

Bhagwat Swaroop Sharma

From: Bhagwat Swaroop Sharma
Sent: Monday, May 27, 2024 10:28 PM
To: iro.gandhingr-mefcc@gov.in; ecompliance-guj@gov.in
Cc: ec-rdw.cpcb@gov.in; ro-gpcb-kute@gujarat.gov.in; ms-gpcb@gujarat.gov.in; direnv@gujarat.gov.in; Anil Trivedi; Sujalkumar Shah
Subject: Half Yearly EC Compliance Report AMSIPL-2010 Submission for Period Oct.2023 to Mar 2024
Attachments: EC Compliance Report_AMSIPL-2010_Oct23 to Mar24.pdf

APSEZL/EnvCell/2024-25/011

Date: 25.05.2024

To
The Inspector General of Forest / Scientist C,
Integrated Regional Office (IRO),
Ministry of Environment, Forest and Climate Change,
Aranya Bhawan, A Wing, Room No. 409,
Near CH 3 Circle, Sector – 10A,
Gandhinagar – 382007.
E-mail: ecompliance-guj@gov.in, iro.gandhingr-mefcc@gov.in

Sub : Half yearly Compliance report for Environment Clearance for the "Township and area development project" at Survey no. 141 (part), village: Mundra, Dist. Kutch, by M/s. Adani Mundra SEZ Infrastructure Pvt. Ltd."

Ref : Environment clearance granted to Adani Mundra SEZ Infrastructure Pvt. Ltd. vide letter dated 20th February, 2010 bearing SEIAA letter no. SEIAA/GUJ/EC/8(b)/44 /2010.

Dear Sir,

Please refer to the above cited reference for the said subject matter. In connection to the same, it is to state that copy of the compliance report for the Environmental Clearance for the period of October 2023 to March 2024 is being submitted through soft copy (e-mail communication).

Kindly consider above submission and acknowledge.

Thank you,
Yours Faithfully,
For, **M/s Adani Ports and Special Economic Zone Limited**



Bhagwat Swaroop Sharma
Head – Environment
Mundra & Tuna Port

Encl: As above

Copy to:

- 1) The Zonal Officer, Regional Office, CPCB – Western Region, Parivesh Bhawan, Opp. VMC Ward Office No. 10, Subhanpura, Vadodara – 390023.
- 2) The Member Secretary, GPCB – Head Office, Paryavaran Bhavan, Sector 10 A, Gandhi Nagar – 382010.
- 3) The Member Secretary, SEIAA, Gujarat, Paryavaran Bhavan, GPCB, Sector 10 A, Gandhi Nagar – 382010.
- 4) The Regional Officer, Regional Office GPCB (Kutch-East), Gandhidham – 370201.

Thanks & Regards,

Bhagwat Swaroop Sharma
Sr. Manager - Environment
Mundra & Tuna port

Adani Ports & Special Economic Zone Ltd.

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Goodness

Our Values: Courage | Trust | Commitment



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Near CH 3 Circle, Sector – 10A,
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- 4) The Regional Officer, Regional Office GPCB (Kutch-East), Gandhidham – 370201.

**Environmental Clearance
Compliance Report
of**



**Township and
Area Development Project,
Village: Mundra, Dist. Kutch, Gujarat**

**of
Adani Mundra SEZ Infrastructure Pvt. Limited**

**for the period of
October 2023 to March 2024**

Status of the conditions stipulated in Environment Clearance**Index**

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**Compliance Report of
Environment Clearance**

Half yearly Compliance report for Environment Clearance for the project “Township and area development project at Mundra, Dist. Kachchh, Gujarat of M/s. Adani Mundra SEZ Infrastructure Pvt. Ltd.” issued vide letter no. SEIAA/GUJ/EC/8(b)/44/2010 dated 20th February 2010.

Sr. No.	Conditions	Compliance Status as on 31-03-2024
A. Specific Conditions		
A.1	Construction Phase:	
1.	Minimum Aerial distance of 100 m shall be kept between processing & non – processing areas of SEZ, as proposed.	We had Complied this condition during the construction phase. It is not applicable at present. This reply covers Condition No. 1 to 27 of Construction Phase.
2.	Height of the buildings in the project shall be restricted to 42 meter (in view of the height restriction specified by the aviation authority) or the height permissible under the bylaws prescribed the SEZ authority, whichever is more stringent. This, however, shall not increase the total population envisaged under the EIA report prepared and submitted to SEAC and SEIAA and shall not increase in the resource consumption like total water usage or wastes generated.	The details of the compliances with respect to construction phase are submitted in Oct’16 to March’17 compliance report. Construction work for the project is partially completed. However, no construction activity carried out during the compliance period of Oct’23 to Mar’24. All the specific conditions provided for construction phase will be considered upon recommencement of construction activity in future.
2(a)	The requirement for fire prevention, line safety in relation to fire and fire protection of the building shall be fulfilled in the project, as per the National Building Code of India so as to minimize danger to life and property from fire.	
2(b)	All high rise buildings shall have at least two staircases with a condition that the	

Sr. No.	Conditions	Compliance Status as on 31-03-2024
	nearest staircases shall be available at every 30 meter from all places in a given building.	
3.	The project proponent shall not obstruct the flow of river Bhukhi passing through the social infrastructure area and shall not do any encroachment on the said river, as per their undertaking dated 21/07/2009. All necessary precautions and measures shall be taken in order to ensure that natural drainage of river Bhukhi passing through the project site is not altered / affected.	<p>Complied during the construction phase. Not applicable at present.</p> <p>The details of the compliances with respect to construction phase are submitted in Oct'16 to March'17 compliance report.</p> <p>Construction work for the project is partially completed. However, no construction activity carried out during the compliance period of Oct'23 to Mar'24.</p> <p>All the specific conditions provided for construction phase will be considered upon recommencement of construction activity in future.</p>
4.	Additional bridge / walkthrough over the Bhukhi river passing through the site shall be provided between the two bridges planned to be provided so as to reduce distance to be travelled during the emergency situations.	
5.	If SEZ authority permits, adequate parapet / fencing shall be provided along the banks of river Bhukhi passing through the site for preventing fall of animals / humans.	
6.	All required sanitary and hygienic measures shall be provided before starting the construction activities and to be maintained throughout the construction phase.	

Sr. No.	Conditions	Compliance Status as on 31-03-2024
7.	The construction site shall be provided with adequately barricades of at least 3 m height on its periphery with adequate signage	
8.	Adequate first aid facilities shall be provided in the project both during construction and operation of the project.	
9.	Adequate drinking water, sanitation and other amenities shall be provided for construction workers at the site. The safe disposal of wastewater and solid wastes generated during the construction phase should be ensured.	<p>Complied during the construction phase. Not applicable at present.</p> <p>The details of the compliances with respect to construction phase are submitted in Oct'16 to March'17 compliance report.</p> <p>Construction work for the project is partially completed. However, no construction activity carried out during the compliance period of Oct'23 to Mar'24.</p>
10.	Provision should be made for the supply of fuel (Kerosene or cooking gas), utensils such as pressure cookers etc. to the laborers during construction phase.	All the specific conditions provided for construction phase will be considered upon recommencement of construction activity in future.
11.	The project proponent shall ensure that the construction labours are provided with adequate amenities for lighting, drinking water, sanitation etc. to ensure that do not ruin the existing environmental condition.	
12.	Adequate personal protective equipments shall be provided to the construction workers to ensure their safety and the project proponent shall	

Sr. No.	Conditions	Compliance Status as on 31-03-2024
	ensure its usage by the labours.	
13.	All topsoil excavated during construction activities should be stored separately for use in horticultural / landscape development within the project site.	
14.	Disposal of debris including the excavated material during construction phase shall not create adverse effect on neighbouring communities and shall be disposed of only at the approved sites with the approval of the competent authority after taking the necessary precautions for general safety and health aspects.	
15.	Use of diesel generator sets during construction phase should be enclosed type and confirm to EPA rules for air and noise emission standards.	
16.	Ready-made mix concrete should be used so far as possible	Complied during the construction phase. Not applicable at present. The details of the compliances with respect to construction phase are submitted in Oct'16 to March'17 compliance report. Construction work for the project is partially completed. However, no construction activity carried out during the compliance period of Oct'23 to Mar'24.
17.	Water demand during construction should be reduced by use of curing agents, plasticizers and other best practices.	All the specific conditions provided for construction phase will be considered upon recommencement of construction activity in future.
18.	Vehicles hired for bringing construction material at site should be in good conditions and confirm to applicable air and noise emission standards and should be	

Sr. No.	Conditions	Compliance Status as on 31-03-2024
	operated only during non-peak hours.	
19.	Ambient noise levels shall conform to residential standards both during day and night. Incremental pollution load on the ambient air and noise quality should be closely monitored during construction phase.	
20.	Fixtures for showers, toilet, flushing and drinking should be of low flow either by use of aerator or pressure reducing devices or sensor based control.	
21.	Fly ash should be used as building material in the construction as per provision of Fly Ash Notification under EPA.	Complied during the construction phase. Not applicable at present.
22.	Structural design aspects in accordance to the seismic zone shall be strictly adhered to.	The details of the compliances with respect to construction phase are submitted in Oct'16 to March'17 compliance report. Construction work for the project is partially completed. However, no construction activity carried out during the compliance period of Oct'23 to Mar'24.
23.	No ground water shall be used and the water required during construction phase shall be sourced from Gujarat Water Infrastructure Ltd.	All the specific conditions provided for construction phase will be considered upon recommencement of construction activity in future. APSEZL has a well-structured Environment Management Cell, staffed with qualified manpower for implementation of the Environment Management Plan at site. Site environment team direct report to site Chief Executive Officer (CEO) and the CEO directly reports to the top management. Updated Environment Management Cell Organogram is attached as Annexure 1 .
24.	The construction materials and debris shall be properly stored and handled to avoid negative impacts such as air pollution and public nuisances by blocking the roads and public passages. Appropriate barricading shall be done and signboards shall be put at such site.	

Sr. No.	Conditions	Compliance Status as on 31-03-2024
25.	Ambient Air Quality Monitoring / Noise monitoring shall be carried out during the construction. The location of ambient air quality monitoring stations and its frequency shall be decided in consultation with GPCB.	
26.	The provisions of the buildings and other construction workers rules shall be met with by the project proponent in addition to other statutory requirements under different environmental pollution control and safety related acts and rules.	
27.	Environment Management Cell shall be formed, which will supervise and monitor the environment related aspects of the project during construction and operational phases in addition to observance of Gujarat Building and other constructions workers act and rules including registration of the project under this act.	
A.2	Operation Phase:	
28.	Fresh water requirement during the operation phase shall not exceed 9 MLD and it shall be sourced from Gujarat Water Infrastructure Ltd. Metering of the water shall be done and its records shall be maintained. No ground water shall be	<p>Complied.</p> <p>No ground water is being extracted.</p> <p>Fresh water requirement for Samudra township and Adani Hospital is approximately average 1587.18 KLD during compliance period Oct'23 to Mar'24 which has been sourced through Gujarat Water Infrastructure Ltd. (GWIL) and APSEZ desalination plant.</p>

Sr. No.	Conditions	Compliance Status as on 31-03-2024
	extracted.	<p>No ground water is being extracted.</p> <p>Record maintained for quantity of water usage during the period Oct'23 to Mar'24 is attached as Annexure – 2.</p>
29.	The total sewage generation from the proposed social infrastructure project shall not exceed 7.2 MLD.	<p>Complied.</p> <p>During compliance period Oct'23 to Mar'24 average received quantity of sewage was 1011.97 KLD from Samudra township, Adani Hospital & Mundra Village. Average quantity of treated sewage discharge was 970.28 KLD during compliance period. Generated sewage is being treated in STP of Samudra Township and treated water is being utilized for horticultural purpose within AMSIPL premises.</p> <p>AMSIPL has been granted Consent to Operate from Gujarat Pollution Control Board for receiving 1.0 MLD of domestic sewage from Mundra village for treatment in Samudra township STP and final disposal on land for horticulture purpose within AMSIPL as well as APSEZ premises. Details of the same were submitted along with half yearly compliance report for the period Apr'20 to Sep'20. During compliance period Oct'23 to Mar'24 an average 182.78 KLD of domestic sewage received from Mundra village to Samudra township STP for treatment.</p> <p>Details of sewage generated from township, received from Adani hospital & Mundra village and treated water discharge during the period Oct'23 to Mar'24 is attached as Annexure – 2.</p>
30.	The project proponent shall install and operate adequate sewage treatment plants (STP) comprising of 3 modules of STP (each of 2.5 MLD) to achieve ultimate capacity of 7.5 MLD, for treatment of sewage. These STP modules shall be operated regularly and effectively to achieve the GPCB norms.	<p>Complied.</p> <p>STP having capacity of 2.5 MLD with advance MBR technology is constructed and operated in township area. Treated sewage is being utilized for horticulture purposes after achieving discharge norms of GPCB.</p> <p>We have dismantled the Adani Hospital STP having 30 KLD capacity and the domestic sewage generated from hospital is being discharged into STP of Samudra Township through underground pipeline for treatment and disposal. Consent to Operate for the same has been granted from Gujarat Pollution Control Board. Details of the same were submitted along with half yearly compliance report for the period Apr'20 to Sep'20.</p> <p>Pre-treatment facility i.e. Disinfection treatment is being provided for</p>

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		<p>domestic sewage at hospital before discharging into Samudra Township STP. During compliance period Oct'23 to Mar'24 avg. 8.67 KLD domestic sewage received from hospital for treatment.</p> <p>Third party analysis of the treated water is being carried out twice in a month by NABL and MoEF&CC accredited agency namely M/s. Unistar Environment and Research Labs Pvt. Ltd., Vapi. Summary of the same for duration from Oct'23 to Mar'24 is mentioned below.</p> <p>Locations: STP (Township)</p> <table border="1" data-bbox="618 825 1453 1220"> <thead> <tr> <th>Parameters</th> <th>Unit</th> <th>Min</th> <th>Max</th> <th>Average</th> <th>Perm. Limit\$</th> </tr> </thead> <tbody> <tr> <td>pH @ 25 ° C</td> <td>--</td> <td>7.21</td> <td>7.44</td> <td>7.37</td> <td>6.5 – 9.0</td> </tr> <tr> <td>Total Suspended Solids</td> <td>mg/L</td> <td>18.00</td> <td>20.00</td> <td>18.83</td> <td>100</td> </tr> <tr> <td>Biochemical Oxygen Demand (BOD)</td> <td>mg/L</td> <td>15.50</td> <td>16.60</td> <td>16.09</td> <td>30</td> </tr> <tr> <td>Residual chlorine</td> <td>mg/L</td> <td>0.74</td> <td>0.84</td> <td>0.81</td> <td>--</td> </tr> <tr> <td>Fecal Coliform</td> <td>MPN Index/100ml</td> <td>70.00</td> <td>110.00</td> <td>89.17</td> <td>< 1000</td> </tr> </tbody> </table> <p style="text-align: right;">as per CC&A granted by GPCB</p> <p>Please refer Annexure – 3 for detailed analysis reports. Approx. INR 13.37 Lakh is spent for all environmental monitoring activities during FY 2023 - 24 for overall APSEZ, Mundra.</p> <p>GPCB is also doing sampling and analysis of treated water during their routine visit. Last visit was carried out by GPCB on dated 1/8/2022 and collected the treated water sample. GPCB Sample analysis report was submitted during the last compliance period Oct'22 to Mar'23.</p>	Parameters	Unit	Min	Max	Average	Perm. Limit\$	pH @ 25 ° C	--	7.21	7.44	7.37	6.5 – 9.0	Total Suspended Solids	mg/L	18.00	20.00	18.83	100	Biochemical Oxygen Demand (BOD)	mg/L	15.50	16.60	16.09	30	Residual chlorine	mg/L	0.74	0.84	0.81	--	Fecal Coliform	MPN Index/100ml	70.00	110.00	89.17	< 1000
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Sr. No.	Conditions	Compliance Status as on 31-03-2024																								
31.	Two modules of STP of 2.5 MLD (i.e. total 5 MLD) shall be installed on one side of the Bhukhi River and one module of STP of 2.5 MLD shall be installed on the other side of the Bhukhi River passing through the social infrastructure project. Hence no any cross drainage civil work shall be carried out.	<p>Complied.</p> <p>At present one STP of 2.5 MLD is installed on one side of Bhukhi river for Samudra Township.</p> <p>Below underground pipeline network has been laid for receiving sewage from Mundra town and Adani hospital for treatment as well as treated water discharge to Adani hospital for horticulture purpose with requisite permissions from GPCB.</p> <table border="1" data-bbox="618 800 1455 1388"> <thead> <tr> <th data-bbox="618 800 683 856">Sr. No.</th> <th data-bbox="683 800 1013 856">Pipeline Connectivity</th> <th data-bbox="1013 800 1138 856">Purpose</th> <th data-bbox="1138 800 1252 856">Length</th> <th data-bbox="1252 800 1357 856">Dia.</th> <th data-bbox="1357 800 1455 856">Make</th> </tr> </thead> <tbody> <tr> <td data-bbox="618 856 683 1003">1</td> <td data-bbox="683 856 1013 1003">Mundra Village to Samudra Township Existing Sewage Collection Tank</td> <td data-bbox="1013 856 1138 1003">For treatment of 1 MLD Domestic sewage</td> <td data-bbox="1138 856 1252 1003">4.2 Km</td> <td data-bbox="1252 856 1357 1003">315 mm</td> <td data-bbox="1357 856 1455 1003">HDPE</td> </tr> <tr> <td data-bbox="618 1003 683 1150">2</td> <td data-bbox="683 1003 1013 1150">Adani Hospital to Existing Mundra Village – Samudra Township Collection tank pipeline</td> <td data-bbox="1013 1003 1138 1150">For treatment of 25 KLD Domestic sewage</td> <td data-bbox="1138 1003 1252 1150">323 mtr</td> <td data-bbox="1252 1003 1357 1150">90mm</td> <td data-bbox="1357 1003 1455 1150">HDPE</td> </tr> <tr> <td data-bbox="618 1150 683 1388">3</td> <td data-bbox="683 1150 1013 1388">Samudra Township treated water tank to Adani hospital 40m³ tank</td> <td data-bbox="1013 1150 1138 1388">For utilization of treated water @ 150 KLD for gardening purpose</td> <td data-bbox="1138 1150 1252 1388">1.56 Km</td> <td data-bbox="1252 1150 1357 1388">90mm</td> <td data-bbox="1357 1150 1455 1388">HDPE</td> </tr> </tbody> </table>	Sr. No.	Pipeline Connectivity	Purpose	Length	Dia.	Make	1	Mundra Village to Samudra Township Existing Sewage Collection Tank	For treatment of 1 MLD Domestic sewage	4.2 Km	315 mm	HDPE	2	Adani Hospital to Existing Mundra Village – Samudra Township Collection tank pipeline	For treatment of 25 KLD Domestic sewage	323 mtr	90mm	HDPE	3	Samudra Township treated water tank to Adani hospital 40m ³ tank	For utilization of treated water @ 150 KLD for gardening purpose	1.56 Km	90mm	HDPE
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32.	Out of total 7.2 MLD of treated sewage conforming the GPCB norms, 2 MLD treated sewage shall be utilized within the project area for plantation / gardening whereas balance 5.2 MLD of treated sewage shall be utilized in the identified area of MPSEZL for plantation / gardening.	<p>Complied.</p> <p>During Oct'23 to Mar'24 Avg. 970.28 KLD of treated water was used for gardening / plantation purpose within Township area / Hospital area / APSEZ area.</p>																								
33.	In no case, the wastewater / treated sewage shall be discharged into the river	<p>Complied</p> <p>During Oct'23 to Mar'24 avg. 970.28 KLD of treated water from STP</p>																								

