation (Health Camps, Low Cost Toilets, Awareness Programs on health issues, school toilet units)	47689	Social Development	-	1,513,858	2366852	2703753
5		Unit contengency	475000	Social Development	171188	Programme Execution Cost	662,390	427,782	304177	494355
6		Rural Haat	574000	Programe Execution	823201	Total	3047038	5589510	9246132	8980390
	Total		1385951		4144796					
7				Flood Relief Support	7500000					
8				COVID-29 Relief Support	5000000					
	Grand Total				16644796					

Dalmia
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Climate Action - Water

Dalmia Cement (Bharat) Ltd.
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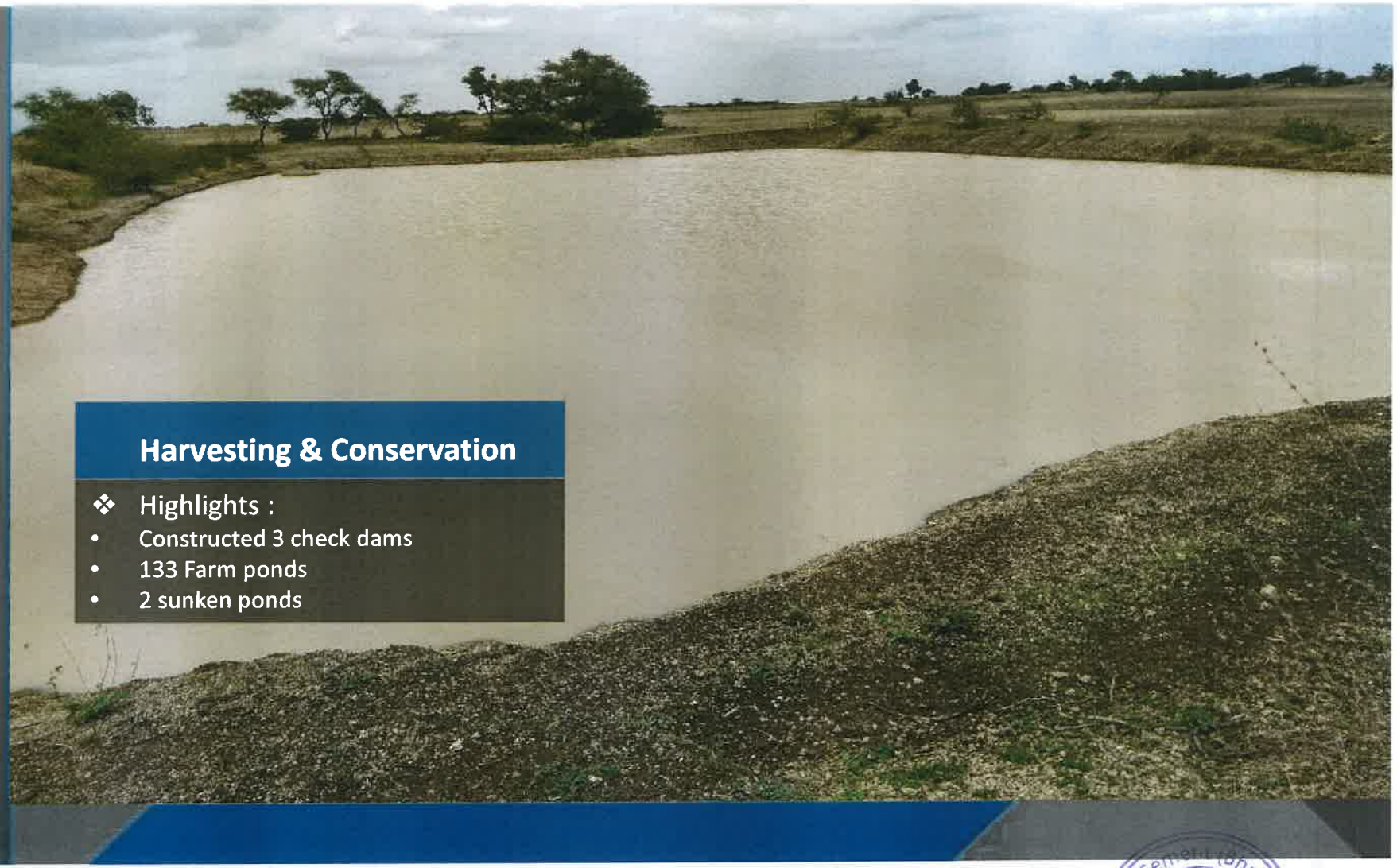
Climate Change - Water



Harvesting & Conservation

❖ Highlights :

- Constructed 3 check dams
- 133 Farm ponds
- 2 sunken ponds

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Climate Change - Water

Harvesting & Conservation

- 394 acres of land brought under Drip Irrigation
- 1.88 Crore Litres Water Harvested and Saved Annually

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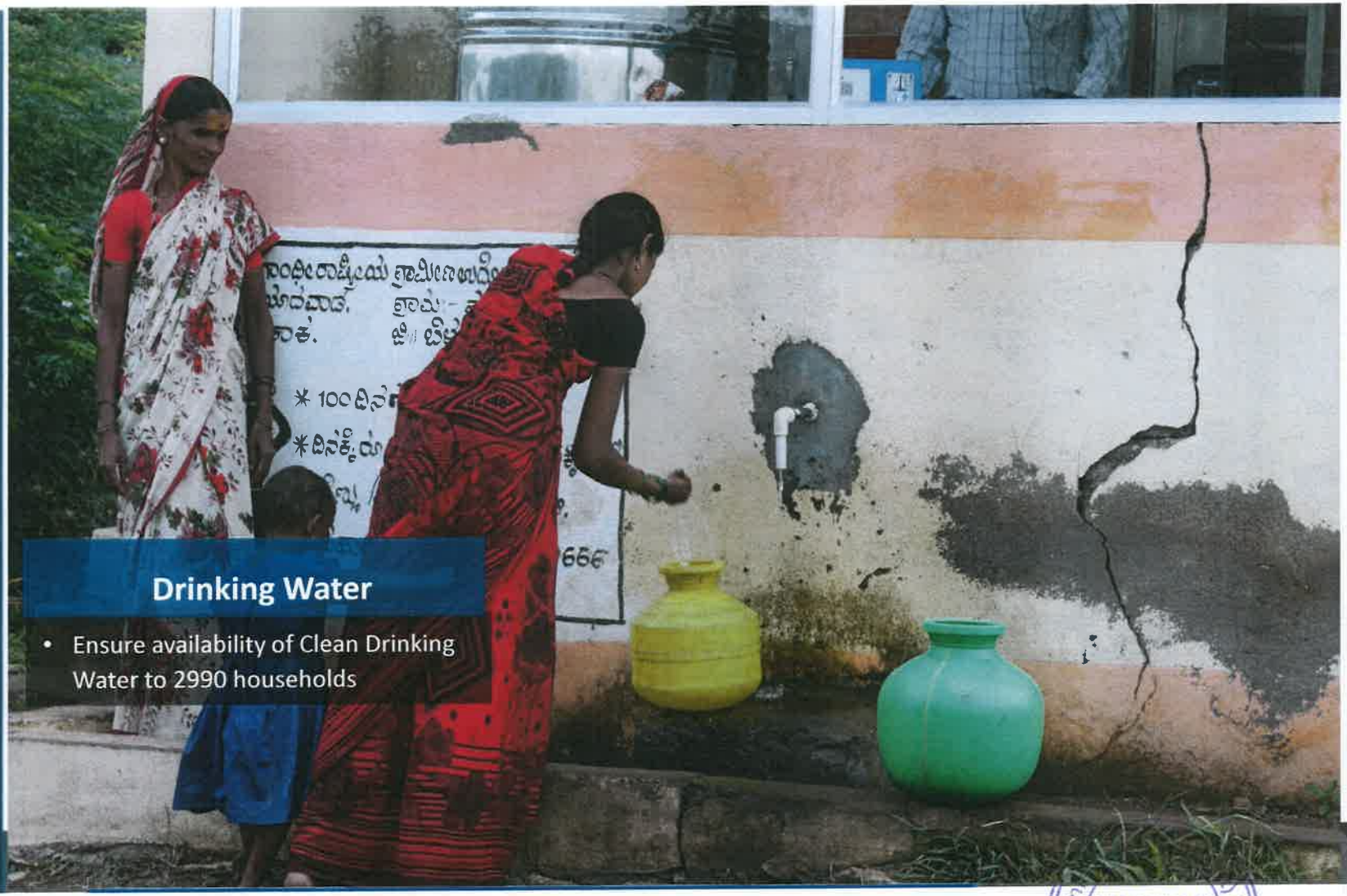
Climate Change - Water



Drinking Water

- Ensure availability of Clean Drinking Water to 2990 households

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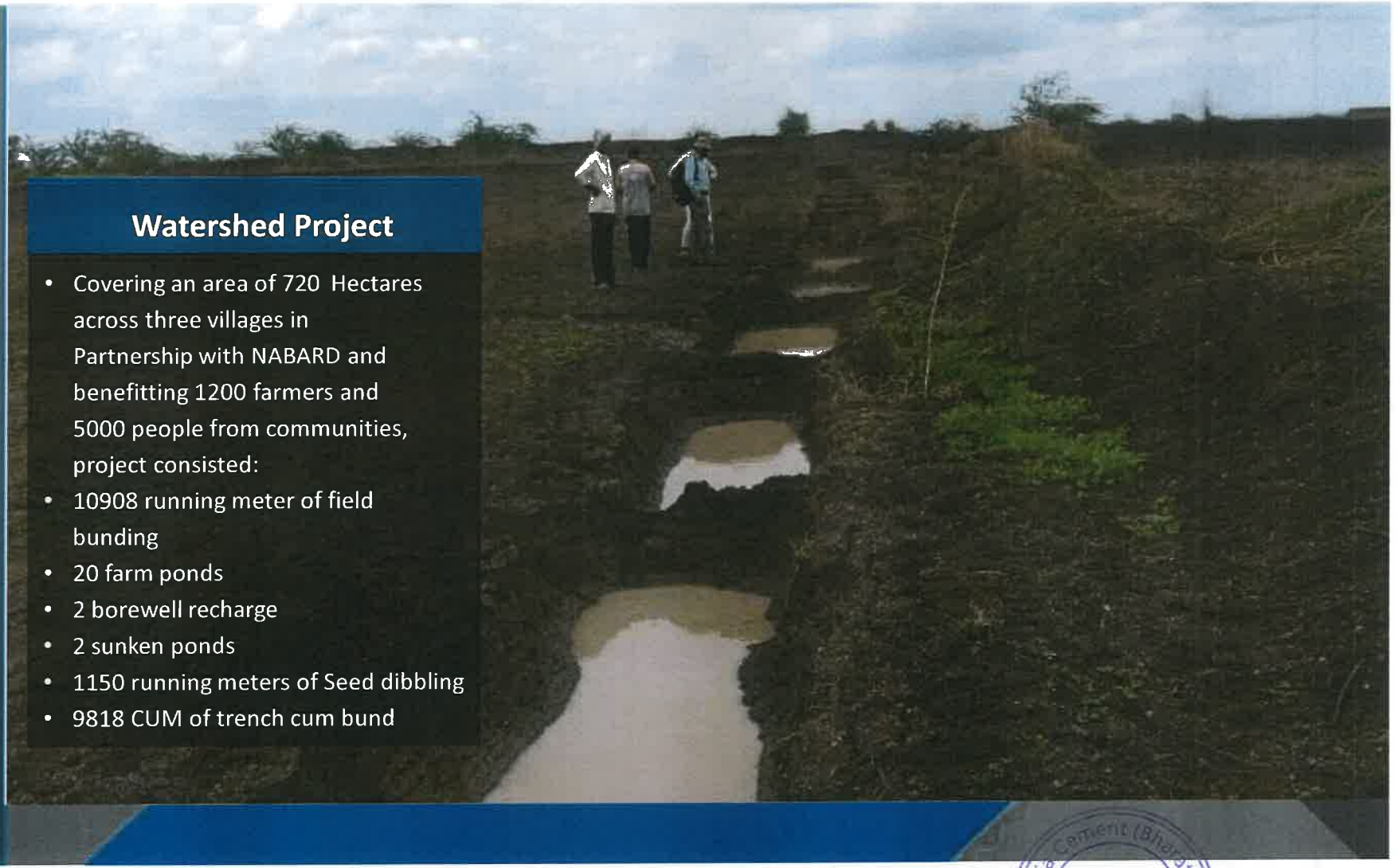
Climate Change - Water



Watershed Project

- Covering an area of 720 Hectares across three villages in Partnership with NABARD and benefitting 1200 farmers and 5000 people from communities, project consisted:
- 10908 running meter of field bunding
- 20 farm ponds
- 2 borewell recharge
- 2 sunken ponds
- 1150 running meters of Seed dibbling
- 9818 CUM of trench cum bund

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Climate Change - Water

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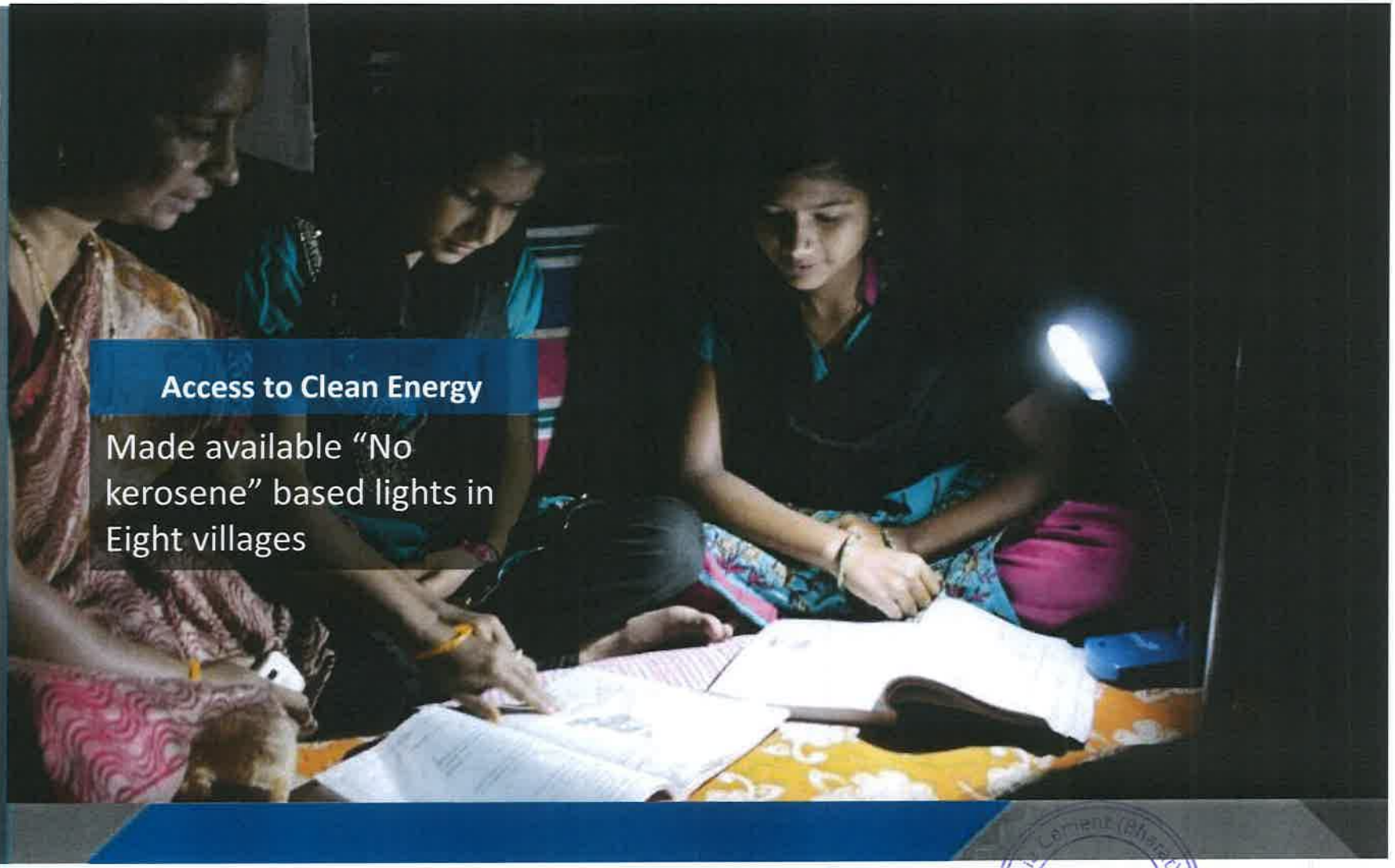
Clean Energy