Sr. No.	Conditions	Compliance Status as on 31-03-2024
	Bhukhi passing through the social infrastructure project.	was used for gardening / plantation purpose within township area, hospital area and other APSEZ area. Hence in no case, the wastewater / treated sewage is discharged into the river Bhukhi passing through the social infrastructure project.
34.	Best available technology shall be used for disinfection of treated sewage before reuse / discharge.	<p>Complied.</p> <p>Chlorination treatment is provided for disinfection before reuse / discharge.</p>
35.	Rain water harvesting of roof top run off of the building to be constructed as a part of social infrastructure as per the plan submitted shall be implemented. Before recharging the rain water, pre-treatment must be done to remove suspended matter.	<p>Complied.</p> <p>Location of rain water harvesting was earmarked at one of location in identified SEZ area based on direction of flow of storm water channel. However underground water is saline in nature due to sea water ingress and harvested water is likely to get contaminated in high tide. The project will be taken up upon finding out the solution for rain water harvesting within project boundary.</p> <p>However, APSEZ has carried out rainwater harvesting activities in the nearby villages for benefit of the locals.</p> <p>Water conservation Projects i.e. Roof Top Rain Water Harvesting, Desilting of Check dams, Bore Well Recharge and Pond deepening were taken up in past years, review and monitoring of all water harvesting structures had been taken up. Including this a big recharge operation by bunding was taken up for Zarpara village.</p> <p>To make connections between human actions and the level of biological diversity found within a habitat and/or ecosystem, this year Adani Foundation launch project "Sanrakshan" in coordination with GUIDE and Sahjeevan.</p> <p>Since 10 years considerable Water Conservation Work carried out in Mundra Taluka. Due to satisfactory rain in current year 1.11 mtr ground water table increased as per increased in coastal belt of Mundra as per Government Figures.</p> <p>Our water conservation work is as below. Below tabulated Water Conservation Projects completed during Compliance period:</p> <p>Swajal Project:</p> <p>➤ Aim: The Foundation's Water Conservation program, SWAJAL, is</p>

Sr. No.	Conditions	Compliance Status as on 31-03-2024																																								
		<p>aimed at addressing the alarming depletion of groundwater levels and reduction in water sources in various parts of Kutch district.</p> <p>➤ Water Security Plan: Due to arid climatic characters of the Kutch region, it is essential to plan for water security drinking and livelihood purposes. Considering weather condition, rainfall characters, geohydrological condition and water demand, water security plan has been prepared for the Seven villages.</p> <table border="1" data-bbox="678 701 1395 1033"> <thead> <tr> <th>Block Name</th> <th>Water conservation structure</th> <th>Total no. of Structure</th> <th>Total Capacity Created (CUM)</th> </tr> </thead> <tbody> <tr> <td rowspan="5">Mundra</td> <td>Check Dam</td> <td>23</td> <td>6,07,332.80</td> </tr> <tr> <td>Pond Deepening</td> <td>66</td> <td>1,89,121.08</td> </tr> <tr> <td>RRWHS</td> <td>275</td> <td>2750</td> </tr> <tr> <td>Recharge Borewell</td> <td>209</td> <td>-</td> </tr> <tr> <td>Percolation Well</td> <td>24</td> <td>-</td> </tr> </tbody> </table> <p>Below tabulated Water Conservation Projects completed during last Compliance period:</p> <table border="1" data-bbox="685 1163 1386 1707"> <thead> <tr> <th>Sr. No.</th> <th>Project</th> <th>Unit</th> <th>Outcome</th> <th>Impact</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>Check dam Restrengthening-Nana Kapaya</td> <td>1</td> <td>Water Storage Capacity increased by 48000 Cum</td> <td>60 + farmer's 120+Acre Area of Agri land can be Irrigated</td> </tr> <tr> <td>2</td> <td>Recharge Borewell</td> <td>21</td> <td>Reduce Salinity ingress, and preventing water run</td> <td>150+ farmer's 260+ Acre Area of Agri land for Irrigated</td> </tr> <tr> <td>3</td> <td>Pipe Culvert at Checkdam at Bhujpur</td> <td>1</td> <td>prevent water runoff into seaside.</td> <td>35 farmers' 120+Acre Area of Agri land can be Irrigated</td> </tr> </tbody> </table> <ul style="list-style-type: none"> • Earlier Completed Activities/Projects: Large number of water harvesting structure (18 Nos. of check dams in coordination with salinity department) and Augmentation of 3 check dams. • Ground recharge activities (pond deepening work for 61 ponds) individually and 26 ponds under Sujlam Suflam Jal Abhiyan were built leading to a significant increase in water table and higher returns to the 	Block Name	Water conservation structure	Total no. of Structure	Total Capacity Created (CUM)	Mundra	Check Dam	23	6,07,332.80	Pond Deepening	66	1,89,121.08	RRWHS	275	2750	Recharge Borewell	209	-	Percolation Well	24	-	Sr. No.	Project	Unit	Outcome	Impact	1	Check dam Restrengthening-Nana Kapaya	1	Water Storage Capacity increased by 48000 Cum	60 + farmer's 120+Acre Area of Agri land can be Irrigated	2	Recharge Borewell	21	Reduce Salinity ingress, and preventing water run	150+ farmer's 260+ Acre Area of Agri land for Irrigated	3	Pipe Culvert at Checkdam at Bhujpur	1	prevent water runoff into seaside.	35 farmers' 120+Acre Area of Agri land can be Irrigated
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Sr. No.	Conditions	Compliance Status as on 31-03-2024
		<p>farmers.</p> <ul style="list-style-type: none"> • New Pond Deepening Under Ajadi ka Amrut Mahotsav done in Goyarsama village Approx Deepening Capacity is 12000 Cum. • Roof Top Rainwater Harvesting 145 Nos. (40 Nos. current FY 2022-23) which is having 10,000 litre storage which is sufficient for one year drinking water purpose for 5 people family. • Recharge Borewell 208 Nos (19 Nos. current FY 2022-23) which is best ever option to direct recharge the soil. • Drip Irrigation approx. 1505 Farmers benefitted in coordination with Gujrat Green Revolution Company till date. • Bund construction on way of Nagmati River could save more than 575 MCFT water quantity which recharged in ground due to which borewell depth decreased by 50-100 Ft in Zarpara, Bhujpur and Navinal Vadi Vistar. • Pond Pipeline work at Prasla Vistar Zarpara which increase recharge capacity more than 25% in 100 hector area. • Check dam gate valve construction at Bhujpur which controlled more than 350 MCFT water to go into sea and get recharged current year. <p>Please refer Annexure – 4 for full details of CSR activities carried out by Adani Foundation in the Mundra region. Budget for CSR Activity for the FY 2023-24 is to the tune of INR 953.50 lakh. Out of which, Approx. INR 940.52 lakh is spent in FY 2023-24.</p>
36.	The Municipal Solid Waste (MSW) shall be properly collected and segregated at source and it shall be disposed as per the guidelines of the MSW Rules 2000, as may be amended time to time. The dried biomass from the STP will be used as manure in gardening / plantation.	<p>Complied.</p> <p>A well-established system for Municipal Solid Waste (MSW) management is in place.</p> <p>Municipal solid waste collection from AMSIPL area is being done on daily bases. Collected dry waste is being transported to APSEZ Material Recovery Facility (MRF) where it is being sorted out in different streams e.g. paper/plastic/cardboard/glass/metal. These sorted wastes are further transported for recycling, whereas remaining non-recyclable waste is bailed and sent to cement plant (M/s. Ambuja Cement Ltd., Kodinar) for Co-processing as RDF (Refused Derived Fuel).</p> <p>Food / Organic Waste generated from AMSIPL premises is being diverted to Organic Waste Converter and Biogas plant installed within APSEZ premises for converting food / organic waste in to manure and / or biogas. Generated manure is being utilized by horticulture department in green belt area and biogas is being utilized in kitchen area for cooking food.</p>

Sr. No.	Conditions	Compliance Status as on 31-03-2024
		Total 500.32 MT organic / food waste generated from entire APSEZ, Mundra was processed for converting in to reach manure and biogas during the compliance period i.e. Oct'23 to Mar'24 and utilized within APSEZ area. Dry waste collection drive including plastic free drive and waste segregation drive is being organised on regularly basis.
37.	The Bio-medical Waste (BMW) shall be disposed as per guidelines of BMW rules 1998 as may be amended from time to time.	<p>Complied.</p> <p>Multispecialty hospital has taken the necessary approvals from GPCB for the disposal of Bio Medical Waste. Total 3.72 MT of bio medical waste was disposed from Adani hospital to Common Bio Medical Waste Treatment facility of M/s Updated Distromed Kutch Services Pvt. Ltd., Bhuj during the compliance period i.e. Oct'23 to Mar'24 at the frequency of once in two days. Logbook showing the record of Bio-medical Waste collection for the month Marc'24 is attached as Annexure – 5.</p> <p>Multispecialty hospital has taken BMW Authorization from the GPCB. The copy of BMW Authorization was submitted during the last compliance period Apr'22 to Sep'22.</p>
38.	Hazardous wastes, if any generated during the operation phase shall be handled as per the Hazardous Waste (Management, Handling & Transboundary Movement) Rules 2008, as may be amended from time to time.	<p>Point Noted.</p> <p>No hazardous waste was generated during the compliance period of Oct'23 to Mar'24.</p> <p>If any hazardous waste generation in future, it will be disposed through authorised agency only as per Hazardous Waste Rules – 2016.</p> <p>M/s. Adani Mundra SEZ Infrastructure Pvt. Ltd, (AMSIPL) has been granted the CC&A-Renewal by GPCB vide Consent No. AWH-121264 issued dated 06/09/2022 and Valid upto: 02/09/2027. The copy of CCA – Renewal order was submitted during the previous compliance period Apr'22 to Sep'22.</p>
39.	54,600 sq.m. area shall be earmarked for the parking purpose as proposed. The area earmarked for the parking shall be used for parking only. No other activity shall be permitted in this area.	<p>Complied.</p> <p>Construction work for the project is partially completed.</p> <p>Entire parking area is earmarked for parking as per National Building Code requirement within township premises. This parking is used for said purpose only.</p>

Sr. No.	Conditions	Compliance Status as on 31-03-2024
40.	Necessary signage including continuous display of status of parking availability at entry, exit and all other appropriate places shall be provided which should have appropriate size of letters and shall be visible from the at least 50 meter distance from the adjacent road.	Complied. Parking area is earmarked as per National Building Code requirement. Trained security guards are deputed round the clock to guide/help for entry, exit and parking. Continuous display regarding status of parking availability will be installed once project is in full-fledged operation.
41.	No public space shall be used or blocked for the parking and the trained staff shall be deployed to guide the visitors for parking and helping the senior citizens and physically challenged people	Complied. Adequate parking area has been provided as per National Building Code. Trained security guards are available round the clock to guide/help for entry, exit and parking to senior citizens and physically challenged people.
42.	Traffic congestion near the entry and exit points from the roads adjoining the proposed project site must be avoided.	Complied. Separate entry and exits have been provided at main gate with architectural divider for proper traffic management. Appropriate arrangements are made for emergency situations.
43.	Common utilities like drinking water facility, toilets etc shall be provided on each floor with adequate signage thereof. Adequate distance shall be maintained between the drinking water and toilet blocks.	Complied. Common utilities like drinking water facility, toilets etc. are provided at Adani Hospital and commercial building with adequate distance between drinking water & toilet facilities.
44.	The green belt shall be developed in 50 Hectares area in terms of peripheral green belt around the project site, road side plantation and green belt on either side of the Bhukhi river. The project proponent shall plant at least 20,000 trees in green belt, as proposed. The open spaces	Complied. AMSIPL has developed 58.26 ha area as green belt with plantation of 75,556 saplings in AMSIPL premises. The open spaces inside the social infrastructure project are suitably landscaped and covered with green lawn and other vegetation. So, far APSEZ has developed 458 ha. area as greenbelt with plantation more than 9.06 Lacs saplings within the APSEZ area. Details of the green belt development activity done by APSEZL, Mundra are attached as Annexure – 6 .

Sr. No.	Conditions	Compliance Status as on 31-03-2024												
	inside the social infrastructure project shall be suitably landscape and covered with vegetation of indigenous variety.													
45.	The area earmarked as green area shall be used only for green belt and shall not be altered for any other purpose. The fund earmarked for green belt development shall not be diverted for any other purpose.	<p>Complied.</p> <p>The area earmarked as green area is used only for green belt and not altered for any other purpose. Separate budget for the horticulture department is earmarked every year.</p> <p>Horticulture Department's budget for the financial year 2023-24 has been fully utilized, amounting to INR 904 lakhs. Approximately INR 904 lakh was spent specifically during this fiscal year 2023-24. Further details regarding green belt development are provided in condition no. 44 above.</p>												
46.	The project proponent shall explore the application of solar energy and shall be incorporated for the illumination of common areas, lighting of internal roads and passages in addition to solar water heating, if any.	<p>Complied.</p> <p>Solar power system of 1.5 MW at roof top of residential blocks of Samudra Township and 69 KW at Adani Hospital has been installed and commissioned. Information has been already submitted to MoEF&CC along with Half Yearly Compliance Report Apr'16 to Sep'16.</p> <p>Total 1067.408 MWH of solar power generated and supplied to the grid energy during compliance period i.e. Oct'23 to Mar'24.</p>												
47.	The acoustic enclosures shall be installed at all noise generating equipments and the noise level shall be maintained as per the MoEF / CPCB guidelines / norms both during day and night time.	<p>Complied.</p> <p>D.G. Sets having acoustic enclosures are provided as stand-by and used in case of main power failure only. However, regular noise monitoring is being carried out.</p> <p>Noise (once in a month) monitoring is being carried out by NABL and MoEF&CC accredited agency namely M/s. Unistar Environment and Research Labs Pvt. Ltd., Vapi. Summary of the same for duration of Oct'23 to Mar'24 is mentioned below.</p> <p>Total Sampling Locations & Frequency: 2 Nos. (Monthly)</p> <table border="1" data-bbox="641 1835 1455 1919"> <thead> <tr> <th>Noise</th> <th>Unit</th> <th>Leq Min</th> <th>Leq Max</th> <th>Leq Average</th> <th>Leq Perm. Limit^{\$}</th> </tr> </thead> <tbody> <tr> <td> </td> <td> </td> <td> </td> <td> </td> <td> </td> <td> </td> </tr> </tbody> </table>	Noise	Unit	Leq Min	Leq Max	Leq Average	Leq Perm. Limit ^{\$}						
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Sr. No.	Conditions	Compliance Status as on 31-03-2024					
				Day Time	dB(A)	57.50	69.40
		Night Time	dB(A)	54.30	64.30	59.44	70
		§ as per CC&A granted by GPCB					
		Please refer Annexure – 3 for detailed analysis reports. Approx. INR 13.37 Lakh is spent for all environmental monitoring activities during FY 2023-24 for overall APSEZ, Mundra.					
48.	The project proponent shall install the electric appliances, which are energy efficient and meeting with the Bureau of Energy Efficiency norms, wherever applicable.	Complied. Energy Conservation through Installation of Motion Sensor (Occu switch) & AC Temp. Controls in buildings are provided. AMSIPL has installed the electric appliances which meets the Energy Efficiency norms.					
49.	The energy audit shall be conducted at regular interval for the project and the recommendations of the audit report shall be implemented with spirit.	Complied. An Energy audit is conducted once in every three years. The most recent audit was conducted from 18 th to 20 th January' 2022 by M/s. ECO ENERGY SOLUTION. The Energy audit report for Samudra Township was submitted during the previous compliance period from Apr'22 to Sep'22.					
50.	The roof should meet regulatory requirement as per Energy Conservation Building Code by using appropriate thermal insulation material to fulfil requirements.	Complied. Energy Conservation Building Code is considered during the development of buildings.					
51.	Use of glass shall be minimal to reduce the electricity consumption and load on air-conditioning.	Complied. Minimal glass is used in air conditioning areas to reduce electricity consumption and load on air-conditioning.					
52.	Risk estimation shall be carried out for the project and disaster management plan shall be prepared and its recommendations shall be implemented in the time bound manner.	Complied. Emergency Response Plan was prepared by Trivedi & Associates Technical Services Pvt. Ltd in August 2015 for AMSIPL which included risk estimation for medical emergency, fire emergency, natural calamities. Detail submitted to the MoEF & CC along with half yearly compliance					

Sr. No.	Conditions	Compliance Status as on 31-03-2024														
		<p>report for the period from Apr – 2015 to Sep – 2015.</p> <p>Various plans as fire service plan, communication plan, mutual aid plan, and evacuation plan are implemented to combat with emergency situations.</p>														
53.	<p>The raw water sumps will be equipped with suction differential head / partition so as to insure that minimum 500 KL water shall remain reserved as fire water as proposed.</p>	<p>Complied.</p> <p>250 KL of fire water is reserved with fire hydrant system for Adani hospital. Approximately 400 KL water is available in 6 different water tanks at various sectors of Samudra Township. In total, more than 500 KL water is reserved as fire water at AMSIPL.</p>														
54.	<p>Necessary emergency lighting system along with emergency power back up system shall be provided. In addition, emergency public address system arrangement and signage for emergency exit route shall be provided on each floor.</p>	<p>Complied.</p> <p>Power is supplied through M/s MPSEZ Utilities Limited to the project site.</p> <p>Power failure is the rarest situation in the area and in case of such emergency, there is provision of 125 KVA D.G. set at Samudra Township and 500 KVA D.G. set at Adani Hospital.</p> <p>Public address system is available with the security staff in the vicinity.</p> <p>Emergency contact is display each block as below</p> <table border="1" data-bbox="618 1335 1344 1577"> <tbody> <tr> <td>Security control</td> <td>8980048877</td> </tr> <tr> <td>Township Security control</td> <td>8980015046</td> </tr> <tr> <td>Medical Adani hospital reception</td> <td>2838-619555</td> </tr> <tr> <td>Medical Emergency Number -</td> <td>2838-619667</td> </tr> <tr> <td>Medical Emergency mobile Number</td> <td>7574848413</td> </tr> <tr> <td>Fire control room-</td> <td>2838-255801</td> </tr> <tr> <td>Fire control room mob.</td> <td>9879114996</td> </tr> </tbody> </table>	Security control	8980048877	Township Security control	8980015046	Medical Adani hospital reception	2838-619555	Medical Emergency Number -	2838-619667	Medical Emergency mobile Number	7574848413	Fire control room-	2838-255801	Fire control room mob.	9879114996
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55.	<p>Necessary auto glow, signage at all appropriate places shall be provided to guide the people towards exits and assembly points during the unforeseen emergency and eventuality</p>	<p>Complied.</p> <p>Auto glow signage is provided at adequate locations to provide guidance to the people towards exits. Also, the township & Adani Hospital is under security guard surveillance to combat with unforeseen emergency conditions. Photograph showing the auto glow signages were submitted along with compliance report submission for the duration of Oct'16 to Mar'17.</p>														

Sr. No.	Conditions	Compliance Status as on 31-03-2024																								
	conditions.	Photographs showing the emergency signages were submitted along with EC Compliance report for the period Apr'19 to Sep'19.																								
56.	Training to the staff for the First Aid and Fire Fighting Alarm with regular mock drill shall be conducted regularly and shall be made in integral part of the disaster management plan of the project.	<p>Complied.</p> <p>For first aid situations a First Aid centre is provided at Samudra Township. Multispecialty Hospital is part of the project activity which can be utilised for medical emergencies.</p> <p>Regular mock drill and fire training is also being conducted at project site. Home fire safety awareness, Kitchen Safety and firefighting training was conducted in township in April 2024. Please refer Annexure – 7 for fire training and awareness details.</p>																								
57.	Ozone Depleting Substance (Regulation and Control) rules shall be followed while designing the air conditioning system of the project.	<p>Complied.</p> <p>Ozone Depleting Substance inventory was produced and is maintained during the compliance period of Oct'18 to Mar'19. New gas being used in refilling of ACs is ozone friendly in nature.</p>																								
58.	Environment Management Cell shall be formed by the project proponent during operation phase which will supervise and monitor the environment related aspects of the project including incremental pollution loads on the ambient air quality, noise and water quality periodically till the management of the project remains with the project proponent.	<p>Complied.</p> <p>APSEZL has a well-structured Environment Management Cell, staffed with qualified manpower for implementation of the Environment Management Plan at site. Site environment team direct report to site Chief Executive Officer (CEO) and the CEO directly reports to the top management. Updated Environment Management Cell Organogram is attached as Annexure 1.</p> <p>Ambient Air Quality (twice in a week) and Noise (once in a month) monitoring are being carried out by NABL and MoEF&CC accredited agency namely M/s. Unistar Environment and Research Labs Pvt. Ltd., Vapi. Summary of the same for duration from Oct'23 to Mar'24 is mentioned below.</p> <p>Total Sampling Locations & Frequency: 2 Nos.</p> <table border="1" data-bbox="618 1728 1455 1934"> <thead> <tr> <th>Parameter</th> <th>Unit</th> <th>Min</th> <th>Max</th> <th>Average</th> <th>Perm. Limit^s</th> </tr> </thead> <tbody> <tr> <td colspan="6" style="text-align: center;">AAQM</td> </tr> <tr> <td>PM₁₀</td> <td>µg/m³</td> <td>56.24</td> <td>85.89</td> <td>72.23</td> <td>100</td> </tr> <tr> <td>PM_{2.5}</td> <td>µg/m³</td> <td>17.72</td> <td>26.79</td> <td>22.86</td> <td>60</td> </tr> </tbody> </table>	Parameter	Unit	Min	Max	Average	Perm. Limit ^s	AAQM						PM ₁₀	µg/m ³	56.24	85.89	72.23	100	PM _{2.5}	µg/m ³	17.72	26.79	22.86	60
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Sr. No.	Conditions	Compliance Status as on 31-03-2024					
		SO ₂	µg/m ³	9.12	16.83	13.20	80
NO ₂	µg/m ³	11.86	21.64	17.44	80		
Noise	Unit	Leq Min	Leq Max	Leq Average	Leq Perm. Limit*		
Day Time	dB(A)	57.50	69.40	64.39	75		
Night Time	dB(A)	54.30	64.30	59.44	70		
<p style="text-align: right;">[§] as per NAAQ standards, 2009 * as per CC&A granted by GPCB</p> <p>Please refer Annexure – 3 for detailed analysis reports. Approx. INR 13.37 Lakh is spent for all environmental monitoring activities during FY 2023-24 for overall APSEZ, Mundra.</p>							
B. General Conditions							
59.	The project proponent shall permit the outside people to use the social infrastructures like hospital, schools, colleges etc. coming up in the proposed project, as per their undertaking dated 21/07/2009.	<p>Complied.</p> <p>Outside people are allowed to use the social infrastructures like hospital and school.</p> <p>Total 1150 patients including OPD (Outpatient Department) as well IPD (In-Patient Department) from nearby villages were treated in the Hospital during this compliance period. Approx. INR 8.23 Lakh worth of free medical services given to nearby villagers during the compliance period Oct'23 to Mar'24.</p>					
60.	Various provisions of the Environment (Protection) Act, 1986 and the Rules / Notifications issued there under by the Ministry of Environment and Forest, Govt. of India, from time to time shall be strictly complied with.	Point noted.					
61.	No further expansion or modification in the plant shall be carried out without prior approval of the MoEF/SEIAA as the case may be. In case of deviations or alterations in the project	Point noted.					