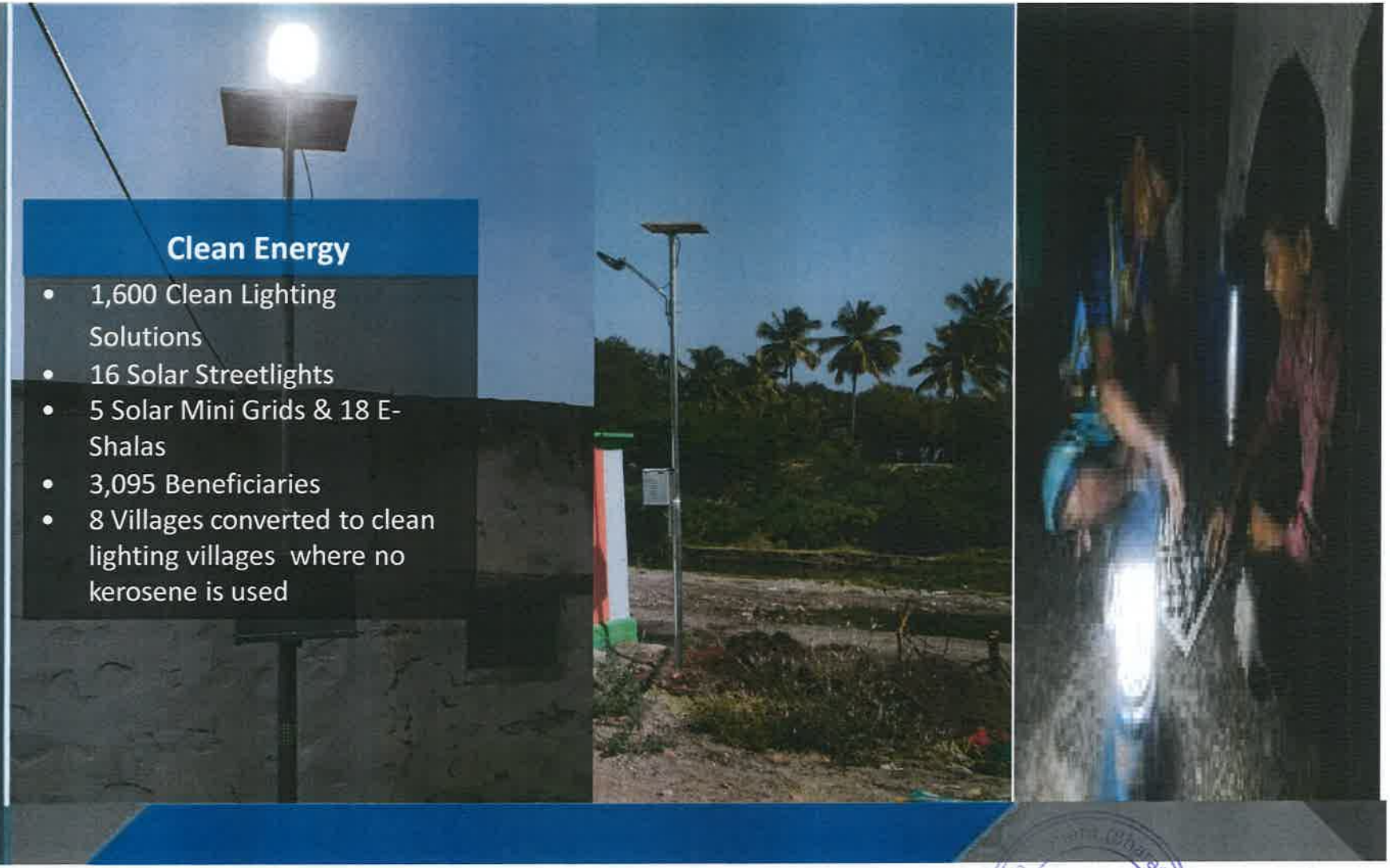
Climate Change – Clean Energy



Access to Clean Energy

Made available "No kerosene" based lights in Eight villages

Climate Change - Clean Energy



Clean Energy

- 1,600 Clean Lighting Solutions
- 16 Solar Streetlights
- 5 Solar Mini Grids & 18 E-Shalas
- 3,095 Beneficiaries
- 8 Villages converted to clean lighting villages where no kerosene is used

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Climate Change - Clean Energy

Clean Cooking

- 248 kitchens were converted to Clean Cooking kitchens with shift Fuel efficient cook stoves, LPG connections, Biogas plants, etc
- converted seven Villages to clean cooking villages.

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Livelihood

Livelihood

Dalmia Institute of Knowledge and Skill Harnessing (DIKSHa)

- 1827 students trained & 1285 students placed with reputed organizations

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Livelihood

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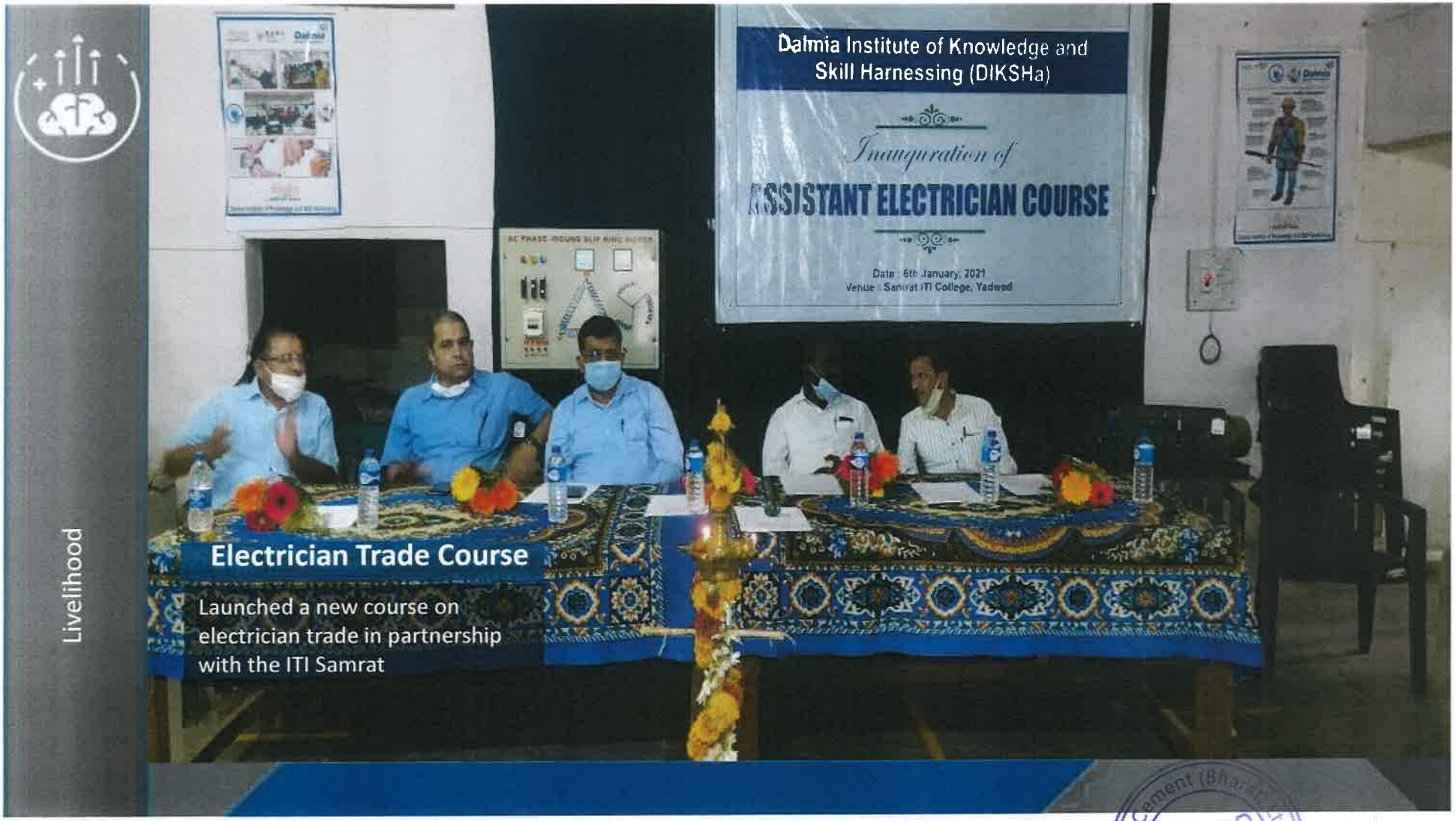
Livelihood



Electrician Trade Course

Launched a new course on electrician trade in partnership with the ITI Samrat

Livelihood

Placement drive for the students completed their courses under DIKSHA

Livelihood

Support for Mahila Bank

56 SHGs linked to the bank;
Rs. 83.5 lakh loan received for undertaking livelihood initiatives

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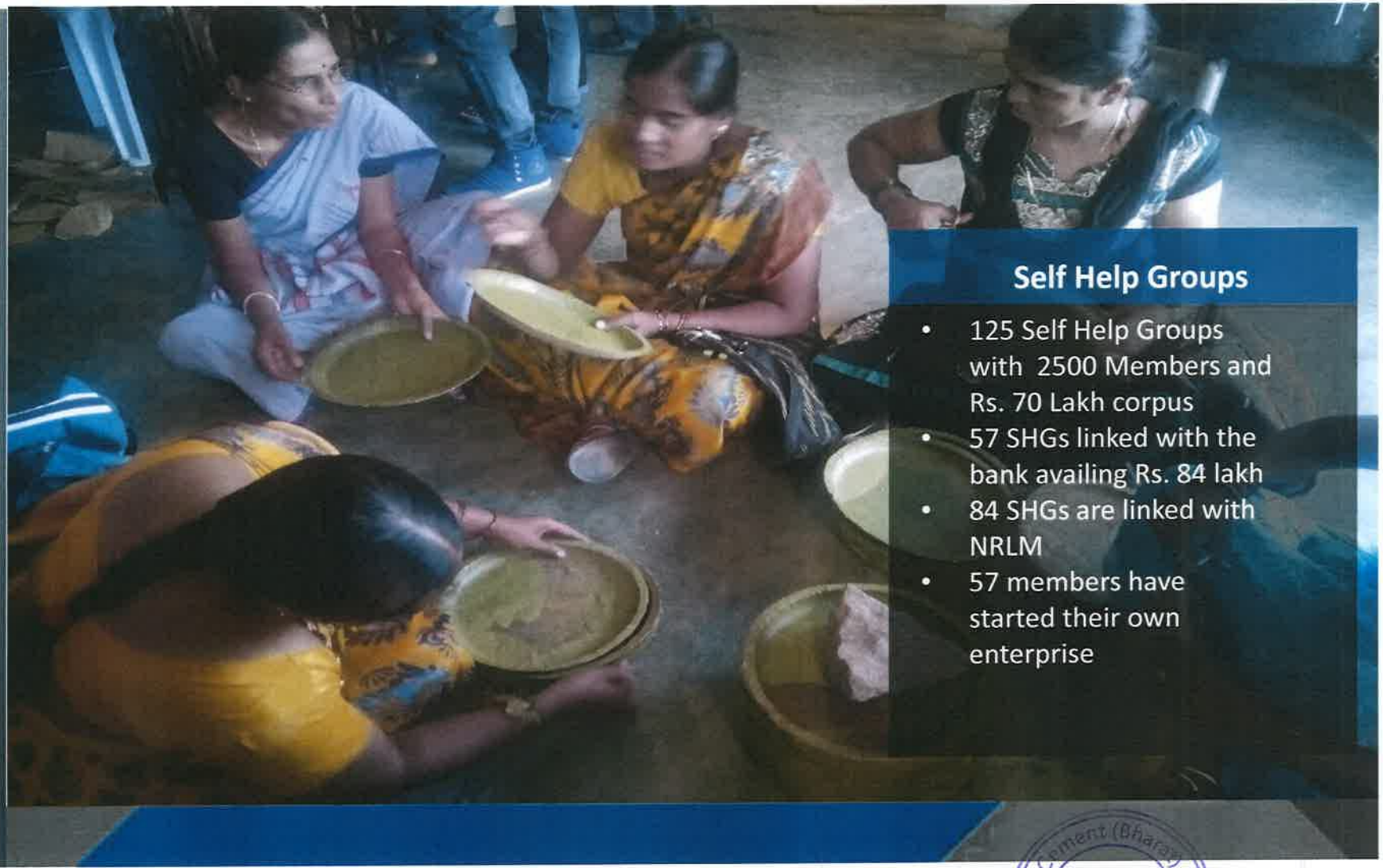
Belagavi Dt.

Livelihood



Self Help Groups

- 125 Self Help Groups with 2500 Members and Rs. 70 Lakh corpus
- 57 SHGs linked with the bank availing Rs. 84 lakh
- 84 SHGs are linked with NRLM
- 57 members have started their own enterprise

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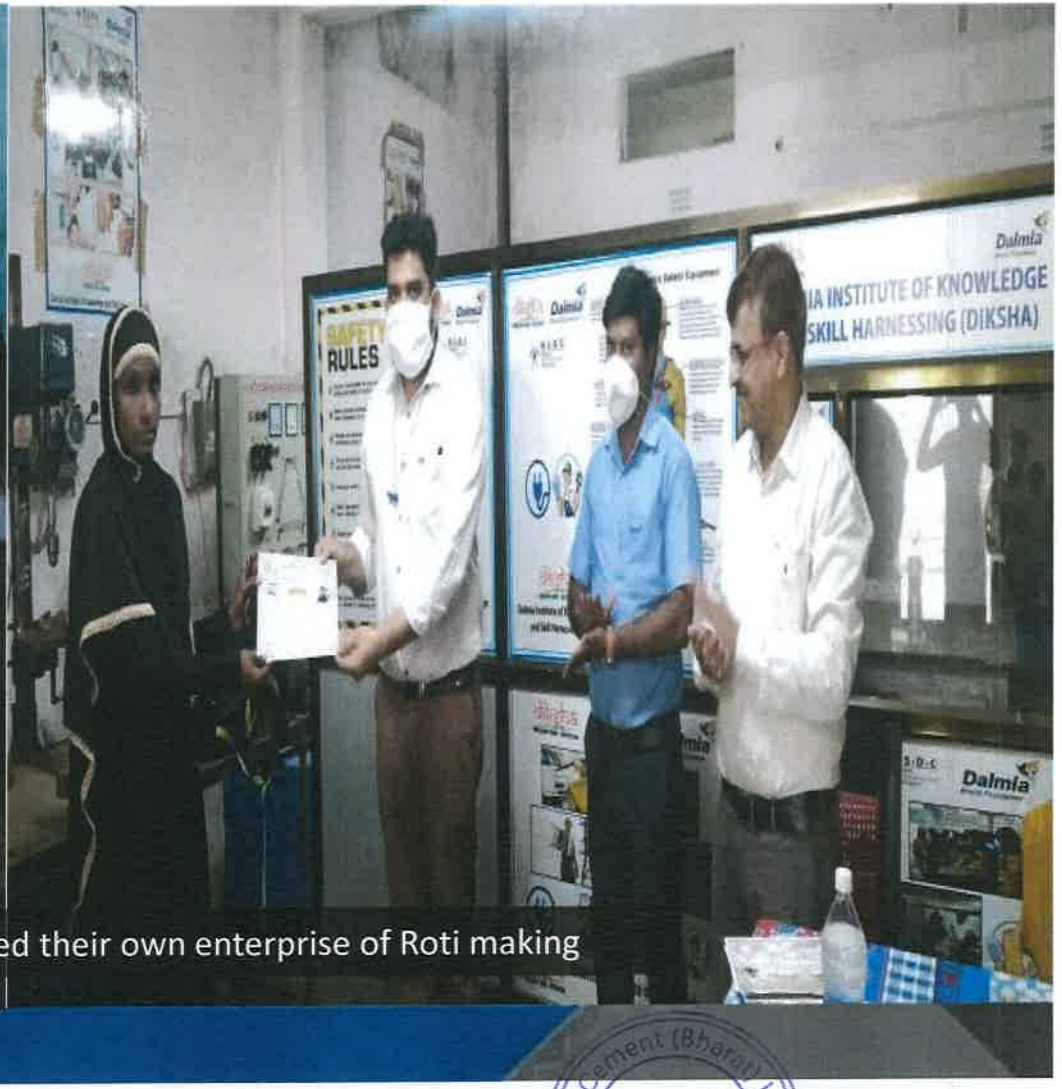
Livelihood



Two women started their own enterprise of Roti making

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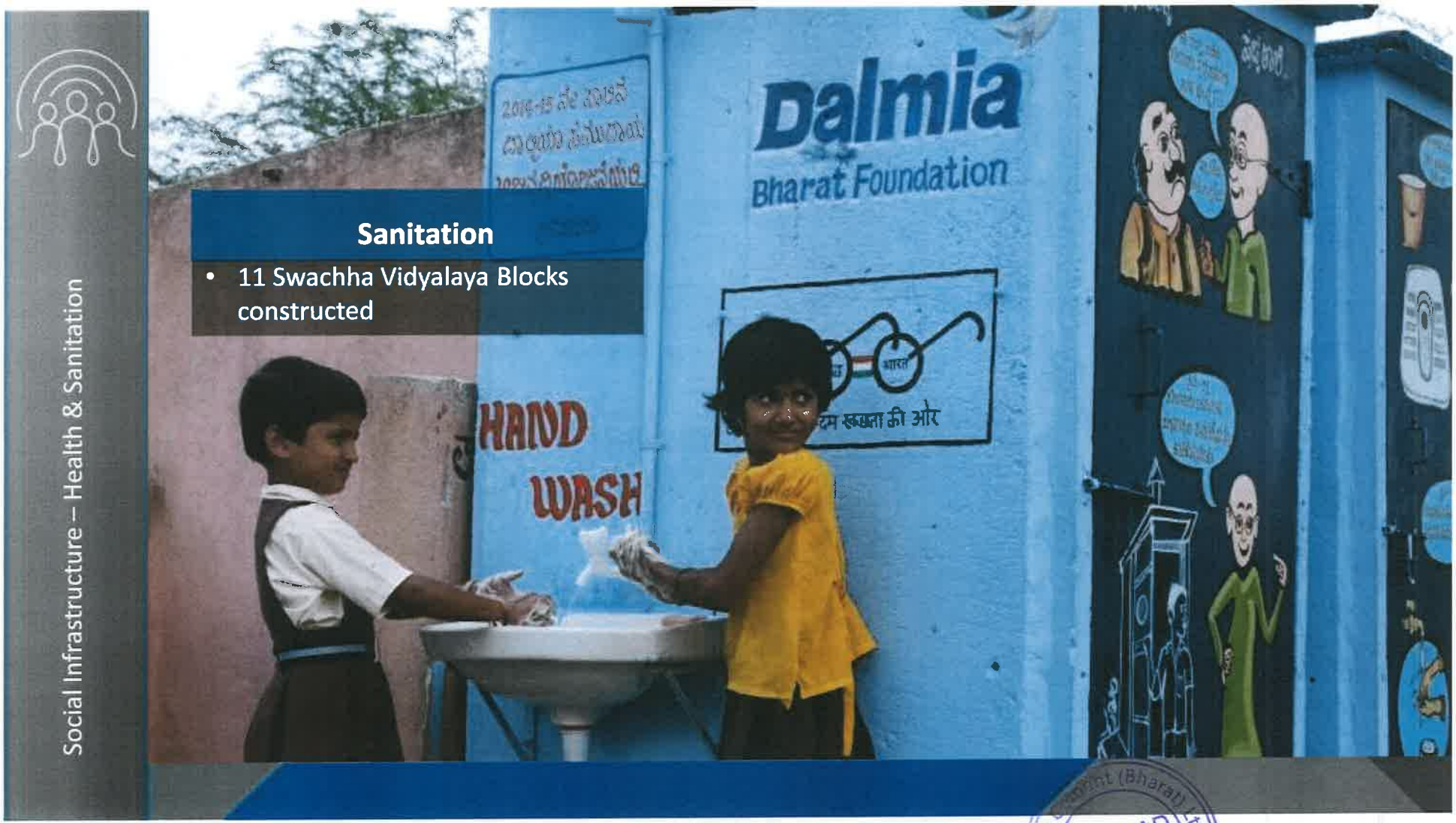
Social Infrastructure