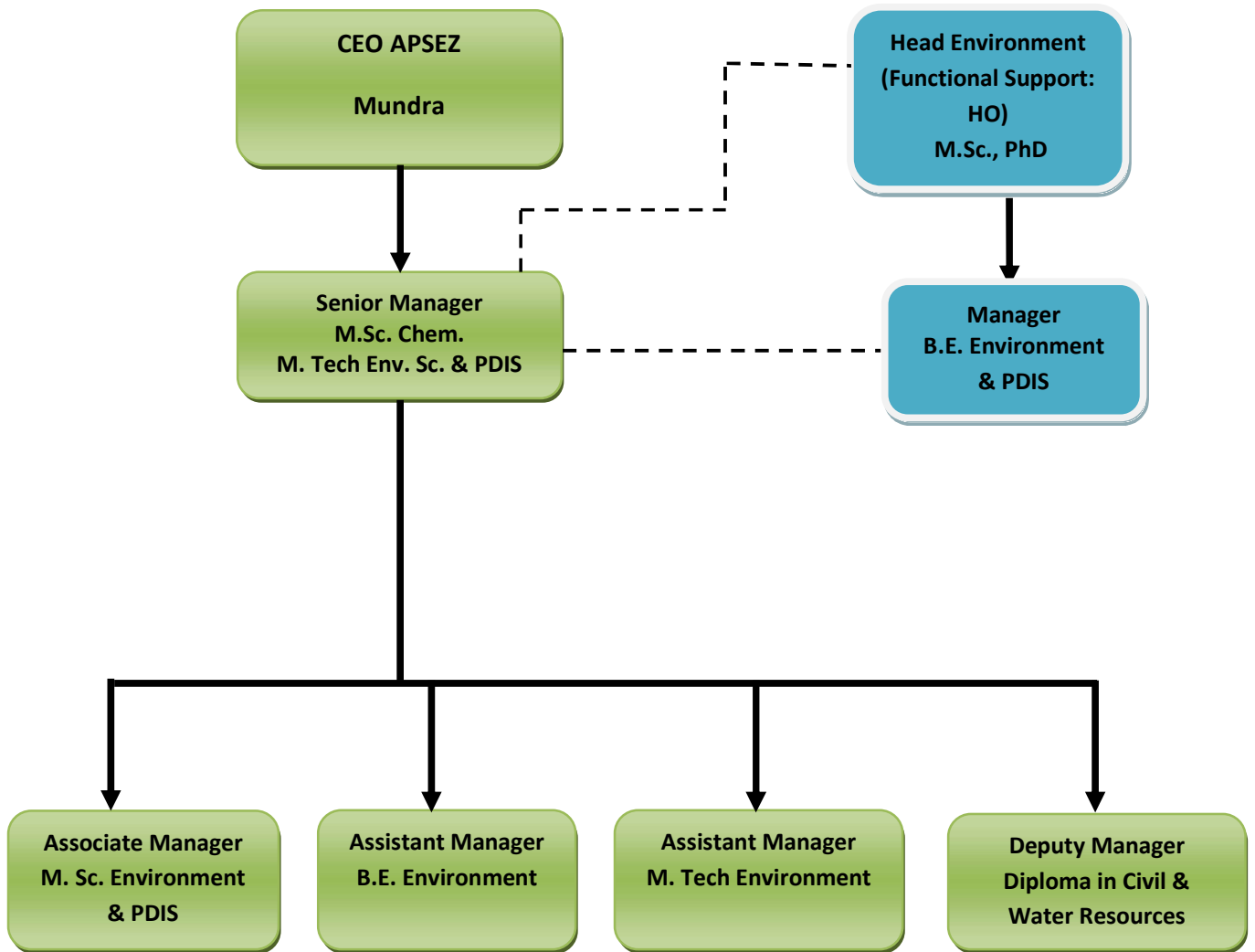
Sr. No.	Conditions	Compliance Status as on 31-03-2024
	proposal from those submitted to MoEF / SEIAA / SEAC for clearance, a fresh reference shall be made to the SEIAA / SEAC to assess the adequacy of conditions imposed and to add additional environmental protection measures required, if any.	
62.	The project authorities shall earmark adequate funds to implement the conditions stipulated by SEIAA as well as GPCB along with the implementation schedule for all the conditions stipulated herein. The funds so provided shall not be diverted for any other purpose.	<p>Complied.</p> <p>Separate budget for the Environment cell is earmarked every year. All environmental and horticulture activities are considered at group level and budget allocation is also done accordingly.</p> <p>Budget for environmental management measures (including horticulture) for the FY 2023-24 is to the tune of INR 1536.48 lakh. Out of which, Approx. INR 1366.78 lakh is spent during the year FY 2023-24. Detailed breakup of the expenditures for the past 3 years is attached as Annexure – 8.</p>
63.	The applicant shall inform the public that the project has been accorded Environmental Clearance by the SEIAA and i.e. copies of the clearance letter are available with the GPCB and may also be seen at the website of SEIAA / SEAC / GPCB. This shall be advertised within seven days from the date of the clearance letter, in at least two local newspaper that are widely circulated in the region, one of which shall be in the Gujarati language and the other in English. A copy each of the same shall be forwarded to the concerned regional office of the	<p>Already complied. Not applicable at present.</p> <p>The advertisement was circulated in Gujarati language through local newspaper – Kutchh Mitra as well as in English language through local newspaper – Indian Express on the date of 10.03.2010.</p> <p>Information has been already submitted to MoEF & CC along with half yearly compliance report April – 2015 to Sep – 2015.</p>

Sr. No.	Conditions	Compliance Status as on 31-03-2024																					
	Ministry.																						
64.	It shall be mandatory for the project management to submit half yearly compliance report in respect of the stipulated prior Environmental Clearance terms and conditions in hard and soft copies to the regulatory authority concerned, on 1 st June and 1 st December of each calendar year.	<p>Complied.</p> <p>Compliance report of EC conditions is uploaded regularly. Last compliance report including results of monitoring data for the period of Apr'23 to Sept'23 was submitted to Integrated Regional Office (IRO), MoEF&CC @ Gandhinagar, Zonal Office of CPCB @ Baroda, GPCB @ Gandhinagar & Gandhidham and SEIAA, Gandhinagar vide our letter dated 28.11.2023. Copy of the same is also available on our web site https://www.adaniports.com/ports-downloads. A soft copy of the same was also submitted through e-mail on 29.11.2023 to all the concern authorities. Please refer below for the details regarding past six compliance submissions.</p> <table border="1" data-bbox="646 940 1430 1178"> <thead> <tr> <th data-bbox="646 940 776 976">Sr. No.</th> <th data-bbox="776 940 1079 976">Compliance period</th> <th data-bbox="1079 940 1430 976">Date of submission</th> </tr> </thead> <tbody> <tr> <td data-bbox="646 976 776 1012">1</td> <td data-bbox="776 976 1079 1012">Oct'20 to Mar'21</td> <td data-bbox="1079 976 1430 1012">25.05.2021</td> </tr> <tr> <td data-bbox="646 1012 776 1047">2</td> <td data-bbox="776 1012 1079 1047">Apr'21 to Sep'21</td> <td data-bbox="1079 1012 1430 1047">30.11.2021</td> </tr> <tr> <td data-bbox="646 1047 776 1083">3</td> <td data-bbox="776 1047 1079 1083">Oct'21 to Mar'22</td> <td data-bbox="1079 1047 1430 1083">30.05.2022</td> </tr> <tr> <td data-bbox="646 1083 776 1119">4</td> <td data-bbox="776 1083 1079 1119">Apr'22 to Sep'22</td> <td data-bbox="1079 1083 1430 1119">30.11.2022</td> </tr> <tr> <td data-bbox="646 1119 776 1155">5</td> <td data-bbox="776 1119 1079 1155">Oct'22 to Mar'23</td> <td data-bbox="1079 1119 1430 1155">30.05.2023</td> </tr> <tr> <td data-bbox="646 1155 776 1178">6</td> <td data-bbox="776 1155 1079 1178">Apr'23 to Sep'23</td> <td data-bbox="1079 1155 1430 1178">29.11.2023</td> </tr> </tbody> </table>	Sr. No.	Compliance period	Date of submission	1	Oct'20 to Mar'21	25.05.2021	2	Apr'21 to Sep'21	30.11.2021	3	Oct'21 to Mar'22	30.05.2022	4	Apr'22 to Sep'22	30.11.2022	5	Oct'22 to Mar'23	30.05.2023	6	Apr'23 to Sep'23	29.11.2023
Sr. No.	Compliance period	Date of submission																					
1	Oct'20 to Mar'21	25.05.2021																					
2	Apr'21 to Sep'21	30.11.2021																					
3	Oct'21 to Mar'22	30.05.2022																					
4	Apr'22 to Sep'22	30.11.2022																					
5	Oct'22 to Mar'23	30.05.2023																					
6	Apr'23 to Sep'23	29.11.2023																					
s65.	The project authorities shall also adhere to the stipulations made by the Gujarat Pollution Control Board.	Point noted.																					
66.	The project authorities shall inform the GPCB, regional office of MoEF and SEIAA about the date of financial closure and final approval of the project by the concerned authorities and the date of start of the project.	Complied																					
67.	The SEIAA may revoke or suspend the clearance, if implementation of any of the above conditions is not found satisfactory.	Point noted.																					
68.	The company in a time bound manner shall	Complied.																					

Sr. No.	Conditions	Compliance Status as on 31-03-2024
	implement these conditions. The SEIAA reserves the right to stipulate additional conditions, if the same is found necessary. The above conditions will be enforced inter-alia under the provisions of the water (Prevention and Control of Pollution) Act, 1974, Air (Prevention and Control of Pollution) Act, 1981, the environment (Protection) Act, 1986, Hazardous Wastes (Management and Handling) Rules 2003 and the Public Liability Insurance Act, 1991 along with their amendments and rules.	The company has implemented the provided conditions, and the compliance report is being submitted regularly. Please refer Condition No. 64 for further details.
69.	This environmental clearance is valid for five years from the date of issue.	Point noted.
	Additional condition – (amendment to Environment Clearance Order No. SEIAA/GUJ/EC/8(b)/44/2010 dated 20 February 2010	
--	The applicant shall carry out comparative carbon footprint study of low rise building with large ground coverage v/s high rise building with low ground coverage through reputed institute like CEPT or GIDR and submitted to SEIAA within one year from the issuance of EC.	Complied. Comparative carbon footprint study report submitted to the MoEF & CC along with half yearly compliance report Oct – 2014 to March – 2015.

Annexure – 1

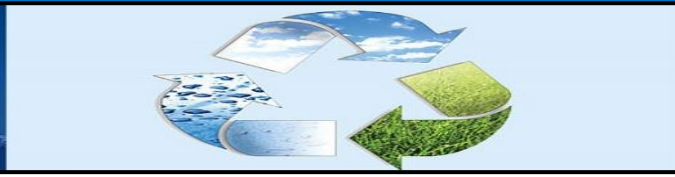
Updated Organogram of Environment Management Cell, APSEZ, Mundra



Annexure – 2

Water Consumption and Wastewater Generation Details for AMSIPL (Oct'23 to Mar'24)			
Month	Fresh Water Consumption (Samudra Township, KL	Total STP Inlet Water (Samudra Township + Adani Hospital+ Mundra Town), KL	Total STP Outlet Water, KL
Oct-23	34330	29680	31145
Nov-23	29865	26649	28010
Dec-23	31484	27886	25445
Jan-24	33085	28560	21722
Feb-24	29265	30458	29358
Mar-24	132425	41958	41881
Total	290454	185191	177561
Avg. Per Day	1587.18	1011.97	970.28
Sewage Received at Samudra Township STP (Oct'23 to Mar'24)			
Month	Samudra Township, KL	Adani Hospital, KL	Mundra Town, KL
Oct-23	26610	225	2845
Nov-23	22635	122	3892
Dec-23	25861	275	1750
Jan-24	24498	234	3828
Feb-24	21540	369	8549
Mar-24	29013	361	12584
Total	150157	1586	33448
Avg. Per Day	820.53	8.67	182.78

Annexure – 3



“Half Yearly Environmental Monitoring Reports “

For,



M/S. ADANI MUNDRA SEZ INFRASTRUCTURE PVT. LTD. (AMSIPL)

PLOT NO/Survey No. 141 (Part), Village – Mundra, Tal.: Mundra, Dist. – Kutch.

Monitoring Period: October – 2023 to March - 2024

Submitted By



UniStar Environment & Research Labs Pvt. Ltd.

White House, Near GIDC Office, Char Rasta, Vapi, Gujarat, India – 396195



RESULTS OF STP OUTLET WATER

SR.NO.	TEST PARAMETERS	UNIT	SAMUNDRA TOWNSHIP STP OUTLET						GPCB Permissible Limit	TEST METHOD
			Oct-23		Nov-23		Dec-23			
			09-10-2023	23-10-2023	07-11-2023	22-11-2023	07-12-2023	26-12-2023		
1	pH @ 25 ° C	--	7.29	7.44	7.21	7.44	7.38	7.44	6.5 to 9	APHA 23 rd Ed.,2017,4500-H ⁺ B
2	Total Suspended Solids	mg/L	18	20	20	18	18	20	100	APHA 23 rd Ed.,2017,2540-D
3	Biochemical Oxygen Demand (BOD) (5 days at 20 ° C)	mg/L	16	15.5	16.3	16	16	16	30	APHA 23 rd Ed.,2017,5210-B 5-6
4	Residual chlorine	mg/L	0.82	0.78	0.74	0.82	0.84	0.83	0.5 Min.	APHA 23 rd Ed.,2017,4500-CI-B
5	Fecal Coliform	MPN Index/100ml	90	90	90	90	90	90	1000	IS 1622: 1981

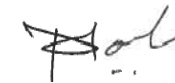
Continue...

RESULTS OF STP OUTLET WATER

SR.NO.	TEST PARAMETERS	UNIT	SAMUNDRA TOWNSHIP STP OUTLET						GPCB Permissible Limit	TEST METHOD
			Jan-24		Feb-24		Mar-24			
			12-01-2024	27-01-2024	10-02-2024	26-02-2024	07-03-2024	18-03-2024		
1	pH @ 25 ° C	--	7.34	7.33	7.42	7.35	7.38	7.44	6.5 to 9	APHA 23 rd Ed.,2017,4500-H ⁺ B
2	Total Suspended Solids	mg/L	18	18	20	18	20	18	100	APHA 23 rd Ed.,2017,2540-D
3	Biochemical Oxygen Demand (BOD) (5 days at 20 ° C)	mg/L	16.5	15.9	16.4	16.6	15.5	16.4	30	APHA 23 rd Ed,2017,5210-B 5-6
4	Residual chlorine	mg/L	0.82	0.83	0.82	0.84	0.75	0.78	0.5 Min.	APHA 23 rd Ed.,2017,4500-Cl-B
5	Fecal Coliform	MPN Index/100ml	90	90	110	90	70	80	1000	IS 1622: 1981



Mr. Nilesh Patel
Sr. Chemist

Mr. Nitin Tandel
Technical Manager

Results of Ambient Air Quality Monitoring

Name of Location		SAMUDRA TOWNSHIP – STP											
Sr. No.	Date of Monitoring	Parameter with Results											
		PM ₁₀ µg/m ³	PM _{2.5} µg/m ³	SO ₂ µg/m ³	NO ₂ µg/m ³	CO mg/m ³	NH ₃ µg/m ³	Ozone µg/m ³	Pb µg/m ³	Ni ng/m ³	As ng/m ³	Benzene µg/m ³	B(a)P ng/m ³
1.	02-10-2023	83.72	23.63	12.20	15.84	NOT DETECTED	NOT DETECTED	<5.0	NOT DETECTED	NOT DETECTED	NOT DETECTED	NOT DETECTED	NOT DETECTED
2.	05-10-2023	85.89	25.42	13.54	17.42	--	--	--	--	--	--	--	--
3.	09-10-2023	79.25	26.58	14.66	17.73	--	--	--	--	--	--	--	--
4.	12-10-2023	82.64	24.83	14.36	18.21	--	--	--	--	--	--	--	--
5.	16-10-2023	85.38	22.45	12.80	17.36	--	--	--	--	--	--	--	--
6.	19-10-2023	78.61	26.5	14.40	17.18	--	--	--	--	--	--	--	--
7.	23-10-2023	80.24	24.63	13.75	18.52	--	--	--	--	--	--	--	--
8.	26-10-2023	84.76	22.35	12.61	15.47	--	--	--	--	--	--	--	--
9.	30-10-2023	81.83	22.24	12.42	16.94	--	--	--	--	--	--	--	--
10.	02-11-2023	76.48	20.65	10.80	14.96	--	--	--	--	--	--	--	--
11.	06-11-2023	80.52	22.28	11.42	16.95	--	--	--	--	--	--	--	--
12.	09-11-2023	82.29	23.88	12.45	17.64	--	--	--	--	--	--	--	--
13.	13-11-2023	79.11	21.75	11.49	16.22	--	--	--	--	--	--	--	--
14.	16-11-2023	76.73	20.42	10.79	15.86	--	--	--	--	--	--	--	--
15.	20-11-2023	80.82	22.54	10.98	16.37	--	--	--	--	--	--	--	--
16.	23-11-2023	83.57	24.11	12.48	17.14	--	--	--	--	--	--	--	--

Continue...