Social Infrastructure – Health & Sanitation



Sanitation

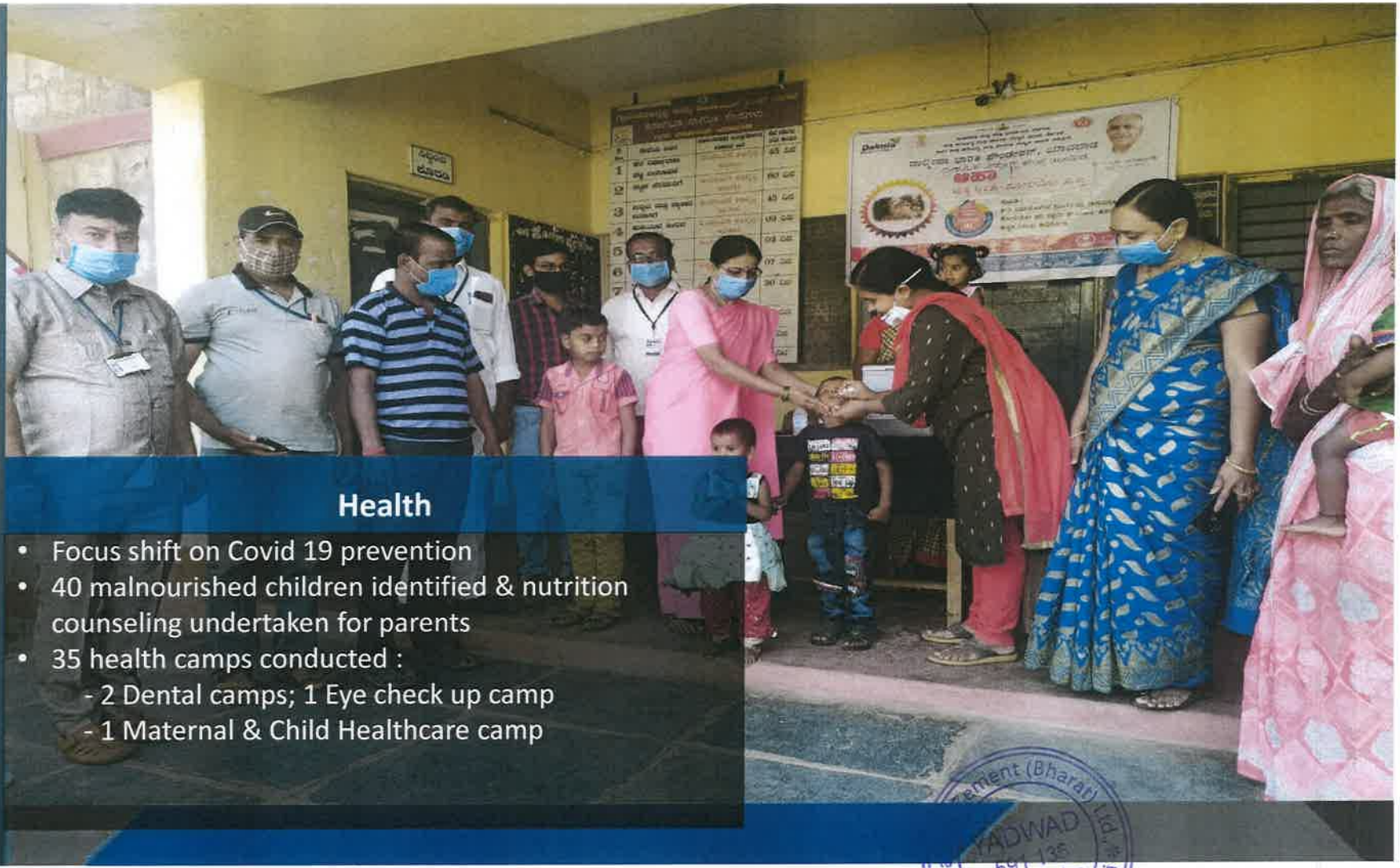
- 11 Swachha Vidyalaya Blocks constructed

Social Infrastructure – Health & Sanitation

Sanitation

- Constructed Community Sanitation Blocks to make villages open defecation free
- 63 Low cost toilets also constructed

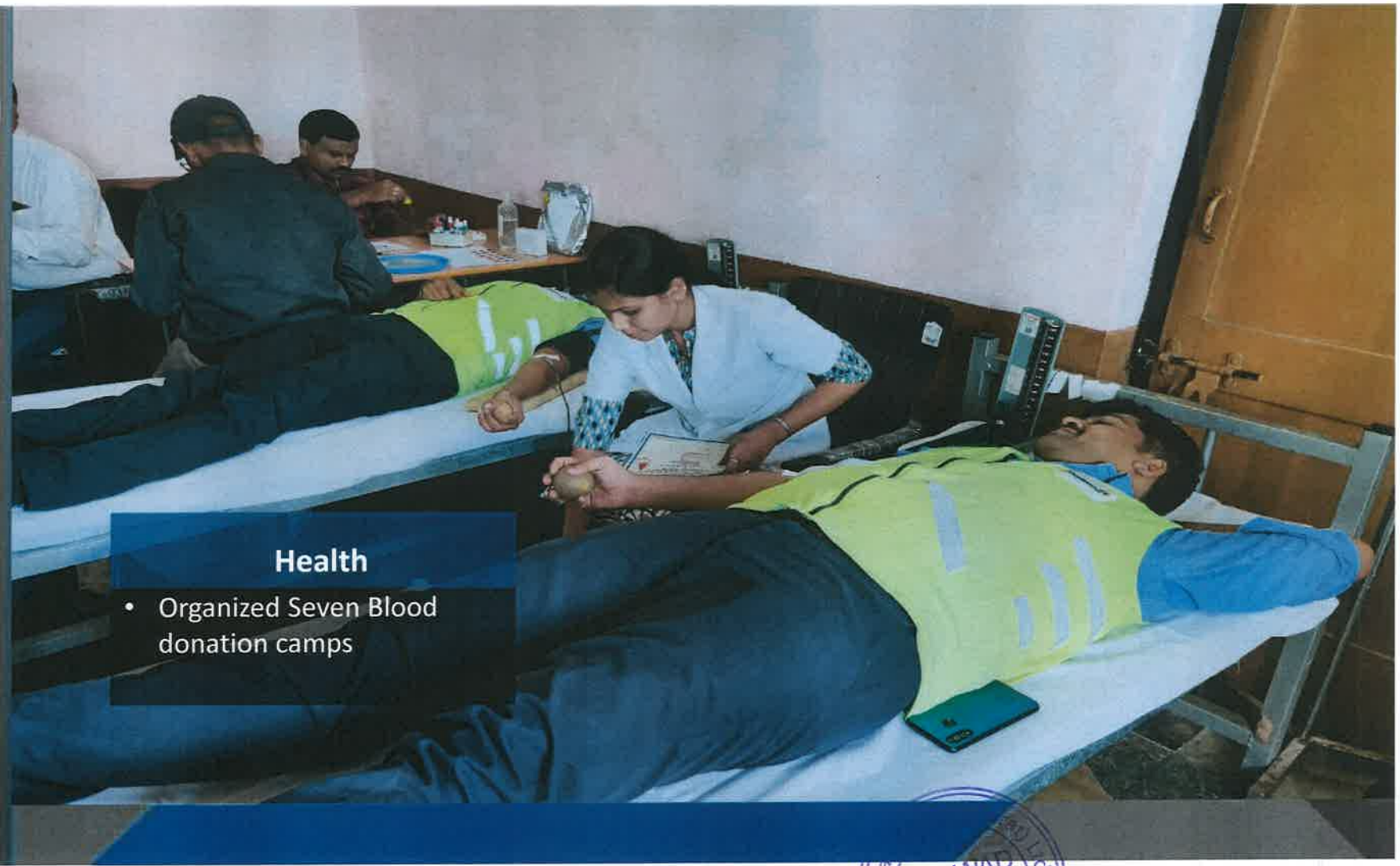
Social Infrastructure – Health & Sanitation



Health

- Focus shift on Covid 19 prevention
- 40 malnourished children identified & nutrition counseling undertaken for parents
- 35 health camps conducted :
  - 2 Dental camps; 1 Eye check up camp
  - 1 Maternal & Child Healthcare camp

Social Infrastructure – Health & Sanitation



Health

- Organized Seven Blood donation camps

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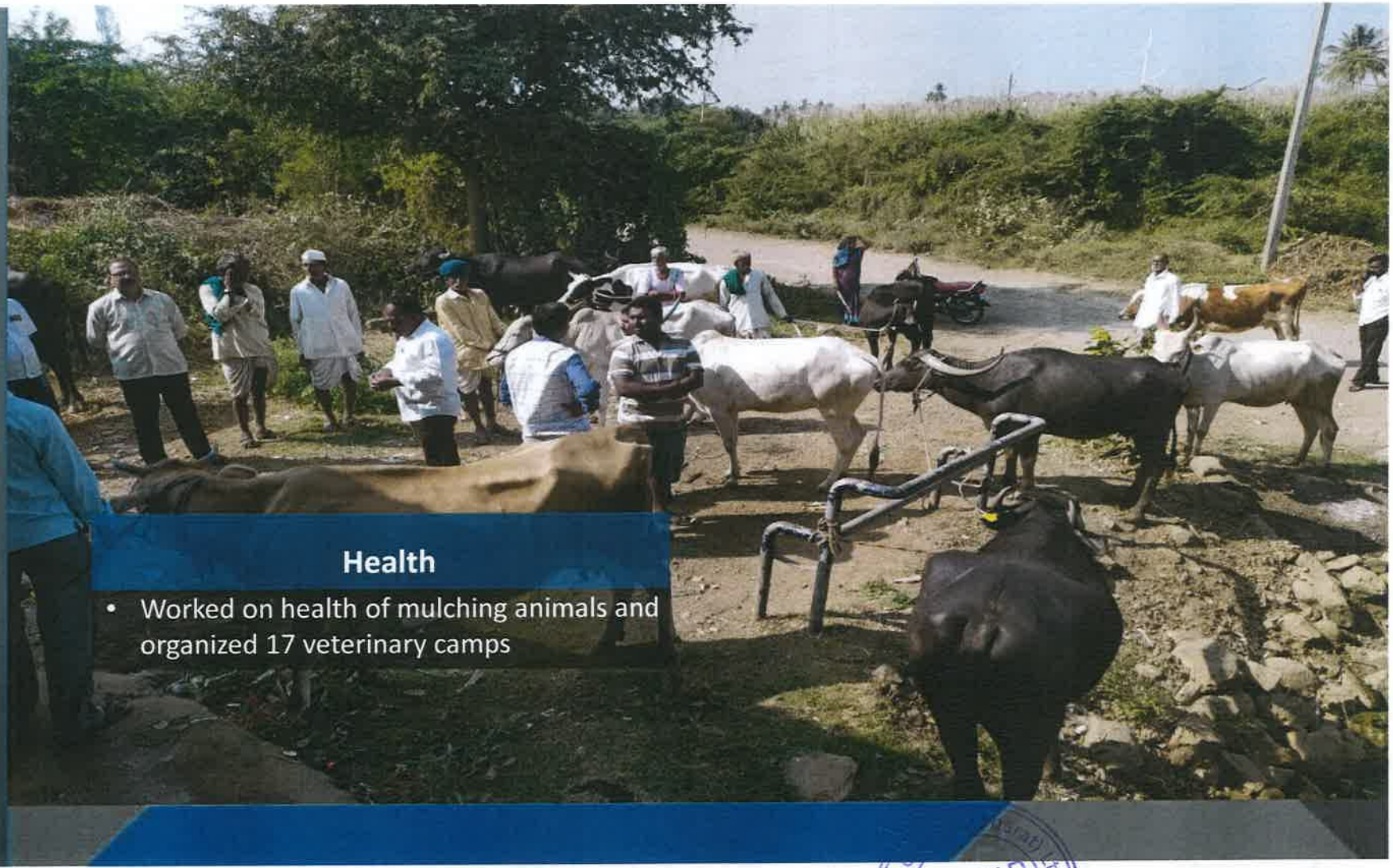
Social Infrastructure – Health & Sanitation



Health

- Worked on health of mulching animals and organized 17 veterinary camps

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Dalmia
Bharat Foundation

Education
&
Infrastructure

Social Infrastructure – Education & Infrastructure

Education

- Digital classes (E shala) set-up in 22 schools
- 18 Anganwadis supported with Educational playing material
- BALA (Building As Learning Aid) Art painted on walls in 21 schools and 21 Anganwadis

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Social Infrastructure – Education & Infrastructure

Education

- Constructed compound walls in 2 schools and 6 Anganwadis to support the school infrastructure
- Wall painting done in 4 schools
- 35 Awareness rallies were organized

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Social Infrastructure – Education & Infrastructure

Infrastructure

- A new Rural Haat has recently been inaugurated in Chippalakatti village to give clean and hygienic shopping place to 80 vendors, to sell their produce.

Social Infrastructure – Education & Infrastructure

Infrastructure

- A new Rural Haat has recently been inaugurated in Chippalakatti village to give clean and hygienic shopping place to 80 vendors, to sell their produce.

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Social Infrastructure – Education & Infrastructure

COVID-19 Fights /Support

- Handed over 3 Bolero to make the COVID work easy to health and education department
- Grocery kits distribution to the needy people
- COVID PPE kit distribution to health and frontline workers
- Sanitizer and masks distribution to community people

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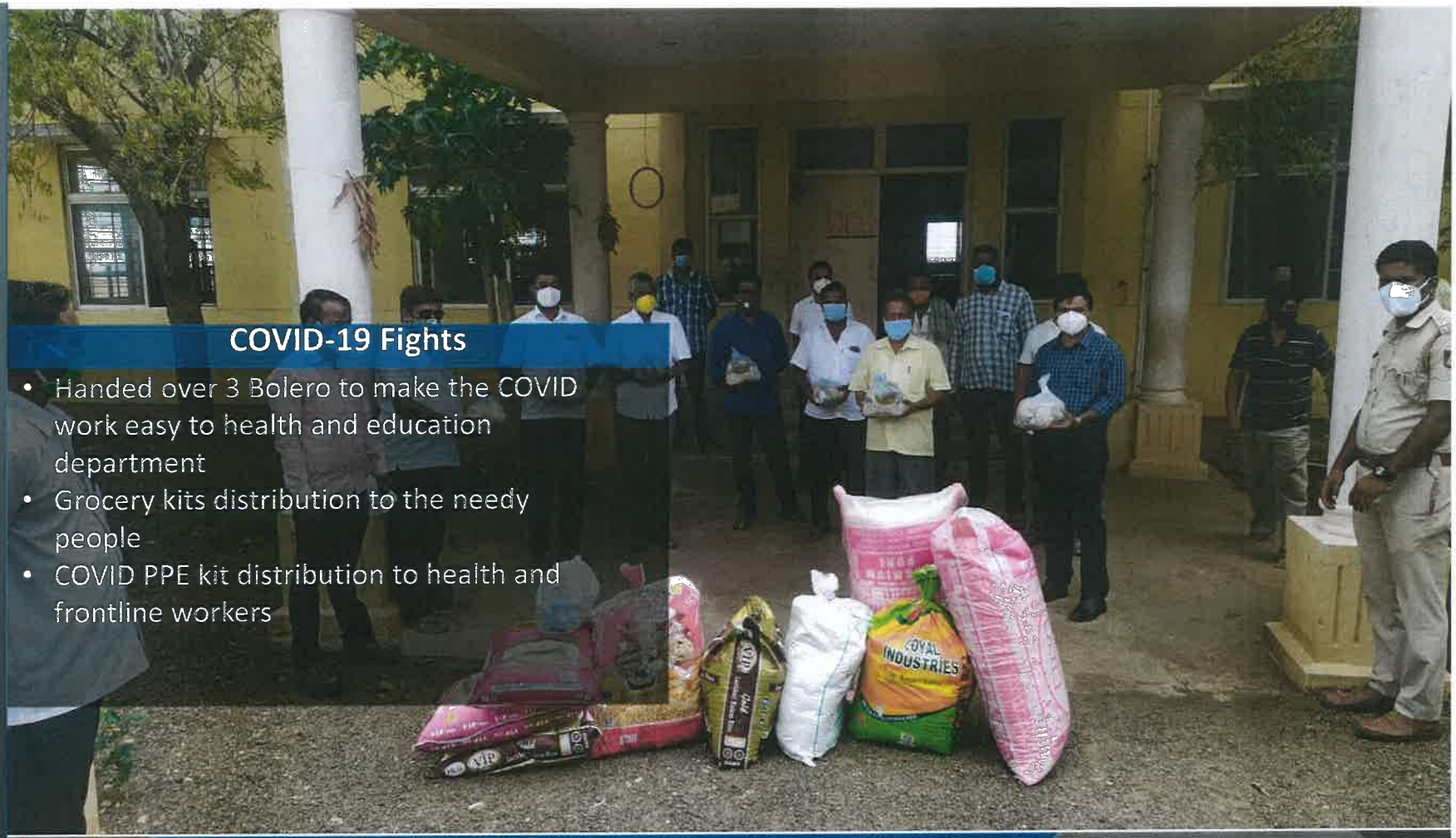
Social Infrastructure – Education & Infrastructure