Name of Location		SAMUDRA TOWNSHIP – STP											
Sr. No.	Date of Monitoring	Parameter with Results											
		PM10 µg/m ³	PM2.5 µg/m ³	SO2 µg/m ³	NO2 µg/m ³	CO mg/m ³	NH3 µg/m ³	Ozone µg/m ³	Pb µg/m ³	Ni ng/m ³	As ng/m ³	Benzene µg/m ³	B(a)P ng/m ³
17.	27-11-2023	81.95	22.68	11.74	16.93	--	--	--	--	--	--	--	--
18.	30-11-2023	78.57	21.86	10.77	15.28	--	--	--	--	--	--	--	--
19.	04-12-2023	83.21	24.56	13.19	17.21	--	--	--	--	--	--	--	--
20.	07-12-2023	82.64	23.48	12.85	16.35	--	--	--	--	--	--	--	--
21.	11-12-2023	80.19	21.87	10.62	14.8	--	--	--	--	--	--	--	--
22.	14-12-2023	81.47	22.16	11.05	15.26	--	--	--	--	--	--	--	--
23.	18-12-2023	76.82	19.51	9.82	13.39	--	--	--	--	--	--	--	--
24.	21-12-2023	78.29	20.76	10.59	14.83	--	--	--	--	--	--	--	--
25.	25-12-2023	74.94	17.72	9.12	12.86	--	--	--	--	--	--	--	--
26.	28-12-2023	75.86	18.64	9.92	13.03	--	--	--	--	--	--	--	--
27.	01-01-2024	78.64	20.18	9.98	13.86	NOT DETECTED	<5.0	<5.0	NOT DETECTED	NOT DETECTED	NOT DETECTED	NOT DETECTED	NOT DETECTED
28.	04-01-2024	81.29	21.64	10.36	14.87	--	--	--	--	--	--	--	--
29.	08-01-2024	84.56	23.58	11.00	15.21	--	--	--	--	--	--	--	--
30.	11-01-2024	80.17	20.88	10.18	13.59	--	--	--	--	--	--	--	--
31.	15-01-2024	82.94	22.39	11.12	14.88	--	--	--	--	--	--	--	--
32.	18-01-2024	84.67	23.56	11.89	15.10	--	--	--	--	--	--	--	--
33.	22-01-2024	80.84	24.16	12.06	16.13	--	--	--	--	--	--	--	--

Continue...

Name of Location		SAMUDRA TOWNSHIP – STP											
Sr. No.	Date of Monitoring	Parameter with Results											
		PM10 µg/m ³	PM2.5 µg/m ³	SO2 µg/m ³	NO2 µg/m ³	CO mg/m ³	NH3 µg/m ³	Ozone µg/m ³	Pb µg/m ³	Ni ng/m ³	As ng/m ³	Benzene µg/m ³	B(a)P ng/m ³
34.	25-01-2024	82.53	22.71	11.57	15.47	--	--	--	--	--	--	--	--
35.	29-01-2024	79.37	20.19	10.53	14.91	--	--	--	--	--	--	--	--
36.	01-02-2024	82.16	22.52	11.35	13.84	--	--	--	--	--	--	--	--
37.	05-02-2024	79.48	20.61	10.13	12.43	--	--	--	--	--	--	--	--
38.	08-02-2024	75.82	19.12	9.94	11.86	--	--	--	--	--	--	--	--
39.	12-02-2024	84.91	23	11.65	13.95	--	--	--	--	--	--	--	--
40.	15-02-2024	78.36	19.84	9.85	12.21	--	--	--	--	--	--	--	--
41.	19-02-2024	81.49	20.94	11.2	13.57	--	--	--	--	--	--	--	--
42.	22-02-2024	83.62	22.75	11.72	13.88	--	--	--	--	--	--	--	--
43.	26-02-2024	76.91	19.11	9.82	12.13	--	--	--	--	--	--	--	--
44.	29-02-2024	80.53	20.56	10.49	13.35	--	--	--	--	--	--	--	--
45.	04-03-2024	75.39	18.12	9.74	15.86	--	--	--	--	--	--	--	--
46.	07-03-2024	81.62	20.35	11.42	17.75	--	--	--	--	--	--	--	--
47.	11-03-2024	78.46	18.84	10.68	16.49	--	--	--	--	--	--	--	--
48.	14-03-2024	80.85	19.62	9.47	18.45	--	--	--	--	--	--	--	--
49.	18-03-2024	84.38	20.91	10.52	17.87	--	--	--	--	--	--	--	--
50.	21-03-2024	76.59	18.28	10.89	15.40	--	--	--	--	--	--	--	--

Continue...

MoEF&CC (GOI) Recognized Environmental Laboratory under the EPA-1986 (31.03.2023 to 22.09.2024)

QCI-NABET Accredited EIA & GW Consultant Organization

GPCB Recognized Environmental Auditor (Schedule-II)

ISO 9001 : 2015 Certified Company

ISO 45001 : 2018 Certified Company

Name of Location		SAMUDRA TOWNSHIP – STP											
Sr. No.	Date of Monitoring	Parameter with Results											
		PM10 µg/m ³	PM2.5 µg/m ³	SO2 µg/m ³	NO2 µg/m ³	CO mg/m ³	NH3 µg/m ³	Ozone µg/m ³	Pb µg/m ³	Ni ng/m ³	As ng/m ³	Benzene µg/m ³	B(a)P ng/m ³
51.	25-03-2024	72.64	17.85	9.53	16.11	--	--	--	--	--	--	--	--
52.	28-03-2024	76.29	18.74	11.38	18.29	--	--	--	--	--	--	--	--
Permissible Value as per NAAQMS		100.0	60.0	80.0	80.0	2.0	400	100	1	20	6	5	1
Test Method		IS - 5182, Part- 23	UERL/AIR /SOP/11	IS - 5182, Part - 2	IS - 5182, Part - 6	IS - 5182, Part - 10	UERL/AIR /SOP/05	IS - 5182, Part - 9	IS - 5182, Part - 22	IS - 5182, Part - 22	IS - 5182, Part - 22	IS - 5182, Part - 11	IS - 5182, Part - 12



Nikunj D. Patel
(Chemist)




Jaivik S. Tandel
(Manager - Operations)

Results of Ambient Air Quality Monitoring

Name of Location		SAMUDRA TOWNSHIP CUSTOMER CARE											
Sr. No.	Date of Monitoring	Parameter with Results											
		PM10 µg/m ³	PM2.5 µg/m ³	SO2 µg/m ³	NO2 µg/m ³	CO mg/m ³	NH3 µg/m ³	Ozone µg/m ³	Pb µg/m ³	Ni ng/m ³	As ng/m ³	Benzene µg/m ³	B(a)P ng/m ³
1.	02-10-2023	62.34	22.14	15.36	19.13	NOT DETECTED	<5.0	<5.0	NOT DETECTED	NOT DETECTED	NOT DETECTED	NOT DETECTED	NOT DETECTED
2.	05-10-2023	66.58	23.68	16.53	20.25	--	--	--	--	--	--	--	--
3.	09-10-2023	68.41	26.00	14.95	18.65	--	--	--	--	--	--	--	--
4.	12-10-2023	65.13	24.81	15.98	18.73	--	--	--	--	--	--	--	--
5.	16-10-2023	67.84	26.12	16.29	20.96	--	--	--	--	--	--	--	--
6.	19-10-2023	64.18	25.18	15.47	20.81	--	--	--	--	--	--	--	--
7.	23-10-2023	66.72	23.76	16.38	20.41	--	--	--	--	--	--	--	--
8.	26-10-2023	68.43	21.5	13.92	17.98	--	--	--	--	--	--	--	--
9.	30-10-2023	65.97	21.74	14.17	18.83	--	--	--	--	--	--	--	--
10.	02-11-2023	63.82	21.40	13.79	17.56	--	--	--	--	--	--	--	--
11.	06-11-2023	65.49	23.54	14.87	18.53	--	--	--	--	--	--	--	--
12.	09-11-2023	67.32	24.86	15.26	20.54	--	--	--	--	--	--	--	--
13.	13-11-2023	64.97	24.65	14.27	18.92	--	--	--	--	--	--	--	--
14.	16-11-2023	66.19	25.32	15.80	20.68	--	--	--	--	--	--	--	--
15.	20-11-2023	63.90	24.51	13.74	19.51	--	--	--	--	--	--	--	--
16.	23-11-2023	62.68	22.91	14.36	18.27	--	--	--	--	--	--	--	--

Continue...

Name of Location		SAMUDRA TOWNSHIP CUSTOMER CARE											
Sr. No.	Date of Monitoring	Parameter with Results											
		PM10 µg/m ³	PM2.5 µg/m ³	SO2 µg/m ³	NO2 µg/m ³	CO mg/m ³	NH3 µg/m ³	Ozone µg/m ³	Pb µg/m ³	Ni ng/m ³	As ng/m ³	Benzene µg/m ³	B(a)P ng/m ³
17.	27-11-2023	57.55	21.16	13.31	17.43	--	--	--	--	--	--	--	--
18.	30-11-2023	61.36	22.69	14.17	19.11	--	--	--	--	--	--	--	--
19.	04-12-2023	60.52	22.17	14.21	18.52	--	--	--	--	--	--	--	--
20.	07-12-2023	63.84	23.56	14.86	19.02	--	--	--	--	--	--	--	--
21.	11-12-2023	65.97	25.1	16.11	20.43	--	--	--	--	--	--	--	--
22.	14-12-2023	63.40	24.31	15.42	19.45	--	--	--	--	--	--	--	--
23.	18-12-2023	62.61	23.97	14.58	18.12	--	--	--	--	--	--	--	--
24.	21-12-2023	64.12	24.85	15.76	19.87	--	--	--	--	--	--	--	--
25.	25-12-2023	65.73	25.16	16.11	20.19	--	--	--	--	--	--	--	--
26.	28-12-2023	67.86	26.54	16.83	21.36	--	--	--	--	--	--	--	--
27.	01-01-2024	67.89	26.32	16.57	20.21	NOT DETECTED	<5.0	8.41	NOT DETECTED	NOT DETECTED	NOT DETECTED	NOT DETECTED	NOT DETECTED
28.	04-01-2024	64.61	25.43	14.62	18.57	--	--	--	--	--	--	--	--
29.	08-01-2024	60.13	22.43	13.98	17.96	--	--	--	--	--	--	--	--
30.	11-01-2024	62.89	23.89	14.21	19.34	--	--	--	--	--	--	--	--
31.	15-01-2024	65.46	24.57	15.86	20.57	--	--	--	--	--	--	--	--
32.	18-01-2024	67.13	26.79	16.75	21.64	--	--	--	--	--	--	--	--
33.	22-01-2024	64.37	23.81	15.26	20.46	--	--	--	--	--	--	--	--

Continue...

Name of Location		SAMUDRA TOWNSHIP CUSTOMER CARE											
Sr. No.	Date of Monitoring	Parameter with Results											
		PM10 µg/m ³	PM2.5 µg/m ³	SO2 µg/m ³	NO2 µg/m ³	CO mg/m ³	NH3 µg/m ³	Ozone µg/m ³	Pb µg/m ³	Ni ng/m ³	As ng/m ³	Benzene µg/m ³	B(a)P ng/m ³
34.	25-01-2024	66.84	25.76	16.58	21.54	--	--	--	--	--	--	--	--
35.	29-01-2024	65.92	24.93	14.26	19.18	--	--	--	--	--	--	--	--
36.	01-02-2024	64.38	25.63	15.26	19.61	--	--	--	--	--	--	--	--
37.	05-02-2024	66.14	26.59	16.41	20.13	--	--	--	--	--	--	--	--
38.	08-02-2024	62.61	24.42	14.55	18.48	--	--	--	--	--	--	--	--
39.	12-02-2024	58.49	21.96	13.57	17.85	--	--	--	--	--	--	--	--
40.	15-02-2024	63.52	24.13	14.49	18.37	--	--	--	--	--	--	--	--
41.	19-02-2024	66.16	26.37	16.31	21.14	--	--	--	--	--	--	--	--
42.	22-02-2024	62.57	23.86	14.67	19.85	--	--	--	--	--	--	--	--
43.	26-02-2024	59.61	22.18	13.94	17.63	--	--	--	--	--	--	--	--
44.	29-02-2024	64.79	24.26	15.63	20.07	--	--	--	--	--	--	--	--
45.	04-03-2024	67.18	25.29	16.10	19.42	--	--	--	--	--	--	--	--
46.	07-03-2024	64.38	23.42	13.86	17.27	--	--	--	--	--	--	--	--
47.	11-03-2024	61.29	24.42	15.38	20.15	--	--	--	--	--	--	--	--
48.	14-03-2024	64.68	23.12	15.84	19.87	--	--	--	--	--	--	--	--
49.	18-03-2024	58.73	21.82	13.45	17.63	--	--	--	--	--	--	--	--
50.	21-03-2024	62.35	23.64	15.42	20.14	--	--	--	--	--	--	--	--

Continue...

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GPCB Recognized Environmental Auditor (Schedule-II)

ISO 9001 : 2015 Certified Company

ISO 45001 : 2018 Certified Company

Name of Location		SAMUDRA TOWNSHIP CUSTOMER CARE											
Sr. No.	Date of Monitoring	Parameter with Results											
		PM10 µg/m ³	PM2.5 µg/m ³	SO2 µg/m ³	NO2 µg/m ³	CO mg/m ³	NH3 µg/m ³	Ozone µg/m ³	Pb µg/m ³	Ni ng/m ³	As ng/m ³	Benzene µg/m ³	B(a)P ng/m ³
51.	25-03-2024	59.85	22.11	14.64	19.25	--	--	--	--	--	--	--	--
52.	28-03-2024	56.24	20.85	13.72	17.36	--	--	--	--	--	--	--	--
Permissible Value as per NAAQMS		100.0	60.0	80.0	80.0	2.0	400	100	1	20	6	5	1
Test Method		IS - 5182, Part- 23	UERL/AIR /SOP/11	IS - 5182, Part - 2	IS - 5182, Part - 6	IS - 5182, Part - 10	UERL/AIR /SOP/05	IS - 5182, Part - 9	IS - 5182, Part - 22	IS - 5182, Part - 22	IS - 5182, Part - 22	IS - 5182, Part - 11	IS - 5182, Part - 12



Nikunj D. Patel
(Chemist)




Jaivik S. Tandel
(Manager - Operations)

Results of Noise Level Monitoring

Location Name		SAMUDRA TOWNSHIP – STP					
Sr. No.	Sampling Date and Time	Noise Level Leq. dB(A) - Day Time					
		14-10-2023	11-11-2023	12-12-2023	20-01-2024	14-02-2024	13-03-2024
1	06:00 to 07:00	61.7	61.3	63.1	64.2	62.9	62.9
2	07:00 to 08:00	63.9	63.4	65.7	65.6	65.8	64.3
3	08:00 to 09:00	65.4	66.7	64.5	64.5	65.7	65.7
4	09:00 to 10:00	68.1	63.3	66.1	66.1	67.8	66.2
5	10:00 to 11:00	65.7	68.2	68.2	68.4	65.3	65.3
6	11:00 to 12:00	69.4	65.4	64.7	64.7	63.9	63.8
7	12:00 to 13:00	66.3	63.9	63.9	63.9	65.7	64.7
8	13:00 to 14:00	62.9	67.1	66.5	65.7	65.9	66.7
9	14:00 to 15:00	65.4	64.7	65.9	65.7	64.3	64.3
10	15:00 to 16:00	69.1	65.5	63.7	63.8	62.6	64.1
11	16:00 to 17:00	65.5	62.7	65.1	65.1	64.8	64.8
12	17:00 to 18:00	67.1	69.2	68.7	68.5	67.1	67.4
13	18:00 to 19:00	63.5	64.3	65.2	65.3	64.1	63.9
14	19:00 to 20:00	62.8	62.3	64	65.2	66.3	65.6
15	20:00 to 21:00	65.2	60.6	62.6	63.2	62.8	63.1
16	21:00 to 22:00	63.6	61.5	60.7	61.4	62.4	61.9
Day Time		<75 dB (A)					

Continue...

Location Name		SAMUDRA TOWNSHIP – STP					
Sr. No.	Sampling Date and Time	Noise Level Leq. dB(A) – Night Time					
		14-10-2023	11-11-2023	12-12-2023	20-01-2024	14-02-2024	13-03-2024
1	22:00 to 23:00	58.2	56.9	57.2	57.6	59.1	60.5
2	23:00 to 24:00	56.7	54.3	59.8	60.1	58.6	58.6
3	24:00 to 01:00	59.9	56.5	60.2	62.5	60.3	61.2
4	01:00 to 02:00	58.9	57.3	62.9	63.8	62.7	63.4
5	02:00 to 03:00	56.3	54.8	60.7	61.2	63.2	62.4
6	03:00 to 04:00	58.7	59.2	57.9	58.9	61.4	61.4
7	04:00 to 05:00	60.5	55.1	60.3	60.3	60.5	59.7
8	05:00 to 06:00	59.5	57.4	58.9	59.7	57.3	57.5
Night Time		<70 dB (A)					

Test Method	IS: 9989 : 1981
--------------------	------------------------



Nikunj D. Patel
(Chemist)




Jaivik S. Tandel
(Manager - Operations)

Results of Noise Level Monitoring

Location Name		SAMUDRA TOWNSHIP CUSTOMER CARE					
Sr. No.	Sampling Date and Time	Noise Level Leq. dB(A) - Day Time					
		21-10-2023	18-11-2023	16-12-2023	23-01-2024	17-02-2024	16-03-2024
1	06:00 to 07:00	58.5	58.4	59.6	60.7	59.6	57.5
2	07:00 to 08:00	60.2	61.7	63.5	62.8	60.6	60.6
3	08:00 to 09:00	62.6	64.9	66.4	65.7	66.8	63.7
4	09:00 to 10:00	65.8	66.8	64.8	64.8	65.3	65.3
5	10:00 to 11:00	68.9	64.5	67.3	66.6	65.4	63.9
6	11:00 to 12:00	66.4	63.3	65.8	66.3	65.7	65.7
7	12:00 to 13:00	65.6	66.1	64.2	65.1	64.3	62.8
8	13:00 to 14:00	63.2	62.3	68.2	68.2	64.9	64.9
9	14:00 to 15:00	67.8	61.8	63.9	63.7	67.4	66.4
10	15:00 to 16:00	65.4	63.2	65.1	65.1	66.1	65.8
11	16:00 to 17:00	61.9	65.4	67.2	67.2	66.7	66.3
12	17:00 to 18:00	63.7	66.6	65.3	66.8	65.3	65.3
13	18:00 to 19:00	59.9	62.1	64.8	66.2	65.9	64.7
14	19:00 to 20:00	62.4	65.5	63.2	64.3	62.1	62.1
15	20:00 to 21:00	64.5	61.8	60.3	61.8	60.6	58.7
16	21:00 to 22:00	60.8	59.8	58.9	59.6	58.6	60.1
Day Time		<75 dB (A)					

Continue...