COVID-19 Fights

- Handed over 3 Bolero to make the COVID work easy to health and education department
- Grocery kits distribution to the needy people
- COVID PPE kit distribution to health and frontline workers

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Social Infrastructure – Education & Infrastructure

COVID-19 Fights

- Sanitizer and masks distribution

Dalmia Cement (Bharat) Ltd.
YADWAD
591 136
Karnataka
Tq:Mudalagi Dt:Belagavi

Dalmia
Bharat Foundation

CONTACT INFORMATION

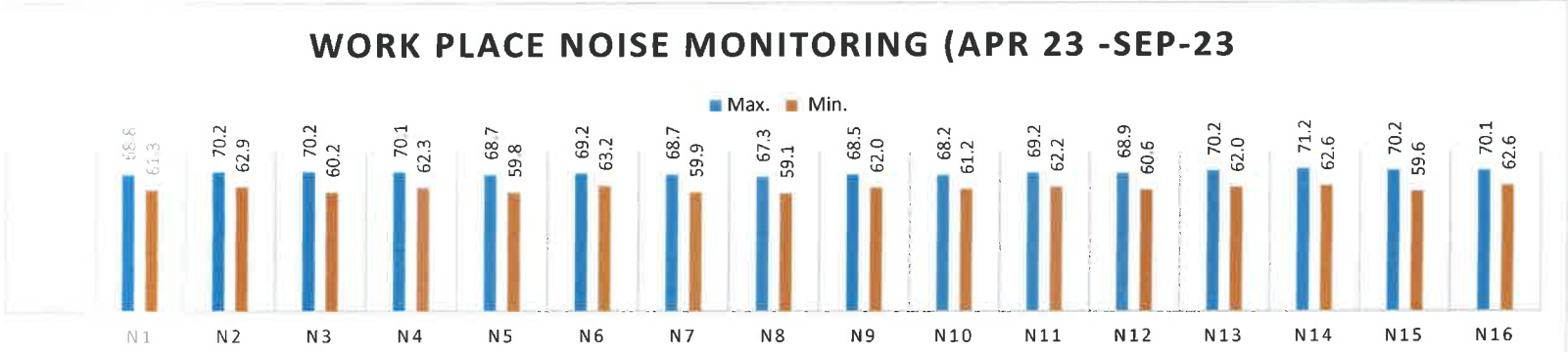
Belgaum
Dalmia Cement Bharat Limited R.S.
No. 394, Yadwad Village, Gokak
Taluk, Belgaum – 591136, Karnataka

w: www.dalmiafoundation.org

Annexure 9

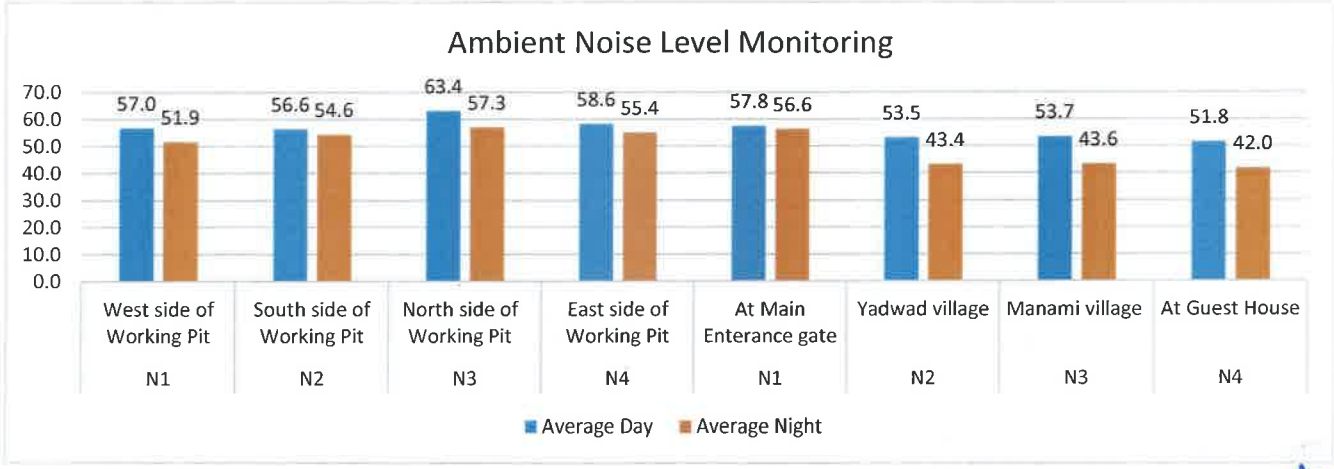
WORK PLACE NOISE LEVEL MONITORING

Sl.No	Code	Sampling Location	Unit	Apr-23		May-23		Jun-23		Jul-23		Aug-23		Sep-23		Average	
				Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.
1	N1	At Packing plant-truck loading	dB	66.8	63.1	68.8	63.4	68.8	63.4	67.3	61.3	66.2	62.1	68.2	62.2	68.8	61.3
2	N2	At Cement mill	dB	68.5	66.7	70.2	62.9	70.2	62.9	69.8	64.8	67.2	63,3	67.2	63.1	70.2	62.9
3	N3	At CCR	dB	65.3	60.2	69.7	62.3	69.7	62.3	70.2	62.4	69.2	62.2	69.3	63.4	70.2	60.2
4	N4	At main gate Security office	dB	70.1	62.5	68.6	62.3	68.6	62.3	67.3	63.4	66.3	62.9	65.3	64.2	70.1	62.3
5	N5	At Clinker cooler	dB	68.2	59.8	65.3	61.3	65.3	61.3	66.1	62.9	65.3	60.2	68.7	65.2	68.7	59.8
6	N6	At Raw Mill	dB	68.8	63.2	69.2	65.2	69.2	65.2	68.6	65.2	67.2	63.2	64.8	63.2	69.2	63.2
7	N7	At Coal mill	dB	62.3	59.9	68.5	64.2	68.5	64.2	67.2	63.3	68.6	64.1	68.7	61.1	68.7	59.9
8	N8	At Health center	dB	64.5	59.1	65.6	61.3	65.6	61.3	67.3	66.4	65.2	63.2	66.6	64.1	67.3	59.1
9	N9	At CCR-CPP	dB	60.3	62.5	68.5	62.3	68.5	62.3	67.1	62.0	64.2	62.1	68.2	63.1	68.5	62.0
10	N10	At Turbine floor	dB	68.2	66.4	63.2	61.2	63.2	61.2	66.2	62.3	65.2	61.9	67.2	64.1	68.2	61.2
11	N11	At LS crusher	dB	67.2	64.2	66.6	63.2	66.6	63.2	67.8	63.8	66.3	62.2	69.2	62.3	69.2	62.2
12	N12	At Guest House	dB	68.2	62.5	68.9	61.5	68.9	61.5	68.8	61.6	65.2	60.6	67.9	62.2	68.9	60.6
13	N13	At Store	dB	65.6	62.0	70.2	63.5	70.2	63.5	69.8	68.5	67.2	63.2	68.8	66.2	70.2	62.0
14	N14	Near Packer-Packing Plant	dB	71.2	67.1	68.7	65.6	68.7	65.6	68.7	65.2	69.2	62.6	69.2	64.2	71.2	62.6
15	N15	At Mines office	dB	64.0	59.6	70.2	64.2	68.8	62.3	65.3	62.1	66.2	62.5	64.2	61.9	70.2	59.6
16	N16	Inside HEME equipment cabin	dB	70.1	65.8	69.8	63.7	66.2	62.9	64.9	63.2	65.2	63.1	66.2	62.6	70.1	62.6

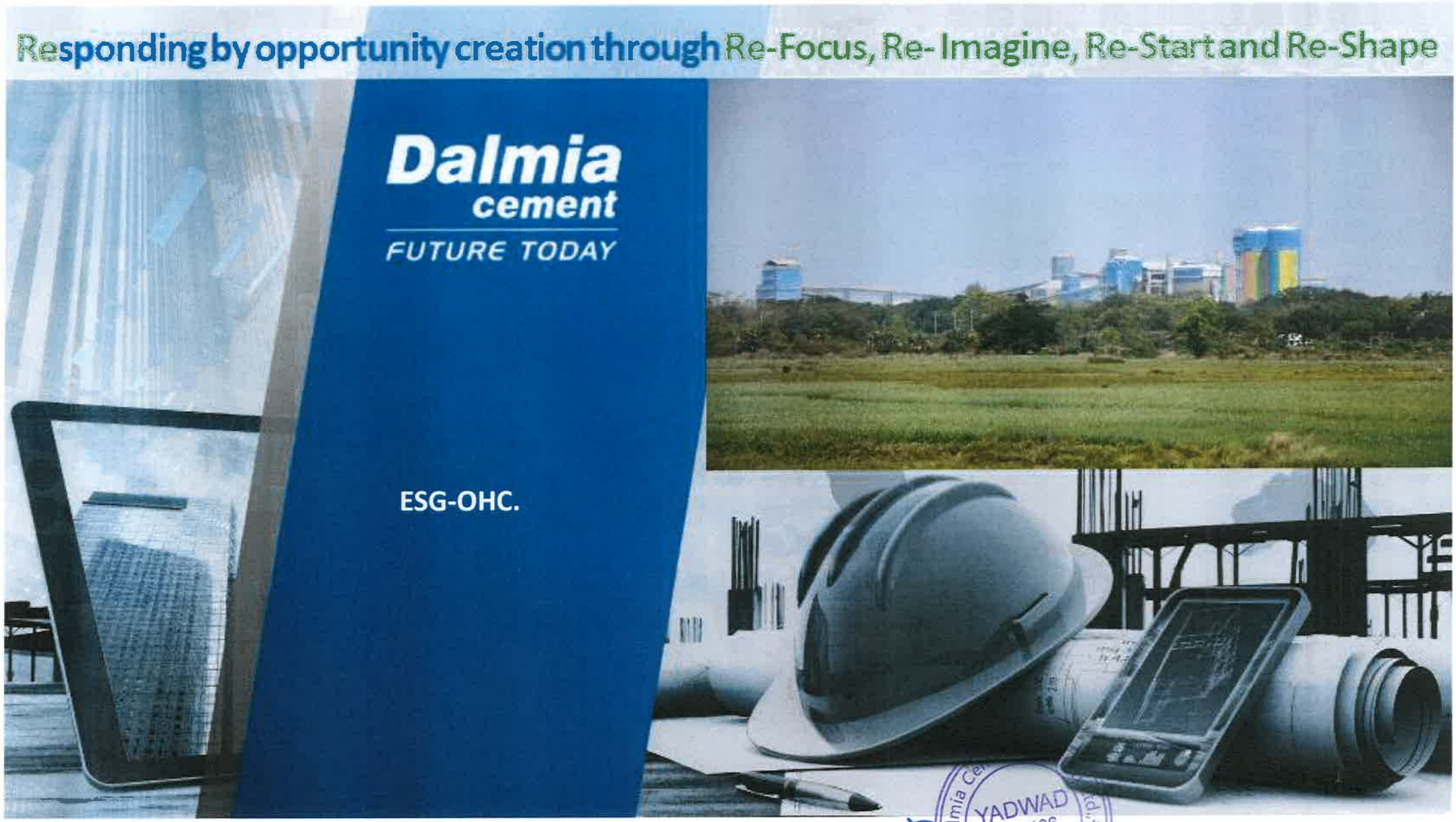


AMBIENT NOISE LEVELMONITORING

Sl.No	Code	Sampling Location	Unit	Apr-23		May-23		Jun-23		Jul-23		Aug-23		Sep-23		Average		STD	
				Day	Night	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night
1	N1	West side of Working Pit	dB	59.2	52.0	58.7	51.8	57.2	52.1	56.6	51.9	55.2	51.2	55.2	52.2	57.0	51.9	75.0	70.0
2	N2	South side of Working Pit	dB	56.2	54.1	55.7	53.5	56.2	54.1	57.2	55.6	56.1	54.2	58.4	56.2	56.6	54.6	75.0	70.0
3	N3	North side of Working Pit	dB	62.8	58.5	63.4	57.8	62.1	56.1	63.4	57.4	64.3	56.7	64.2	57.2	63.4	57.3	75.0	70.0
4	N4	East side of Working Pit	dB	58.6	56.5	58.7	55.2	58.2	54.3	59.3	55.7	58.4	55.1	58.3	55.5	58.6	55.4	75.0	70.0
5	N1	At Main Enterance gate	dB	59.8	58.2	58.5	57.8	58.1	56.2	57.2	55.2	56.3	54.2	56.8	57.8	57.8	56.6	75.0	70.0
6	N2	Yadwad village	dB	54.5	44.6	53.6	43.5	52.1	43.3	53.7	42.9	54.2	43.2	52.8	43.1	53.5	43.4	55.0	45.0
7	N3	Manami village	dB	53.8	43.2	54.5	44.5	53.2	44.4	53.6	43.8	53.1	42.9	54.2	42.9	53.7	43.6	55.0	45.0
8	N4	At Guest House	dB	50.8	41.7	51.2	41.8	52.3	41.7	51.1	41.2	52.2	43.2	53.2	42.4	51.8	42.0	55.0	45.0



Responding by opportunity creation through Re-Focus, Re- Imagine, Re-Start and Re-Shape



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What went well

Dalmia Bharat Group

Conducted an awareness session on Monsoon related illness and its prevention for Ladies club members.

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What went well

Stress management workshop for O&M supervisors.

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What went well

Vaccination of food handlers with Typhoid vaccine.

What went well

An awareness session on Hepatitis for O&M associates.

What went well

CPR training for O&M associates.

What went well

Awareness session on Breast feeding for Pregnant and Nursing Mothers at Yadwad Aganwadi.

What went well

CPR training for O&M associates.

Awareness sessions/Workshops conducted.

- Conducted an awareness session on **Hypertension & Diabetes.-180 employees**
- Conducted a workshop on **Stress Management-50 employees.**
- Organized a **Yoga camp.-150 employees**
- Conducted an awareness session **Personal Hygiene for canteen and guest house employees.-27 employees.**
- Conducted an awareness session on **Heart Attack & how to maintain Healthy Heart.-190 employees.**
- Conducted an awareness session on **Nutrition to Pregnant women, Nursing mothers, and Children below 5 years.-60 employees.**
- Conducted an awareness session on importance of **Breast feeding to Pregnant women & Nursing mothers.-50 employees.**
- Conducted an awareness session on **Hand Washing techniques.-190 employees.**
- Conducted an awareness session **on Dengue, Chikungunya and Malaria.-300 employees.**
- Conducted an awareness session **Water borne and food borne diseases.-200 employees.**
- Conducted an awareness session on **Conjunctivitis (Eye flu).-300 employees.**
- Conducted a workshop on **CPR (Cardio pulmonary resuscitation)-300 employees.**
- Conducted an awareness session on **Tuberculosis.- 200 employees** Conducted a certificate course on **FIRST AID TRAINING from St.John Ambulance First aid Training Centre**.
- Conducted an awareness session on **Tobacco, Alcohol and Substance Deaddiction 200 employees**
- Everyday we are organizing **ZUMBA CLASSES** in the evening for our Talents and family members-50 employees.
- Everyday evening we are organizing sports like **Volley ball** competition to our talents.-20 employees.

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Key achievements in Last year.

1) 100% Completion of Executive Health check up
2) 100% Completion of Periodic Medical Examination of O&M associates.
3) First aid training for 90 employees from St.John Ambulance First aid Centre.
4) Conducted CSR health camps in nearby villages.
5) Organised Yoga camp in the Plant.
6) Regularly conducting Zumba classes in the colony after work hours.
7) Organised Sports activities for talents and O&M associates.
8) Nutrition, Breast feeding awareness for Pregnant and Nursing mother in nearby villages.
9) Organised a Stress Management Programme for O&M Supervisors.
10) Regularly conducting awareness session on Physical health, mental health, seasonal and occupational diseases to shopfloor employees and Talents.
11) Regularly conducting CPR training / Retraining for shopfloor employees and Talents.
12) Monthly conducting CONTINOUS NURSING EDUCATION programme about managing various emergencies like MI, STROKE, SIEZURES, HEAD INJURY etc.
13) Organised vaccination of food handlers.
14) Liasoning with Local hospitals for Consultation, investigation and treatment of employees and their family members.

Dalmia
Bharat Group

Thank you

CONTACT INFORMATION

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Annexure -11

Environmental Recurring cost for Fy 2022-23 (in Crores)		
Sl.No	**Expenditure incurred**	**2022-2023**
	Air	
1	Space Cost Bag filter Maintenance	0.70
2	Electricity for bag filters & emission monitoring equipment.	2.60
3	Water Sprinkling hire/ Maintenance/Opr Wages	0.02
4	Expenditure for Concerting of Road	1.01
	Total recurrence cost for air in crores	**4.32**
	Water	
5	STP Operation and Maintenance	0.02
6	Storm water drain cleaning & Pound	---
7	ETP Operation and Maintenance	0.03
	Total recurrence cost for water in crores	**0.05**
	Environment Monitoring	
8	AMC of Opacity & CAAQMS	0.02
9	Opacity monitor & AAQMS Maintenance & Spare	---
10	Third Party Monitoring	0.08
	Total recurrence for Environment monitoring	**0.09**
	Green Development	
11	Greenery Development, Maintenance including the Manpower	**0.13**