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Location Name		SAMUDRA TOWNSHIP CUSTOMER CARE					
Sr. No.	Sampling Date and Time	Noise Level Leq. dB(A) - Night Time					
		21-10-2023	18-11-2023	16-12-2023	23-01-2024	17-02-2024	16-03-2024
1	22:00 to 23:00	55.8	58.1	59.8	60.1	58.5	59.3
2	23:00 to 24:00	58.4	56.4	61.3	62.3	60.1	60.1
3	24:00 to 01:00	60.5	58.1	63.7	63.7	64.3	62.5
4	01:00 to 02:00	57.1	56.9	60.5	61.7	62.4	62.4
5	02:00 to 03:00	58.8	55.4	58.6	58.4	60.7	60.7
6	03:00 to 04:00	55.3	58.2	60.2	61.3	62.3	63.1
7	04:00 to 05:00	57.2	60.3	59.6	59.7	58.6	60.2
8	05:00 to 06:00	58.1	59.3	56.7	57.3	55.8	56.4
Night Time		<70 dB (A)					

Test Method	IS: 9989 : 1981
--------------------	------------------------



Nikunj D. Patel
(Chemist)




Jaivik S. Tandel
(Manager - Operations)

Results of Stack Monitoring

Sr. No.	Parameter	Unit	Nav - 2023	GPCB LIMIT	Method of Test
			Adani Hospital DG Set		
			09-11-2023		
1.	Particulate Matter	mg/Nm ³	18.54	150	IS 11255 (Part - 1)
2.	Sulphur Dioxide	ppm	7.21	100	IS 11255 (Part - 2)
3.	Oxide of Nitrogen	ppm	24.76	50	IS 11255 (Part - 7)
4.	Carbon Monoxide	mg/Nm ³	3.2	--	UERL/AIR/SOP/18
5.	Non Methyl Hydro Carbon	ppm	Not Detected	--	UERL/AIR/SOP/27



Nikunj D. Patel
(Chemist)




Jaivik S. Tandell
(Manager - Operations)

Minimum Detection Limit

Ambient Air Quality Monitoring

Sr. No.	Test Parameter	Unit	MDL
1	Particulate Matter (PM10)	µg/m ³	5 µg/m ³
2	Particulate Matter (PM2.5)	µg/m ³	5 µg/m ³
3	Sulphur Dioxide (SO ₂)	µg/m ³	4 µg/m ³
4	Nitrogen Dioxide (NO ₂)	µg/m ³	5 µg/m ³
5	Carbon Monoxide (CO)	mg/m ³	0.01 mg/m ³
6	Ammonia (NH ₃)	µg/m ³	5 µg/m ³
7	Ozone (O ₃)	µg/m ³	5 µg/m ³
8	Lead (Pb)	µg/m ³	0.5 µg/m ³
9	Nickle (Ni)	ng/m ³	1 ng/m ³
10	Arsenic (As)	ng/m ³	1 ng/m ³
11	Benzene	µg/m ³	1µg/m ³
12	Benzo(o)Pyrene	ng/m ³	0.1 ng/m ³
13	Hydro Carbon	µg/m ³	1 µg/m ³

Stack Emission Monitoring

Sr. No.	Test Parameter	Unit	MDL
1	Suspended particulate matter	mg/Nm ³	2 mg/Nm ³
2	Sulphur Dioxide SO _X	mg/Nm ³	4 mg/Nm ³
3	Oxides of Nitrogen NO _X	mg/Nm ³	5 mg/Nm ³

STP Water			
Sr. No.	Test Parameter	Unit	MDL
1	pH @ 25 ° C	--	2
2	Total Suspended Solids	mg/L	4
3	Biochemical Oxygen Demand (BOD) (5 days at 20 ° C)	mg/L	1
4	Residual chlorine	mg/L	0.1
5	Fecal Coliform	MPN Index/100ml	<2

Annexure – 4

CSR Gujarat

Kutch – Hazira – Dahej

adani
Foundation

pond deepening

A N N U A L R E P O R T 2 0 2 3 - 2 4

Adani Foundation
Adani House, Port Road, Mundra – Kutch 370 421
[info@adanifoundation.com] [www.adanifoundation.com]



Our Journey by Mr. Rakshit Shah, Executive Director APSEZ



From Pledge to Progress Further,

I am happy to share that Adani Foundation continued to make significant strides to elevate the sustainability of our CSR operations. This year We prioritize capacity building and awareness on ESG, as evidenced in 8 employees completing training modules that raise awareness about best practices in ESG. We raised the bar through our environmental initiatives, Water Conservation, Terrestrial and Coastal Biodiversity. We are also spreading awareness for reducing paper usage, Reducing emissions through firewood cooking, diesel free village drive at Surat district and increasing the green cover by planting trees. We enhanced the impact of our social initiatives by empowering women through Enhancing skill and Livelihood, increasing gender diversity and improving inclusivity. We are working for socio economic upliftment marginalized community i.e. Primitive Tribes at Bharuch and Surat district and fisherman at Kutchh district.

Our commitment to sustainable CSR operations has earned the trust of our stakeholders and contributed to our success. It has also helped us build a more resilient, sustainable and profitable business. I thank our Adani Foundation Team for their continued support and dedication to our commitment to sustainable CSR practices, as we remain focused on driving long-term value for our stakeholders, and the communities in which we operate.

With best wishes,

Rakshit Shah

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CSR KUTCH

The Adani group plans to invest over two lakh crore rupees in Kutch over the next five years, creating around 100,000 jobs. The investment is expected to contribute to a Vikshit Gujarat, with the group constructing a world-largest green energy park in Khavda, Kutch, and expanding its green supply chain. Kutch Copper Ltd, a subsidiary of Adani Enterprises Ltd (AEL), the world's largest single-location copper manufacturing plant at Mundra in Gujarat, will start operations of the first phase by March-end and full-scale 1 million tonnes capacity by FY29. Mundra Port, Adani Power Plant, Adani Wilmar and Mundra Solar is reached to remarkable development ! Adani Foundation is instrumental in Mundra from 25 years but for last 3 years, started CSR at Khavda, Nakhtranana, Lakhpat and Abdasa Taluka in Community health care, Women Empowerment and Water conservation core.



Demographic Details

Block	Villages	No. of HHs	Population
Mundra	61 Villages	35192	153179
Anjar	6 Villages	5350	28500
Nakhtrana	22 Villages	14093	36373
Lakhpat	20 Villages	8092	18976
Khavda	22 Villages	8450	35200
Rapar	3 Villages	345	12450
Mandvi	8 Villages	2780	14560
Abdasa	12 Villages	2415	9660

1. Adani Ports and SEZ Limited
2. Adani Power Mundra Limited
3. Adani Wilmar Limited
4. Adani Wilmar – Caster Limited
5. Kutchh Copper Limited
6. Mundra Solar PV Ltd
7. Mundra Petrochem Ltd
8. Adani Kandla Bulk Terminal Private Limited
9. Adani Solar Limited – Bitta, Abdasa
10. Adani Green Energy Limited – Nakhtrana
11. Adani Green Energy Limited - Khavda
12. Adani Energy Solution Limited – Rapar

Environment Sustainability



Water Conservation 

Soil Conservation 

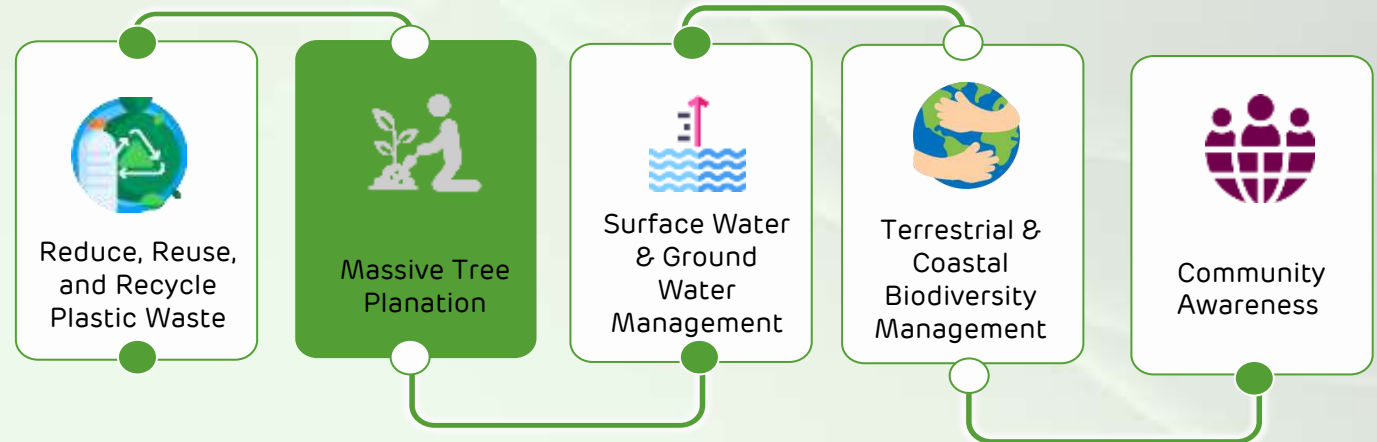
Terrestrial Biodiversity 

Coastal Biodiversity 

Plastic Free Drive 

Environment Sustainability

As per UN Sustainable Development Goal. 13 - The environment and biodiversity serve as the lifeblood of our planet, playing a crucial role in maintaining ecological balance and sustaining life in all its diverse forms. Preserving them is more than a necessity; it is a shared responsibility to secure the health and well-being of both present and future generations. Adani Foundation embodies this commitment through its varied environmental projects. These range from extensive tree plantation and mangrove restoration to innovative biogas provision, drip irrigation, Plastic Free Drive, groundwater recharging, and water conservation.



Action to environment Sustainability



Swajal Project



AIM:

The Foundation's Water Conservation program, SWAJAL, is aimed at addressing the alarming depletion of groundwater levels and reduction in water sources in various parts of Kutch district.

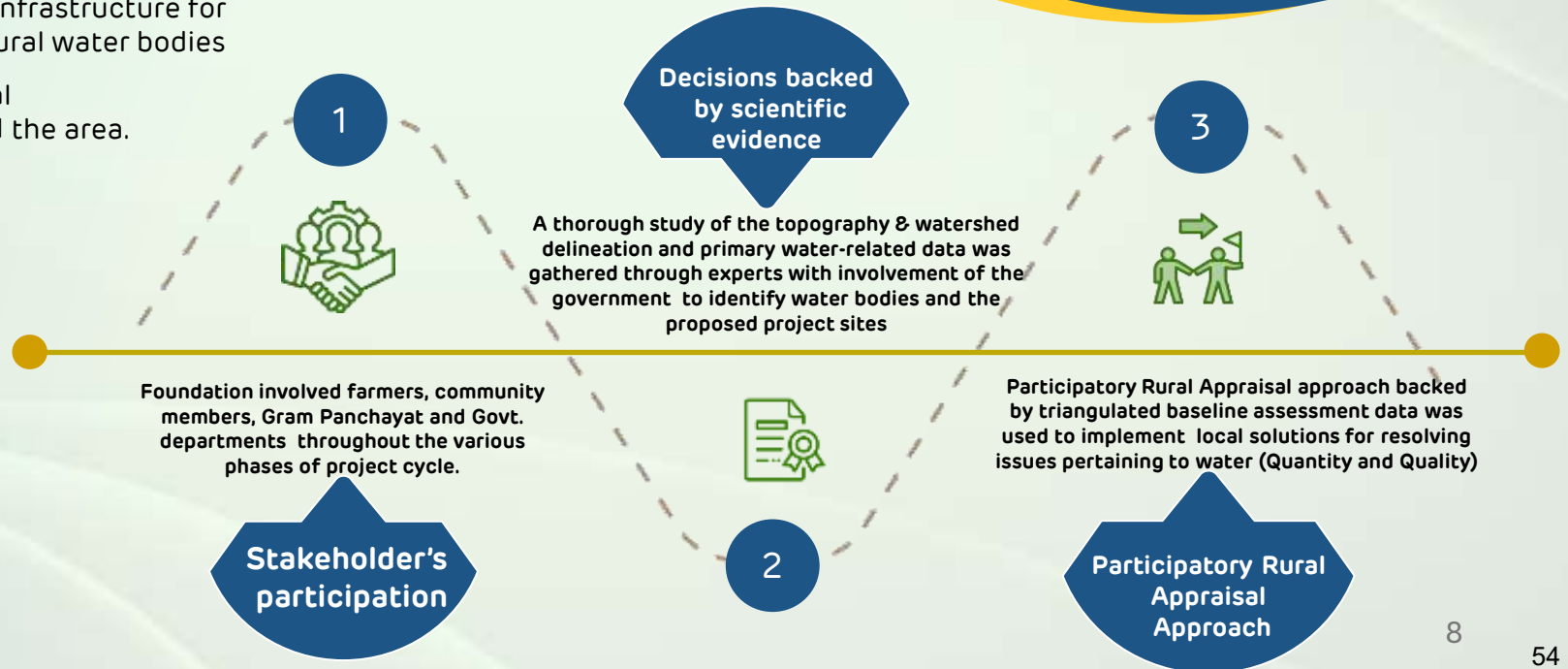


Vision:

Devising eco-friendly and cost-efficient methods of water body rejuvenation, the project works

1. To revive existing water resources,
2. Plan sustainable infrastructure for protection of natural water bodies
3. Improve ecological conditions around the area.

Process:





Water Security Plan

Due to arid climatic characters of the Kutch region, it is essential to plan for water security drinking and livelihood purposes. Considering weather condition, rainfall characters, geohydrological condition and water demand, water security plan has been prepared for all the Seven villages.

To prepare water security plan following method has been adopted:

1. Overview of the Project villages through primary field visit and reference of prestudied and reports.
2. Survey of existing surface water resources to assess the potential and further scope of development.
3. Groundwater monitoring in term of storage and quality assessment.
4. Water balance calculation considering water supply and demand estimation.
5. Integrated water resource development and management plan for each village.

Swajal in Kutch – Block wise:

Sr. No.	Block Name	Water conservation structure	Total no. of Structure	Total Capacity Created (CUM)
1	Mundra	Check Dam	23	6,07,332.80
		Pond Deepening	66	1,89,121.08
		RRWHS	275	2750
		Percolation Well	24	-
		Bore & Well Recharge	209	-
2	Dayapar	Pond Deepening	2	9,200
		Check Dam	1	18,000.00
3	Khavda	Pond Deepening	1	2,000
		Check Dam	1	16,000.00
4	Abdasa	Pond Deepening	1	22,000
5	Lakhpat	Check Dam	1	21,237.64

Swajal - Impact:



28,000
farmers Benefited



7.2%
Increase Revenue



17% TDS reduced



Rs. 1150
Reduce in health expenses/month



Total Water capacity increased

8,87,641 Cum
= 31.35 MCFT

Water Conservation Structure:



Soil Conservation

1250 Farmers	07 exposure	857 Farmers	258 Gobardhan	35 Farmers	Rs.9.88 Lacs RG
•Awareness Sessions at Village Level: Spreading awareness on natural farming benefits and address their concerns.	•Hands-On Training & Exposures : Arranged Workshop and training to emphasizing on real-world techniques.	•Link with Government Scheme: facilitation of govt. Cow Nurturing scheme to promote eco-friendly farming practices.	•Bio-gas Support: Link with Gov Gobar Dhan Biogas Unit Nutrient-rich slurry serves as an essential organic fertilizer for natural farming	•Natural Farming Certification Process to obtain natural farming certification through the GOPCA for the 35 Farmers who are Members of Raj shakti Sahakrai Mandali.	•Marketing Assistance: Provide platforms and resources ensuring fair prices and broader consumer reach.

Natural Farming

Natural farming is an urgent need of the hour, We have initiated a comprehensive approach to promote natural farming practices through a variety of activities aiming to minimize pesticides and chemicals uses ,lead to produce , nutritious, chemical-free produce which is benefitting both farmers and consumers by providing healthier and more sustainable food options as well as plays significant role to flourishing environment and balanced ecosystem.

* Funded by -Mundra Petro chem Limited



Home Biogas

Phase	unit	Unit Cost In Rs.	AF in Lac	Support Beneficiaries Contribution in Lac	Gov. Convergence in Lac	Total in Lac
Phase -1	125	23200	29	3.75	0	32.75
Phase -2	100	42000	42.0	5.0	0	47
Phase -3	100	42000	0	5.0	37	42
Phase -4	258	42000	6.45	6.45	95.46	108.36
Total	583	149200	77.45	20.2	132.46	230.11



Home biogas systems, adept at converting organic waste into renewable energy, present a sustainable and eco-friendly solution for cooking. We have started this project in 2020, with farmers contributing 10% towards the cost, that persisted till 2022. Since then, we have scaled our initiative by aligning with government home biogas schemes to amplify the reach and adoption of this eco-friendly technology in wider rural regions.

The deployment of home biogas has been particularly transformative for women, offering a healthier, smoke-free cooking environment reducing greenhouse gas emissions.

Current year we process to facilitate 258 Gobardhan unit through Gov.



Natural farming Workshop with Governor of Gujarat

- To promote natural farming, the Adani Foundation and Shri Rajshakti Natural Farming Cooperative Society Ltd. are making numerous efforts in kutch. In our endeavor to motivate and raise awareness among farmers, we recently organized a significant event inviting the Governor of Gujarat, Shri Acharya Devrath, Mr. V.S. Gadhavi, Executive Director of the Adani Foundation, and other distinguished guests. Addressing a gathering of 2000 farmers, Shri Acharya Devvrat aimed to inspire and enlighten them about the benefits and importance of adopting natural farming practices.
- "The foundation of people's well-being and health lies in the health of the land. Natural farming is the only way for this," said Acharya Devvratji, emphasizing that microscopic organisms in the soil nourish crops with essential elements, providing healthy and nutritious food. Devvratji highlighted the harmful effects of chemical fertilizers and pesticides on the land and urged farmers to adopt natural farming practices.

* Funded by -Mundra Petro chem Limited





Revival of Date Palm destroyed by **BIPORJOY** Cyclone



Dates Tree -Restoration

Biparjoy cyclone has damaged huge number plants of Dates, Mango, Sapota. In coordination with Kutch Crop Services and Krishi Vigyan Kendra – more than 615 plants are restored till date and continue. This initiative has created trust and credibility in farmers of Mundra. As for one date tree Average revenue is 25000 INR – this initiative revenue generation will be 1.53 Cr per year which is remarkable.



Go Green – Horticulture Saplings Distribution to Farmers



Objective :

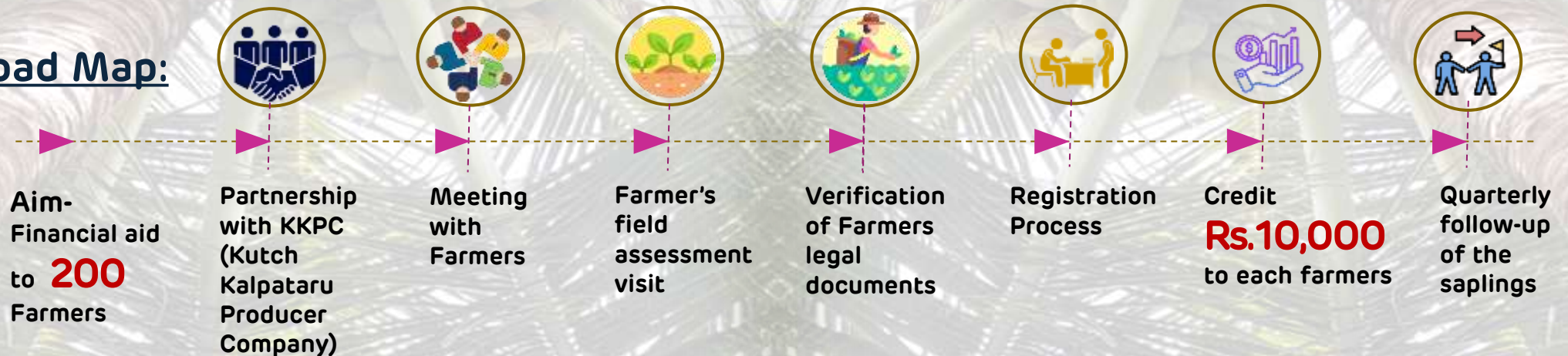
In alignment with a vision for sustainable agriculture and environmental stewardship, MPL aims to empower local farmers and contribute to larger environmental goals. The initiative focuses on providing financial assistance to 200 farmers for cultivating horticultural saplings.



Impacts :

- Environmental sustainability
- Carbon sequestration
- Soil conservation
- Combat climate change
- A healthier ecosystem
- Contributing to a cleaner atmosphere

Road Map:



Go Green – Horticulture Saplings Distribution to Farmers



Carbon sequestration Value :

Supported the plantation of 53,136 fruit bearing trees.

These plants will sequester 1,465.00 MT of CO2 after 5 years as per calculation in Mundra Petrochem villages

Name of Fruit bearing Tree	Co2 Sequ Kg	No of Plants	Total Co2 Seq - Kg
Mango	41.47	33,780	1,400,856.6
Custard Apple	4	1,300	5,200
Dates	12.8	15,856	2,02,956.8
Coconut	26.87	2,200	59,114
Total		53,136	1,465,170.6



Event: Horticulture Sapling Distribution and No Plastic Drive

Noteworthy event unfolded at the serene Sonal Mata Ji Temple in Vakrai - Moti Bhujpur, organized by Adani Foundation and Adani Petrochemicals. The focus of this gathering was giving away horticulture saplings through financial assistance, a symbolic step towards fostering a cleaner and sustainable environment.

Our esteemed guests for this event include R N Parmar, RO GPCB; Javed Sindhi, Mamlatdar Mundra; Vinay Kumar Singh, Head ESG MPL; Bhagwat Swaroop Sharma, Head Environment; Panktiben Shah, Head CSR Gujarat; Vishnu Patidar, ESG expert; and Laxmiben Ninjan, Sarpanch Bhujpur.

Mr. R.N. Parmar addressed the imperative need for cultivating a green and healthy environment for current and future generations. Additionally, he praised the efforts of Adani Petrochemicals and Adani Foundation, emphasizing the importance of sustainable practices.

The primary objective of the event was to extend financial support to 200 farmers, each receiving Rs. 10,000, a transaction gracefully facilitated by Mr. R. N. Parmar, virtually transferring funds to their bank accounts, funded by Adani Petrochemicals. Presently, MPL is aiding over 300 farmers in planting a total of 53,136 fruit-bearing plants.

The event further shone a spotlight on past beneficiaries of drip irrigation and tissue dates distribution, who took the stage to share their experiences and express gratitude for the transformative support received. Adding a touch of artistry, small Utthan students staged a captivating environment protection act.

As the event wrapped up, a strong commitment was made to keep supporting and assessing efforts for a greener environment, contributing to carbon sequestration.



Terrestrial Biodiversity

Vruksh Se Vikas – Massive Drive

Since 2014, we have embarked on a transformative journey to execute a wide range of tree plantation drives in collaboration with local communities and forestry departments.

1. Miyawaki Forest Development: Native species plantation in the 2-acre area at Nana Kapaya village creating a flourishing mini-forest with 5,508 trees.

2. "Adani Van": Barren spaces were transformed into lush green havens through our massive public plantation drives. One notable example is the Bhupur Visri Mata Temple, where 23,000 trees were planted. Second example Momai Mata temple, Desalpar 10,000 trees were planted. Third Example Matiyadada at Bhujpur 8000 trees were planted. Fourth example Rasha pir, Dhruv 2-acre 5000 trees planted. Thus, in PPP Model 4 Adani Van were developed where 46,000 trees were planted.

Prakruti Rath: This initiative goes beyond just planting trees; it is about fostering a sense of responsibility towards our environment. Through 46,750 sapling distribution to individuals, we have empowered communities to take ownership of their surroundings, leading to a heightened consciousness about the environment's significance.

Till the date Total 1.49 Lac tree plantation have been done that has enriched the local ecosystem and significantly contributed to carbon sequestration

Completed the plantation of 1,49,889 trees. These plants will sequester 3180.00 MT of CO₂ after 5 years as per calculation in Mundra Petrochem villages

1.49
Lac tree
plantation





Coastal Biodiversity

Mangrove Biodiversity



In 2010, we initiated a mangrove plantation project at Luni coastal belt, ultimately leading to 162 hectares of dense mangrove forests. Subsequently, we expanded our efforts by planning and implementing a multi-species mangrove plantation across an additional 20 hectares. These plantations are diligently maintained and continually monitored. Notably, these forests have evolved into a thriving habitat for various marine and

migratory bird species, enriching the local ecosystem.. Since PhD scholars and students frequently visit this area for study, we plan to establish it as a Center of Excellence, serving as a hub to create awareness among students and facilitating research activities for scientist

Mangrove Plantation Work Detail				
Sr. No	Year	Number	Person days	Remarks
1	2011-12	50000	3000	
2	2012-13	125000	6943	
3	2013-14	60000	1480	
4	2014-15	125000	6501	
5	2015-16	65000	3533	
6	2016-17	20000	3125	
7	2017-18	100000	3666	
8	2018-19		7539	Algal Removal work
9	2019-20		6261	Algal Removal work
10	2020-21		4830	Algal Removal work
11	2021-22	97000	5200	
12	2022-23	100000	4445	
Total		742000	56523	

4+

Spices of Mangroves

60+

Coastal Spices as habitat preservation

160+

Hector Avicennia marine plantation

20+

Hector Biodiversity park

* Funded by -Mundra Petro chem Limited

Plastic Free Drive

Objective:

The central aim of the Plastic-Free Drive is to empower and enlighten students as key agents of change, enabling them to disseminate awareness and instill the practice of reducing single-use plastics within their community.

1. Educate: Spread awareness about the harmful effects of plastic on the environment, marine life, soil health, and human well-being.

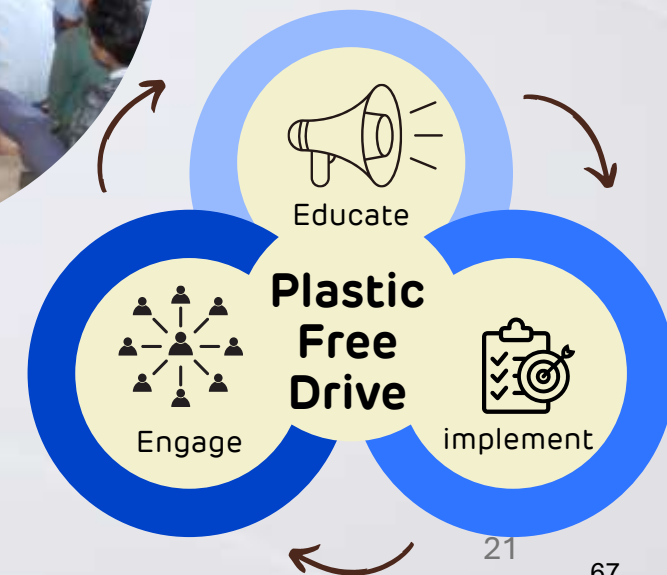
2. Engage: Mobilize community members, especially the youth and family members to actively participate in plastic waste reduction activities.

3. Implement: Introduce sustainable alternatives to ensure proper disposal and recycling. As of now we supply plastic to one NGO to prepare Garden benches. .

Outreach :-

12000 Students of Primary Schools.

990 Students of Secondary Schools of Mundra Block.





5 Years

उत्थाव

2018-2023

adani
Foundation

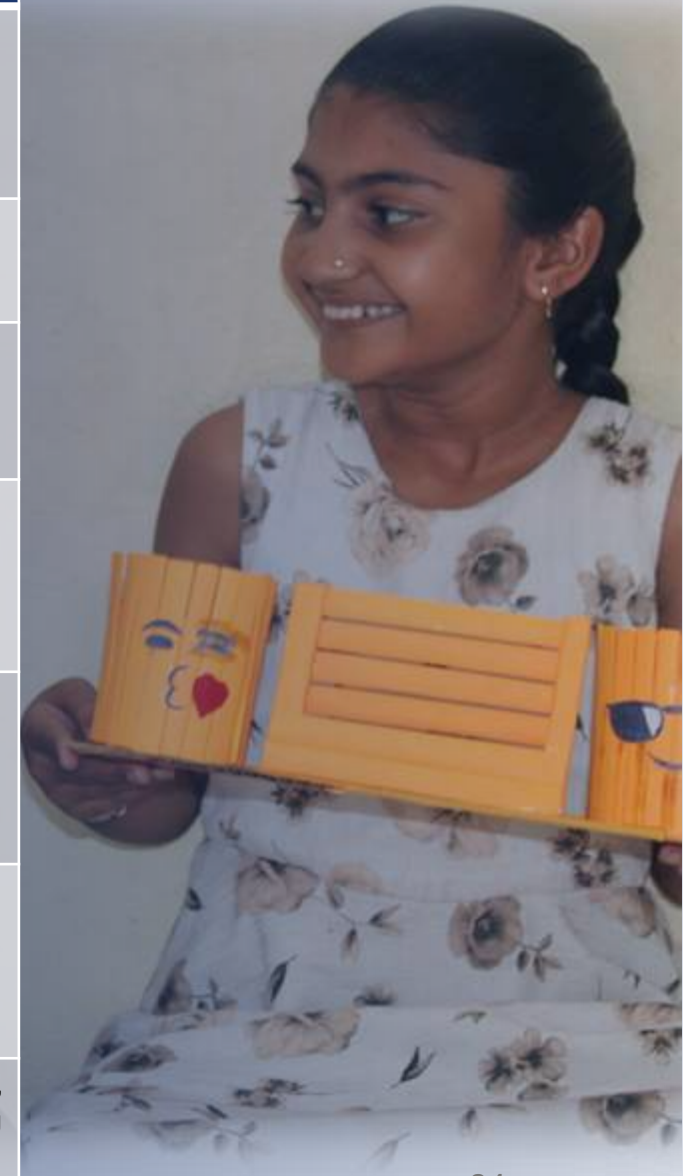


Education: Utthan

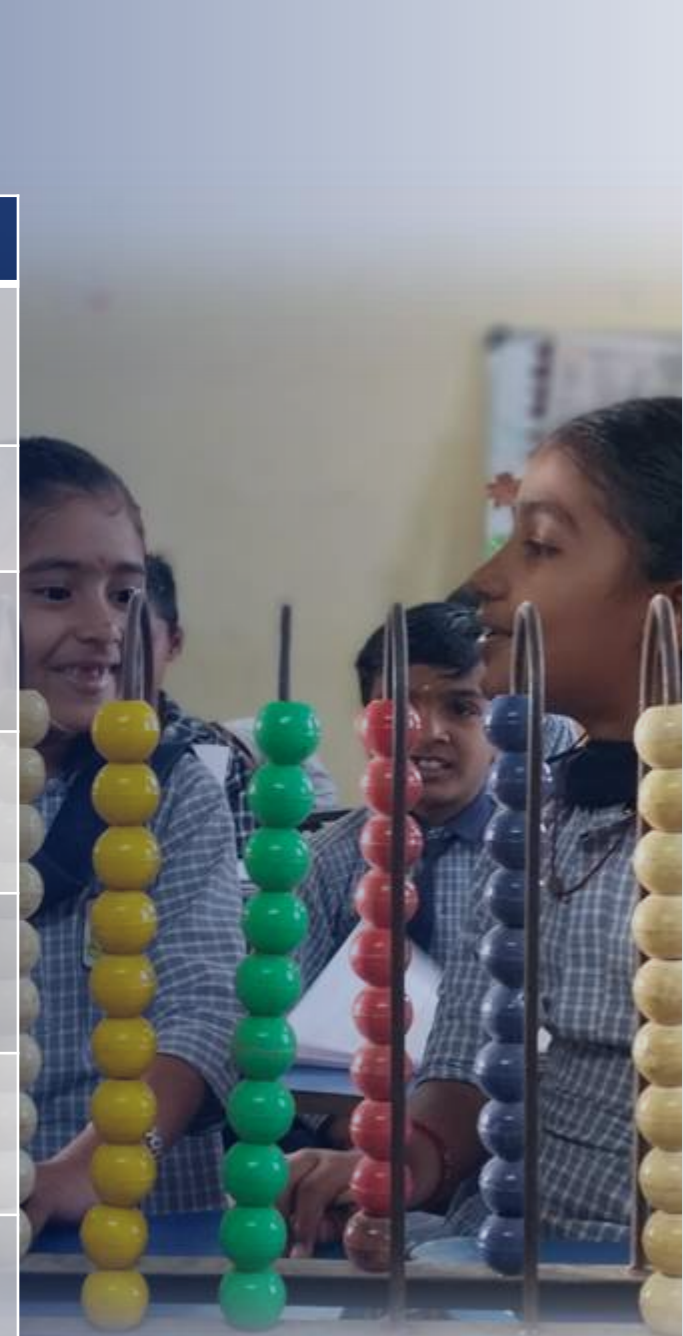
Project Utthan, an innovative initiative by the Adani Foundation by Mou with DEO, which aligns seamlessly with both the National Education Policy 2020 and the Sustainable Development Goal. By adopting government primary schools, Utthan fostering community engagement, it aims to create model schools that empower students and elevate education quality. By providing dedicated teachers and essential facilities, Utthan strive to enhance the Gunotsav results of primary schools and improve the Board results of 10th standard students. Project Utthan takes the lead in initiating various co-curricular activities to ensure the holistic development of students. Through capacity-building programs and collaborative efforts, we envision a future where every child receives holistic and empowering education, paving the way for a brighter tomorrow.



Utthan Initiative	SDG 4	NEP 2020	Benefited
Strengthening government Primary & High schools	Target 4.1.0 suggest to contributes to providing quality education for all.	4.1 and 4.2 - improving primary education.	31 Villages, 77 Schools, 12000+ Students, Efforts for Increase Gunotsav result & Board result.
Appointing an Utthan sahayak	Target 4.1.1 suggest to support students.	5.2 - focus on capacity building and support systems	70+ Utthan sahayak works as catalyst. Students: Teacher ration decrease.
Mainstreamed Progressive learner	Target 4.6.1 suggest fixed level of proficiency in functional	2.1 and 2.2 Mainstream students from progressive learners	Assessment : 6982, Progressive learners : 2541 Mainstreamed : 1278.
Providing required resources and facilities	Target 4.2.1 Suggest the necessary resources for effective learning.	7.4 and 7.5 emphasis on infrastructure development and resource availability.	Sports Kit, Music Kit, TLM Kit, Science Kit provided in schools.
Enabling joyful learning spaces	Target 5.1.2 Suggest positive and engaging learning environments	5.9 & vision of NEP suggest experiential learning to encourages creativity.	Smart Class with Navneet software+ Bala painting + Activity base learning.
Adani Students Development Center (ASDC)	Target 6.1.2 Suggest preparing students for future opportunities.	20.1 and 20.2 NEP's It resonates with the NEP's focus on holistic development and skill-building.	2 Adani Evening Education Center, 5 Adani Competitive Coaching Center, 5 Adani English Coaching Center
Introducing English as a Third Language	Target 5.1.2 Suggest other language learning.	4.13 emphasizes multilingualism and language learning.	Students: 5000+ Classes 1-4, Curriculum, Every Friday morning assembly in English



Utthan Initiative	SDG 4	NEP 2020	Benefited
Enhancing Reading Habits	Target 7.1.2 Promote literacy and a love for reading.	2.8 Supports the NEP's goal of enhancing reading & comprehension skills.	Redding corner , 1000+ Oasis workshop , 162780 Books CICO, 100+ Schools partner from 10+ Country in International school library month(ISLM)
IT on Wheels	Target 4.2.3 Promotes Digital literacy.	5.9 focuses on integrating technology in education.	2 dedicative van, 2 IT instructors, 55 laptops, 34 schools, Empowering 4170 students , 200+ High schools' students
Promote sports	Target 6.1.2 Suggest preparing students for future opportunities	4.8 promoting physical fitness and sports.	6 Students selected in District level sports school, Inspiring more 100 Students. Khel Maha Kumbh : 2000+
Teachers' & Sahayak Capacity Building	Target 4 C Suggest to qualified teachers by cooperation	2.6 emphasizing teacher training and professional development.	3500+ Hours Capacity building program + Webinar + Diksha + 10 full days training.
Formation of Eco Club	Target 5.1.2 Suggest to increase awareness of Environment.	4.44 Promoting environmental awareness.	Plastic free village workshop : 1250+ Students, Environment Awareness program & Tree plantation in schools.
Day Celebrations & Collaboration with GoG	Target 4.2.1 Suggest to inspire Holistic development of students	7.1 children of all ages should learn about arts, sports and careers.	Summer Camp : 6000+ Students Diwali Mela : 5500+ Students. 1400+ Parents participated.
Mothers as catalyst in transformation	Target 4.1.1 Suggest to inspire parents in growth of students	Aligned with NEP's Principles. Page No.6	Mothers meet : 700+ Mothers Joined: 15000+ this year. (Meetings + Home Visit)
Strengthening Stakeholders	Target 4.1.0 suggest to work	Aligned with NEP's Preface, Page No. 4	Support in Taluka, District & state level various initiative with DIRT, BRC, Strengthening SMC Committee.



Utthan Marks 5-Year Milestone

Celebrating the extraordinary five-year journey of Utthan in Mundra, we hosted a remarkable event graced by the presence of distinguished individuals. Among them, the Director of Primary Education, Gujarat, Mr. M. I. Joshi, brought with him not only wisdom but also a sense of grace that elevated the occasion. Standing alongside were the District Development Officer, Mr. Prajapati, and the District Primary Education Officer, Mr. Sanjay Parmar.

Yet, beyond the notable dignitaries, the event witnessed the convergence of more than 2000 students, 416 school principals and teachers, and 145 School Management Committee Members. Their collective presence bore witness to a significant milestone in the enduring journey of Utthan, leaving an indelible mark on our hearts and memories.

In this gracious event, we commend the outstanding contributions of the Principal, Utthan Sahayak, and students who have excelled over the past five years.

During the event, the children showcased their incredible talents. They enthralled the audience with mesmerizing performances, including folk songs, classical dances, and vibrant folk Garba dance. The young talents also graced the stage with captivating dramas and much more.

The event was a true celebration of their skills and abilities, and it was executed with utmost dedication and excellence.





Mother's Meet – Promoting Community Bond

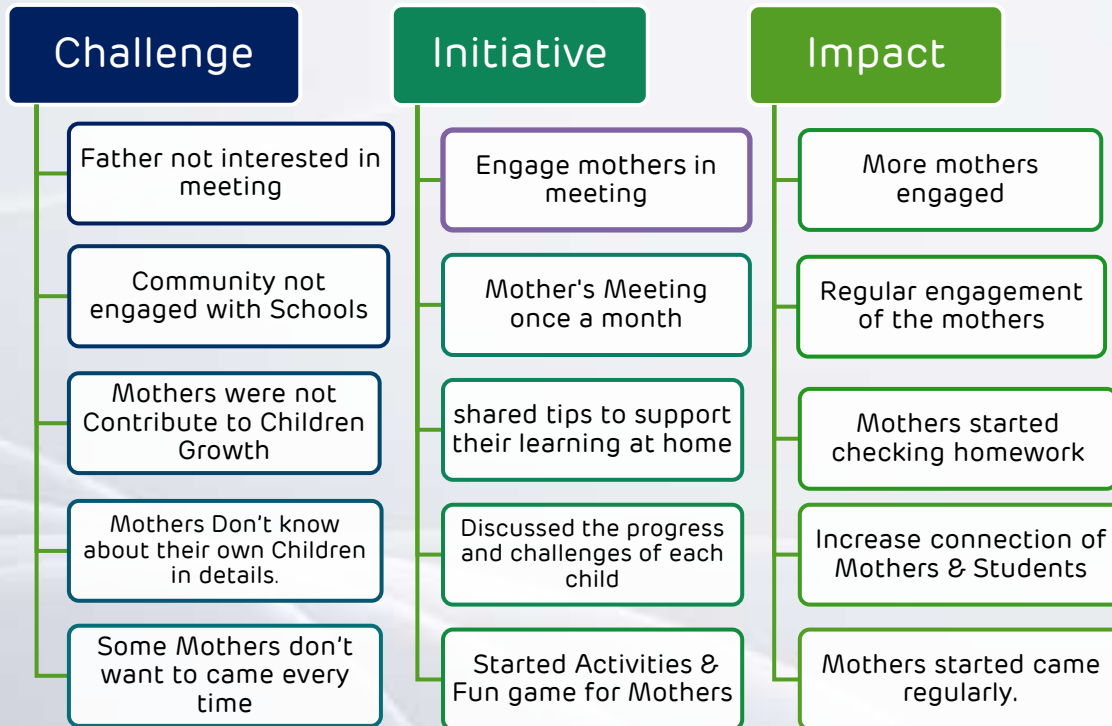
Mothers meet is special intervention of Utthan, This year, more than 15000+ Mothe's Joined in 700+ Mothers meet. Some of the challenges and impact of this initiative through out the year is as bellow:



700+
Mother's meet



15,000+
mother participated

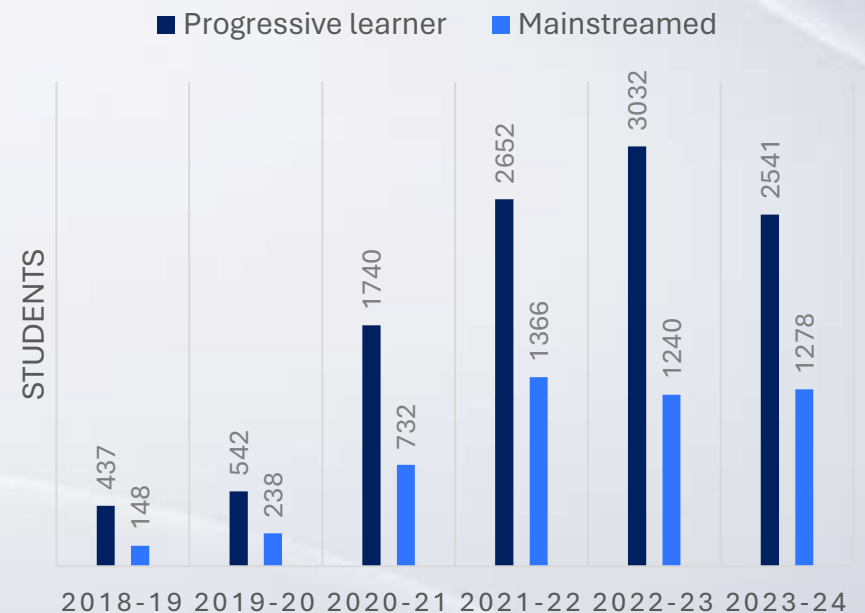


Mainstreaming Progressive learners

Utthan, through its assessment, has identified over 2541 Progressive students out of 6459 from 3rd to 7th standard . Among them, 1278 students have been successfully mainstreamed. The key role played by Utthan Sahayak has been instrumental in achieving this success. Utthan's approach includes a customized syllabus, activity-based learning, and teaching at the right level. Additionally, Utthan actively involves mothers and members of the School Management Committee (SMC) in strengthening progressive learners. Below is the yearly outcome of our hard work:

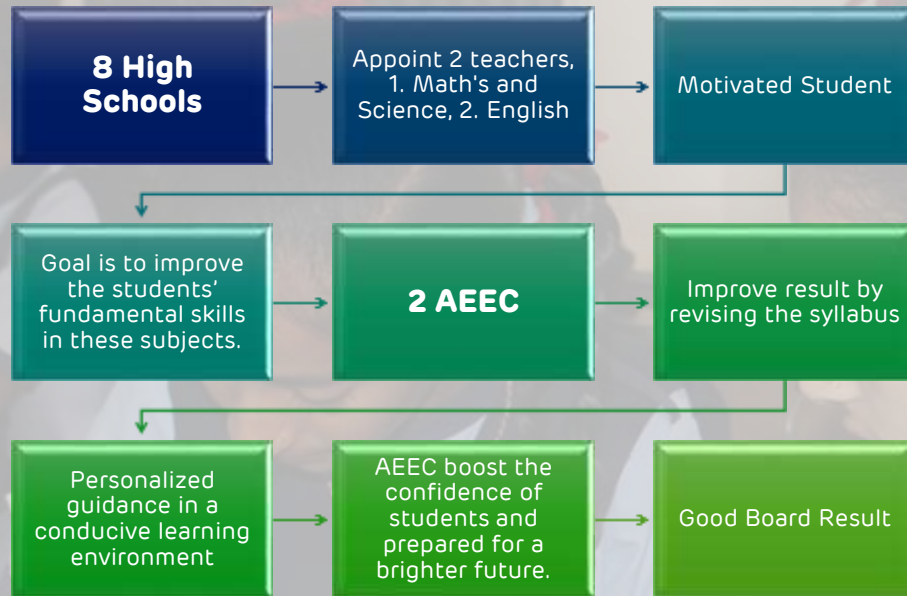


1278 students
mainstreamed

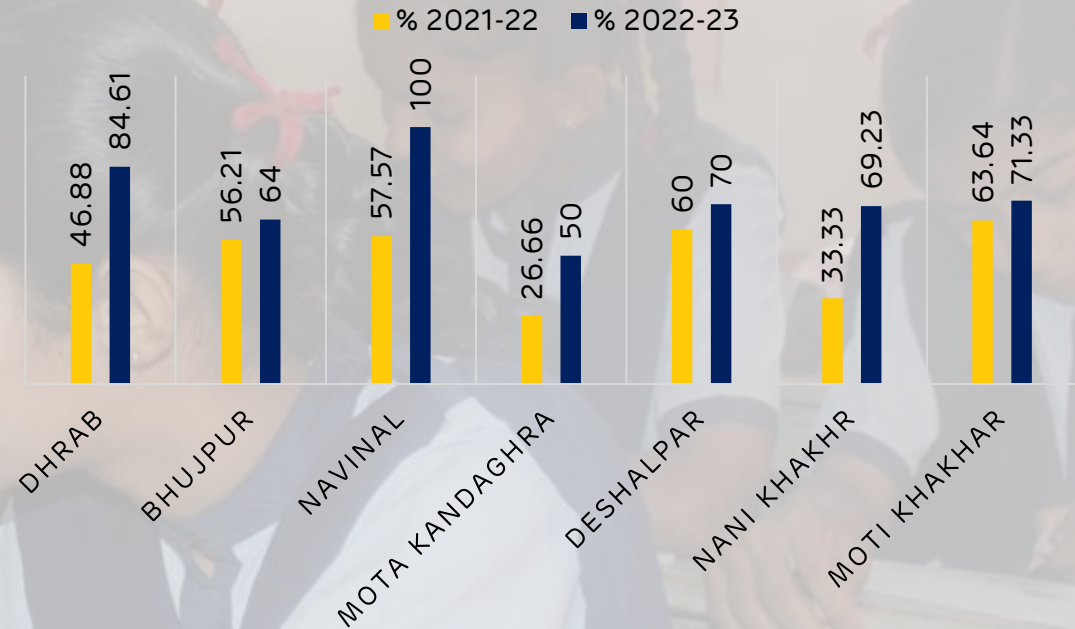




Utthan in High Schools



UTTHAN HIGH SCHOOL RESULT COMPARISON



Utthan other various initiatives & Achievements

- ✓ Utthan won FOKIA Award under the category "Excellence in collaborative CSR Project.
- ✓ Utthan created special syllabus of Maths, Science & English to achieve good result in board exam.
- ✓ The Kutch University has conducted an impact assessment of IT on Wheels, which has been evaluated and certified by the DEO Office.
- ✓ Career Counselling in Utthan High Schools same remedial classes during summer break.
- ✓ Health awareness programs in schools, children of class 6 to 8 were made aware about health.
- ✓ High school girls' students celebrated Rakshabandhan with Shoulder at Boarder.
- ✓ 1000+ Students are preparing for competitive exam. Its more than double from last year.

Adani Vidya Mandir, Bhadreshwar

Empowering Communities through Free and Compulsory Education

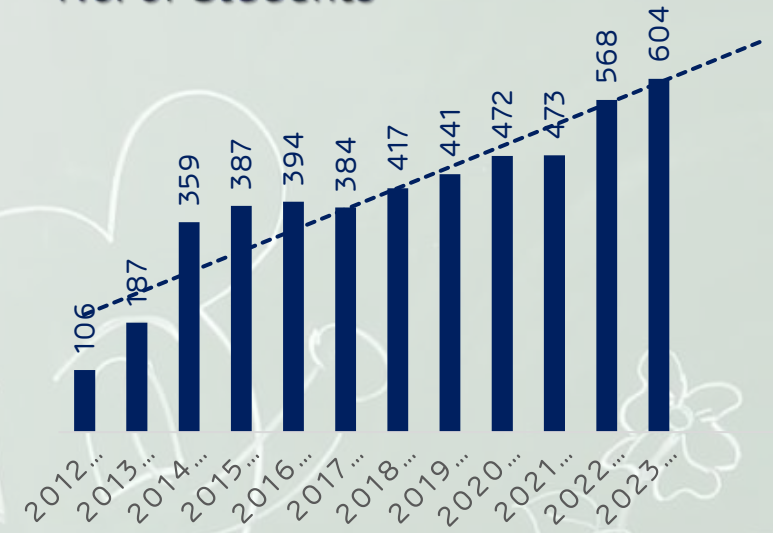
- Established in June 2012, school is a Gujarati Medium, Co-educational institution that adheres to the Gujarat State Board curriculum. It is a school for the students of KG to Class X. Starting its journey in a rented house in Bhadreshwar village, the school commenced operations with 80 students in class-I. Guided by a committed team of six teachers. In the academic year 2023-24, it proudly serves a student population of 604, with 174 students hailing from fisher-folk communities. 24 dedicated teachers are there in school. Committed to providing comprehensive and quality education, the school operates with a unique approach – offering education at no cost. Furthermore, the school extends support by providing complimentary uniforms, books, and stationery. It's noteworthy that all the students belong to the Economically Weaker Sections (EWS), emphasizing dedication to inclusivity and accessible education.
- School stands as a trailblazer, being the first state board school in Gujarat to receive accreditation from NABET under the Quality Council of India.



Adani Vidya Mandir, Bhadreshwar

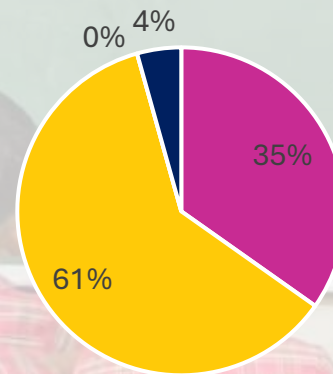


No. of Students



Achievement in sports

- In August 2023, students of AVMB engaged in block-level sports competitions, excelling in Athletics, Kho-Kho, and Yoga. Team of AVMB: U14 & U17 boys secured 1st place in Kho-Kho and progressed to the district level.
- Notably, Abzal Reliva, a Class X student, clinched 1st position in Shot Put, and Hardev Jadeja from Class IX achieved 1st rank in Long Jump earning the opportunity to represent Mundra block at the district level.



■ Districion ■ First Class
■ Second Class ■ Pass Class

AVMB STD 10 – SSC Board Result (2022-23)		
Sr. No.	Grade	Student
1	Above 80%	8
2	Above 70%	8
3	Above 60%	6
4	Above 50%	0
5	Above 40%	1
Total Students		23



100%

**Success in Gujarat Board
Standard 10th Examination.**

Achievement in Arts:

- An Essay and Quiz Competition arranged by TATA BUILDING INDIA was organized on the theme of "Recycle". 81 students of AVMB participated. Winners were recognized and rewarded by Tata Group, Rajkot. Winner students received medals.
- School orchestrated a special moment. Parents were invited to the school where they had the honor of presenting medals and certificates to the winning students. Notably, Ms. Manjaliya Najirhussain Hasam hails from the fisherman community.
- 06 Students of Class VI to VIII appeared in PRARAMBHIK VISHARAD examination conducted by BRIHAD GUJARAT SANGIT SAMITI on 14/12/2023, School is waiting for the result.
- 19 Students of Class V to IX wrote inspirational stories in Gujarati language all the stories were submitted to a publisher name: Jagdish Jepu, among them 01 story of Maheshwari Raj of Class IX title: Importance of Every individual" published in "GULSHAN" magazine in 10th edition on 11/10/2023.



Annual Function in AVMB

- On 5 March 2024, the school celebrated its 12th annual day with a pledge to plant over 25000+ saplings over 3 years in the school premises and in the surroundings, including mangroves in the coastline. The annual day named Utkarsh was aptly linked with the United Nation's Sustainable Development Goals, especially highlighting environmental consciousness.
- Utkarsh gave these students a platform to celebrate the ethos of environmental conservation with a lot of take aways in terms of showcasing learning through models based on SDGs and working models on environment and water conservation. The students presented various sustainability goals through skits, songs, and poetry narration in an enthralling event in AVMB.
- The highlight of Utkarsh 2024 was a pledge that students have taken to plant 25000+ saplings towards greening the region. The fishermen community also came forward to support the children in achieving this pledge. AVMB is committed towards contributing to a secure world. At the event, all 17 SDGs were presented in two sections – 1) Exhibition – through models, charts, and painting and 2) Drama, dance, and songs. The carefully curated event by the teachers under the guidance of the Adani Foundation sensitized the guests on the seriousness of causes, especially the importance of preserving the coastal biodiversity.
- Mr. Jugeshinder ('Robbie') Singh, CFO of Adani Group, chaired the program. He was impressed by the state-of-the-art facilities of the school and especially by the knowledge showcased by the children on the topics which are generally taken up and discussed in higher academics, policy roundtables and corporate chambers. He said, "I am humbled to be here and seeing fantastic knowledge and models presented by these young children. I am sure each of them will make great progress in their lives, become financially independent and help their families, communities and our great nation."







Natural Farming (Cow based Farming):

Adopting sustainable practices i.e., organic pesticides/bio enzymes, Jivamrut, Vermi compost, and bacterial culture to enhance Agri yield.

- First and Second phase Training given to 2200+ Farmers to motivate for Natural Farming
- 2500+ Farmers supported by 25000+ Fruit bearing Saplings. Natural Farming Training will result in 15-20% increase in income after 3 years.



Udaan GET INSPIRED Inspiring Minds



About Project

Udaan is a special project inspired by the life-changing story of Mr. Gautam Adani. As a child, he had visited the Kandla port in Gujarat, and after looking at the expanse of the port, he dreamt of having his own port one day. The rest is history. Under this project, exposure tours are organized wherein school, college students, faculties, employees from corporates are given a chance to visit the Adani Group facilities. Under this project, services are absolutely-free of cost for government schools.

Vision

To create a pool of inspired young minds for nation building at a global scale.

Mission

To motivate young students to dream big by exposing them to world-class industrial facilities.



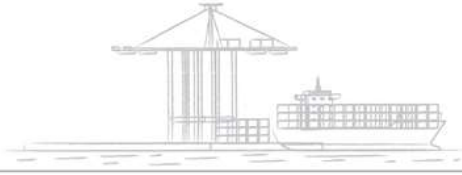
Total no. of visits

7019

Total no. of participants

447541





Project Site
Mundra, Gujarat
 (Site commenced on Dec 2010)

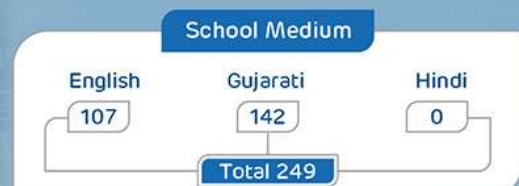
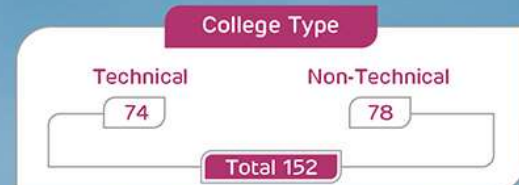
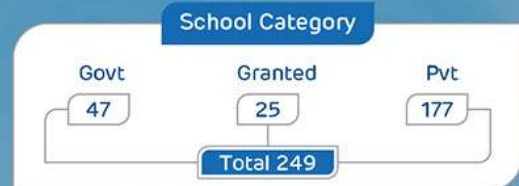
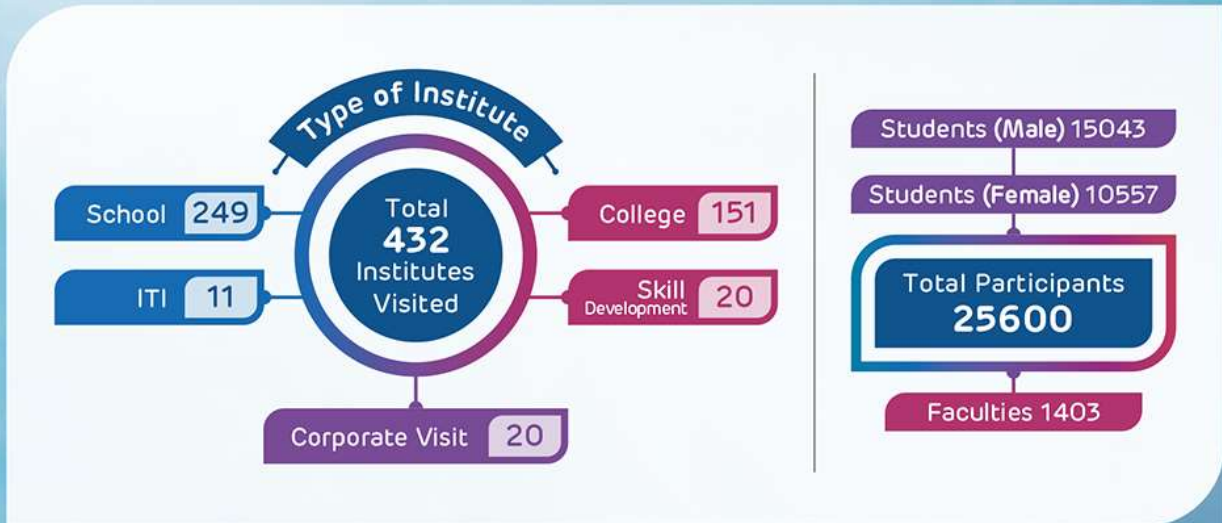
Adani Ports and Special Economic Zone Limited (APSEZ)
 India's largest port operator and SEZ

Adani Power Mundra Limited (APMuL)
 India's largest single location coal based private power plant

Adani Wilmar Limited (AWL)
 Asia's largest single location edible oil refinery

MSPVL - Adani Mundra Solar PhotoVoltaic Limited
 India's first and largest vertically integrated solar company

Mundra Windtech Ltd
 A wind turbine taller than the world's tallest Statue of Unity.





Sustainable Livelihood Projects

Sustainable Livelihood - Animal Husbandry

In the face of dwindling rainfall and increasing salinity in groundwater, agriculture is under threat. Recognizing this challenge, the Adani Foundation has initiated various interventions to foster the holistic development of agriculture and animal husbandry.

Pashudhan initiative:

Two vital pillars of this initiative:

Preventive Health Care & Fodder Support Program

Preventive Health Care: Cattle Health camp

The Adani Foundation, in collaboration with the Animal Husbandry department, organizes cattle health awareness and vaccination programs in 24 villages surrounding our area. These camps bring together government veterinary doctors who conduct check-ups and administer treatments for common ailments. The remaining medicines and vaccines are provided by the Adani Foundation.

These programs are highly effective in maintaining the optimal health of livestock and safeguarding them against deadly diseases like Foot-and-Mouth Disease (FMD) and Clostridial infections. The vaccines used are specifically designed to offer long-lasting immunity against specific diseases, ensuring the continued health of the animals even in harsh environmental conditions.



* Funded by - Kutch Copper Limited

Fodder Support:

Our Fodder Support Program is dedicated to assisting our neighboring villages during the challenging seasons of summer, drought, and crop failures. Through this program, we have provided a significant amount of Green and dry Fodder to ensure the well-being of both the communities.

Adani Foundation provides good quality dry and green fodder to 24 villages in our vicinity, covering 15,005 cattle of 2070 Cattel owners.

Grass Land development:

AF converted 18 acres of denuded village common pastureland (Gauchar) into fertile and productive grassland in Zarpara and siracha village to transform into Fodder Sustain village with Community participation and responsibility for maintain and Monitoring.

Among that 18 Acre of Gauchar land is fenced and sowed with Multispecies Green Fodder with Having Good nutritive value. More than 1500 Cattle will sustain with Improving quality and quantity of milk.

1500 cattle get benefitted by green fodder for 30 days – which increase 0.5-liter milk quantity of 50% cattle.

(750 cattle x 0.5-liter milk quantity Increase x 40 INR per liter=Rs.15,000/day).

This Intervention could benefit ₹ 4,50,000.

14,38,163 Kg Dry Fodder Support

45,85,278 Kg Green Fodder Support

24 Beneficiary Villages

15005 Cattle Benefitted

2070 Cattle Owner Benefitted

“It would be highlighted as best Demonstration and replicate in the other villages as sustainable fodder development project”

* Funded by - Kutch Copper Limited



Sustainable Livelihood - Fisherfolk Community

Persistent efforts for Fisherman development:

598 Education Kit Support

273 Fisherman Shelter Support

1,247 Vehicle transportation support

106 Cycle Support to high school going students

613 Scholarship Support

419 Youth Employment

195 Linkages with Fisheries Scheme

3,534 Ramatotsav Community Engagement

56,523 Man days Mangroves Plantation



Empowering Fisherfolk Communities through Education



Vehicle Transportation Facilities:

Ensure seamless access to education for school-going children from Luni, Randh and Juna Bandar Fisherfolk Students in reaching the nearest School, eliminating barriers to regular attendance.

146 Students supported Mundra Taluka

58 Students supported at Mandvi Taluka



Educational Awareness Sessions:

Through targeted awareness sessions in Fisherfolk Vasahats, we promote the transformative power of education, with a particular focus on advancing girl-child education.

487 Students motivated for high school Education



Cycle Support:

Overcoming transportation obstacles, our cycle support initiative enables six 9th standard fisherfolk students from Juna Bandar to continue their education with ease.



Scholarship Support:

Provide scholarship support to 31 deserving students, covering their higher secondary school fees. Emphasizing gender equality, we offer 100% fee support to female candidates and 80% to male candidates.



Education Kits Support:

Equipping fisherfolk students in grades 9 to 12 with essential tools for academic success, including notebooks, guides, and study bags, we empower them to pursue their educational aspirations with confidence.

15 Students supported at Mundra

42 Students supported by Mandvi



Assisting During Emergencies:

Fisherfolk Home were significantly damaged by the Biporjoy Cyclone. In response to that we provided 2696 cement sheets to 336 fisherfolk households of Juna Bandar, Luni, and Randh Bandar to support their recovery.

336 Fisherfolk house benefited



Fostering Youth Employment:

At APSEZ Mundra, our mission revolves around providing sustainable employment opportunities for the local fishing community. We serve as a bridge between industries and Fisherfolk youth, facilitating job placements to enhance livelihoods. This year, we have successfully engaged 115+ Fisherfolk youth, paving the way for a brighter future.

115+ Fisherfolk youth employed



Strengthening Fisherfolk women:

Through comprehensive health and hygiene initiatives, we empower Fisherfolk women. Our programs include family planning resources, menstrual hygiene workshops, nutrition advocacy, and health awareness sessions covering vaccinations, clean water access, and mental health support.

449 Women benefited



Potable Water Distribution:

Providing potable water facilities to 9 Fisherfolk Vasahats daily, either through water tankers or by establishing linkages with the nearest Gram Panchayat. This initiative benefits over 5000 Fisherfolk, significantly improving their health and productivity.

5000+ Population benefited





Sustainable Livelihood - Agriculture

Sustainable agriculture is a powerful force for good, safeguarding our environment, public health, communities, and the welfare of animals.

Through practices like soil enrichment, diverse crop patterns, eco-friendly cover crops, natural farming methods, orchard development, tissue culture, and water harvesting, sustainable agriculture ensures the well-being of our ecosystem while replacing harmful chemicals with healthier alternatives.

This year, the Adani Foundation continued its strong commitment to advancing natural farming in Mundra. Through various initiatives and partnerships, we provided crucial support to local farmers, empowering them with knowledge and resources to transition to sustainable practices.



2200+

Farmers
educated in
natural
farming

800+

Farmers
embracing
natural farming
methods

200

Farmers got
financial
assistance of
Rs. 10,000

3

District
level
exposure
visit

₹ 36.7 lakh

Business done
by our
benefited
Farmers

*It's more than just a farming practice;
it's a commitment to nurturing our
planet and enhancing lives.*

Promoting Natural Farming

The Adani Foundation is dedicated to advancing natural farming through a cow-based farming initiative. Our interconnected techniques aim to boost farmer yields, with a primary focus on enhancing soil quality. We conduct pre-testing and post-testing to manage soil carbon content effectively. These are our endeavor for promoting natural farming this year:

Training

Conducted training for **1250 farmers in 16 villages**, enlightening them about the harmful effects of chemical fertilizers. Demonstrated how to produce organic fertilizer using household products, emphasizing its benefits and cost-effectiveness. After adopting it, they witnessed its positive effects on their fields.



Kitchen Garden Kit

We have supported vegetable kitchen garden kits to 500 farmers with the aim to enable them to grow fresh and nutritious, chemical-free vegetables. This will enhance their food security and promote self-reliance.



Empowering Farmers

This year, amidst the aftermath of the cyclone, we stood by our farmers and held dedicated meetings with KVK, KCS, and DRC to restore the fallen date trees. Collaboratively, provided JCB, technical support, organic fertilizer etc. Successfully restored **615 trees**. **Each Date trees is projected to yield approximately Rs. 25,000, Total Yield in Next Season:- Rs.1.53 Cr.**

Financial Assistance

Extend financial support to 200 farmers, each receiving Rs. 10,000, a transaction gracefully facilitated by Mr. R. N. Parmar, virtually transferring funds to their bank accounts, funded by Adani Petrochemicals. This fund will help farmers in planting a total of **53,136 fruit-bearing plants**.



Raj Shakti Prakrutik Kheti Sahkari Mandali

The Adani Foundation has taken a proactive step by organizing awakening and awareness sessions to promote natural farming practices in Mundra block Villages. These efforts led to the formation of the "Raj Shakti Prakrutik Kheti Sahkari Mandali," comprised of 35 dedicated farmers who are deeply committed to natural farming. These are the activities done assisting the Mandali this year:

Interaction with Governor

Rajshakti Prakrut sahakari Mandali had Opportunity to meeting with honorable Governor of Gujarat Achrya devvrat at Gandhinagar. They got the valuable knowledge by the him on Natural Farming and gave their farm's vegetables to sir.



Appreciation by Governor

Governor of Gujarat, Shree Acharya Devvratji, encouraged 25 of our farmers practicing natural farming at the Krushi and Dairy Expo event in Bhuj. He motivating them to continue their commendable work for our mother earth.



Exposure Visits

Our farmers embarked on three eye-opening exposure visits to Gautech-2023, Bansi Gir Gaushala, and Narayan Dev Dwisatabdi Mahotsav, where they learned about new agricultural tools, various seeds, organic products, and making of Gau Krupa Amrutam organic fertilizer

Certification by GOPCA

We have successfully **certified 28 farmers** under the Gujarat Organic Products and Certification Agency (GOPCA). Now, they have authentic validation as organic farmers, ensuring they receive the best prices for their farm products.



Kutch Kalptaru FPO (KKPC) and Prakrutik Mandli

To promote horticulture, the Kutch Kalptaru FPO (KKPC) was established in 2020 by farmers from Mundra Block to address various challenges they faced. With an initial 350 shares held by 280 shareholders, the company is now expanding to include up to 5000 farmers and 537 registered share holders.

In the current year, KKPC began selling 10kg capacity packaging boxes at a minimal profit margin of Rs. 29 per box, resulting in a turnover of Rs. 10.5 lakh and a profit of Rs. 75 thousand. This initiative has indirectly supported over 800 farmers.

Regular director board meetings and capacity-building training sessions have been arranged to ensure effective management and growth. Total Turn over is Rs. 33.67 Lacs current year which is four times higher than last year which shows remarkable progress of FPO.



800
Farmers
benefited

₹ 33.67 lacs
Turn over

Green Carnival

Today, finding truly natural, chemical-free food has become a challenge. Our fruits and vegetables are often processed with chemicals, stripping them of their nutritional value. But there's hope. For years, the Adani Foundation has been supporting farmers practicing natural farming methods. However, these farmers lacked a platform to sell their produce. That's why AF has launched the Green Carnival. At Shantivan, Samudra colonies in Mundra, and KCL's Mandvi colony, we've provided a marketplace for these farmers to showcase and sell their agricultural bounty. The response has been overwhelming.

Encouraged by the positive feedback, these farmers have even established an organic produce shop in Mundra, setting an example for sustainable agriculture. Today, over **302 farmers** are part of this initiative.

Previously, these farmers sold their harvest in bulk to vendors. Now, by connecting directly with consumers, they've seen a remarkable **35% increase in their income**.

The communities of both colonies are delighted and eagerly anticipate the Green Carnival every Sunday. Together, we're not just changing food habits, but also supporting the livelihoods of those who cultivate our food, and nurturing a healthier, more sustainable future.

Total Green Carnivals = 37

Total Sell = 8,623 kg

Revenue = ₹ 3,01,805





Sustainable Livelihood - Women Empowerment

Women's empowerment holds a significant place within the Adani Foundation. Since its inception, the foundation has been dedicated to strengthening women by providing training, essential materials, and creating platforms for them to sell their products. Additionally, the foundation collaborates with the government to establish Self-Help Group (SHG) initiatives, enabling women to conduct their

businesses more effectively and encouraging savings. Through various training programs, the Adani Foundation empowers women, fostering their growth and self-reliance. Moreover, the foundation is acutely aware of hygiene and health, actively involving women in initiatives related to these crucial aspects. The holistic development of women is at the core of the foundation's approach and strategy.

We dedicated to empowering women both financially and socially. To that end, a comprehensive training program that has reached 850 women across 82+ Self Help Groups with 35+ Lacks saving Corpus, out of which 5 groups have outstanding revenue generation.

About - Project Saheli



Self Help Groups

- ✓ 82 Self Help Groups in coordination with National Rural Livelihood Mission.
- ✓ 850+ Members
- ✓ Over Rs.35 Lacs Saving Amount Corpus



Job Sourcing - Govt

- ✓ 11 Women supported for application and process of Gram Rakshak Dal, Bank Sakhi , Bima Sakhi and Professional Resouce Person.
- ✓ Average income Rs.4200 Per Month



Making SHG Self Reliant

- ✓ 16 SHG are making strides towards self-reliance.
- ✓ Various handicraft, dry and fresh food making, stitching, tie and die etc.
- ✓ 175+ women - Monthly average income @ Rs.7000 of each member/Month



Social Empowerment

- ✓ 2 Livelihood Enhancement Training through RSETI
- ✓ Financial support for business set up
- ✓ Legal rights and domestic violence workshops
- ✓ Family counselling for Job sourcing



Job Sourcing - Private

- ✓ Coordination for Job by Unnati Portal with Adani Group company companies, Britania, B Medical and Emphazer company
- ✓ 398 Women supported till date for job sourcing.
- ✓ Average income Rs.10200 Per Month

Revenue of each SHG in the FY 2023-24

Name of IG activity of SHG's/JLG/FPC's	Income 2023-24 (INR)	Cumulative income (INR)
Sonal Saheli	480250	3027450
Jay Adhar Saheli	26,500	252,066
Tejasvi Saheli	325000	3,390,150
Umang Saheli	76500	225800
Vishvas Saheli	26300	511400
Jay Momay Saheli	21000	151500
Meghadhanush Saheli	116950	597450
Sanitary Pad Group	71300	746300
Radhe Saheli	31000	870418
Shrddha Saheli	486580	1107580
Chamunda Saheli	21900	1726400
Jay shakti Saheli	2500	605500
Food Sister Sahlei	898250	898250
Jyot Saheli	40800	40800
Pantjanpir gau Saheli	412000	412000
Total	3036830	14563064

Highlights of the Work done by our SHG!



Australia 29th PM visit: Exhibition in Adani Solar

The 29th PM of Australia, Mr. Malcolm Bligh Turnbull and his wife Lucinda Mary Turnbull visited Adani, Mundra. At Adani Solar, they saw our 20+ SHG exhibition stall and interacted with over 180 working women from SHGs. Mr. Turnbull was genuinely thrilled to see women stepping out of their homes, crafting beautiful pieces, and supporting their families. Mr. Malcolm Bligh Turnbull – “It’s empowering to witness women taking charge of their livelihoods and making a difference.”



Sathwara Mela 2023-24

The event unfolded with the captivating theme of 'Powering Art Empowering Women,' setting the stage for an extraordinary celebration. Held at the prestigious Adani Corporate House in Ahmedabad, the inauguration was graced by the esteemed presence of the Honorable Chairperson of AF, Dr. Preeti G Adani, Mrs. Shilin R Adani, and Shri V.S. Gadhvi. We were delighted to welcome over 500 enthusiastic visitors to our stall, contributing to the resounding success of the event. **Notably, SHG Groups earned a remarkable income of over Rs. 75,000.**



Switzerland delegate visits SHG

Switzerland delegates made a memorable visit to Adani Solar to witness the exceptional craftsmanship showcased by our SHG exhibition. Captivated by the intricate artwork, they engaged with the women, gaining a profound understanding of their skills and purchasing a significant quantity of goods. **Overwhelmed by the quality of workmanship, they graciously extended their support by sponsoring \$100 (90,000 INR) towards our SHG.** This monumental gesture marks a historic milestone for our group.



Handicraft Day Celebration

After 3-day training from Shrujan, hosted an exhibition showcasing handmade crafts by women, alongside interactive workshops on handicraft techniques.



Workshop on Women Health

Aware the women connected to our SHG about mental and menstrual health care, benefited over 130 women, especially those neglecting personal well-being during menstruation.



Gauchar Cleaning Abhiyan

At Bujpur, 31 women initiated the 'Gauchar Cleaning Abhiyan,' with support from AF's Loader Machine. This collaboration aims to enhance environmental preservation and community development.



Women's Day celebration

Celebrated Women's Day with entrepreneur training and mental peace awareness sessions, attracting over 100 participants.



Community Health




Ensuring good health is not just a priority; it's the cornerstone of a thriving community. At the heart of Kutch, the Adani Foundation is dedicated to nurturing well-being and facilitating access to expert medical care. Collaborating closely with G.K General Hospital in Bhuj and Adani Hospital in Mundra, we tirelessly strive to enhance community health standards.

For over a decade, our commitment to community care has been unwavering, manifested through our Mobile Health Care Units, Rural Clinics, and Ayushman Cards linkages with the beneficiaries and THO. In recent years, a concerning trend of Viral, kidney and ortho related diseases has emerged due to salinity ingress. In response, we have orchestrated a series of specialized health camps to address these issues, offering essential treatment support while fostering awareness about preventive measures.

We firmly believe that both preventive and curative healthcare are fundamental pillars for sustaining community well-being and fostering economic prosperity. Our aim is to strike a harmonious balance, paving the way for a journey of longevity, vitality, and fulfilment for all those under the care of the Adani Foundation.

Summary of Healthcare Initiatives for the Year

This year, we provided **41,546** medical health services and conducted health awareness camps for **763 High school students**. Our annual medical facilities have made a significant impact in improving healthcare access and awareness. Here are the direct beneficiaries of our endeavor:


 **2,108** Medical Support to needy patients


 **118** Dialysis Support


 **10,477** Mobile Van

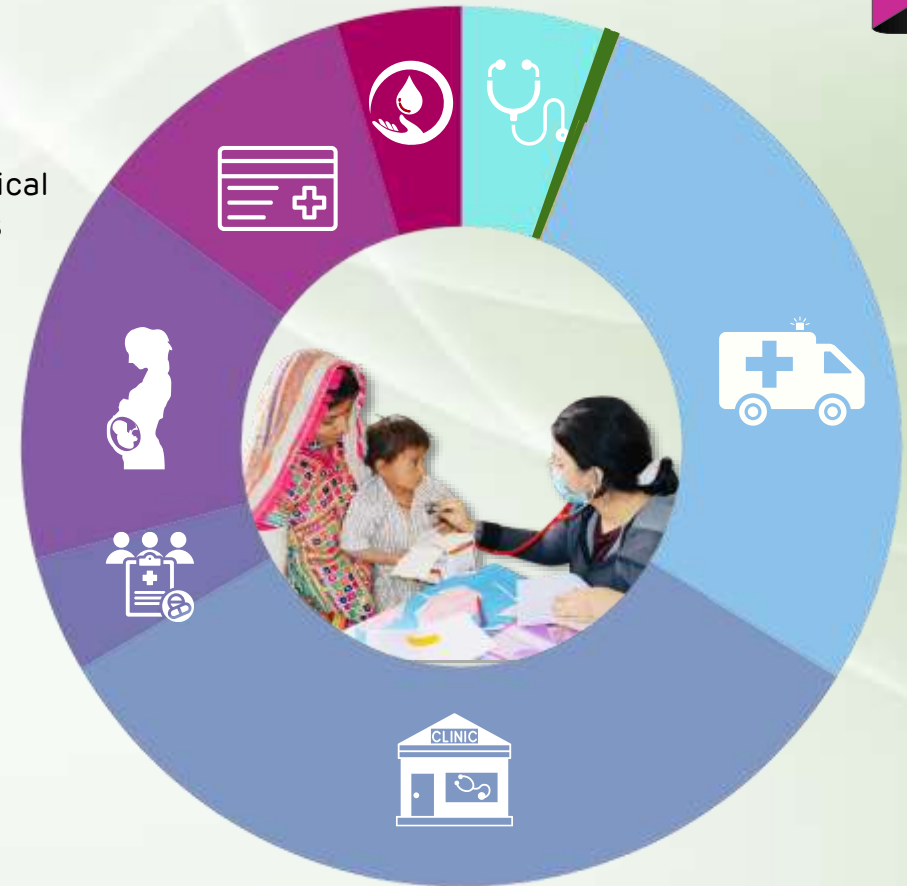
 **12,850** Rural Clinic

 **1,618** Health Camp

 **5,795** Specialty Health Camp

 **6,865** Ayushman Card till date

 **1,715** Blood Donation Camp



- Medical Support – 5.5%
- Dialysis Support – 0.3%
- Mobile Van – 27.2%
- Rural Clinic – 33.3%
- Health Camp – 4.3%
- Specialty Health Camp – 15%
- Ayushman Card – 10.02%
- Blood Donation Camp – 4.5%



Rural Clinic & Mobile Health Care Unit

Health stands as the cornerstone for community development, and to revolutionize rural healthcare, the Adani Foundation has launched the 'Mobile Health Care' and 'Rural Clinic Service'. These initiatives aim to offer primary, preventive, and curative healthcare services accessible in remote and inaccessible areas, a commitment upheld for over a decade.

Rural Clinic



Rural clinics extend their services to 5 villages in Mundra and 2 villages of Mandavi Block. The services of both MHCU and Rural Clinics are accessible to patients at token charges of Rs. 20 per visit.



Mobile Healthcare Unit

MHU is equipped with a range of integrated medical devices enabling staff to conduct preliminary check-ups. With over 90 types of essential lifesaving medicines available, the Mobile Health Care Unit covers 29 villages with 7 fishermen settlements. Services provided include blood pressure checking, sugar testing, and ECG assessments.



Ayushman card facilitation

In a world where medical costs are overwhelming, the Ayushman Card offers hope by providing affordable access to quality healthcare. The Adani Foundation bridges the gap between the government and those in need ensuring that 3865 people received this vital resource. Ayushman Bharat PM-JAY provides Rs. 10 lakhs per card owner for secondary and tertiary care, Adani Foundation is aiming to achieve 100% coverage in Mundra's villages.

25 Village

6,865

Ayushman cards Issued

686.50 Cr

Health insurance

** Funded by - Kutch Copper Limited*



Supporting Individuals



The Adani Foundation extends financial assistance to the most economically challenged patients facing life-threatening diseases such as those related to the heart, liver, kidney, and cancer. This support comes with minimum participation requirements, ensuring access to crucial medical care.

In the current year, a total of 2,108 patients from Mundra, Mandavi, and Anjar Block have received support at Adani Hospital, Mundra. This assistance underscores our commitment to providing essential healthcare services to those in need, regardless of economic status. The medical staff of GKGH stood with us in these endeavors.

Dialysis Support



In the arid region of Kutch, particularly in Mundra where saline drinking water is prevalent, cases of urinary stones and kidney failure are significant. To address this issue, a dialysis support project has been initiated to provide essential dialysis treatment to the most vulnerable patients, enabling them to lead healthier lives.

This year, a total of 2 patients have been supported with regular dialysis sessions, twice a week. Regular dialysis sessions have notably improved the patients' conditions, extended their life expectancy and enhanced their quality of life.

Special Camp

Cataract-Free Mundra



The initiative is a dedicated effort to eradicate cataract-related vision impairments specially focused on Senior citizen through Meticulous planning as below.

Lives Impacted :- 1131

- Comprehensive Eye Screenings at Village level
 - Cataract Surgeries to GKGH ,Bhuj
 - Post-Operative Care and Follow-up
 - 5 successful Operation



This year Adani Foundation organized numerous special health camps, such as blood donation camps where 1715 donors contributed, helping save countless lives.



Conducted health programs for students, engaging 763 participants, and held sessions on Personal Health & Hygiene Awareness, addressing critical health issues and promoting overall well-being.



Our camps for pregnant women provided essential prenatal care, ensuring healthier pregnancies and safer deliveries. It benefited 809 pregnant women.



Conducted a pediatric health camp, nurturing the health of 628 children and ensuring their well-being.

GKGH medical staff support in all camps.

Preventive health Campaign

The Adani Foundation is focusing on providing preventive healthcare to women and adolescent girls, raising awareness of Physical and Mental health issues, promoting healthy behaviors, implementing Menstrual hygiene initiatives and Millet consumption for healthy body.

Sample Survey Report 2023-24

- 55%** Never heard about Menstrual hygiene
- 60%** Are using cloths on regular basis
- 36%** Had never used sanitary pads
- 68%** Had no information about UTI
- 30%** Never used millets in their diet
- 60%** Never heard about millets or it's benefits.



Menstrual & Mental Health Awareness Drive:



We organized impactful awareness camps in various villages, empowering women and adolescent girls with knowledge about menstrual hygiene, ensuring both physical and mental fitness.

Impact:

- 36%** Growing usage of sanitary napkins
- 22%** reduction in UTI
- 2610** women & girls benefited

International year of Millets – 2023



To promote millet culture and raise awareness about its benefits in Mundra, we organized a Millet Competition across nine villages. **Over 715 women took part in the competition, while 2200 benefited from awareness sessions. Through this initiative, 300 indigenous millet recipes were showcased**, highlighting the potential for sustainable and nutritious dishes in our daily diets.

Impact:

- 65%** of women are using millet in their regular diet.
- 17%** Women grappling with obesity and diabetes are experiencing positive transformations in their health, evident in significant weight loss.

Millets Food Festival

In the wake of the "International Year of Millet" in 2023, KCL took decisive steps to promote the nutritional and empower women from remote area of Mundra Taluka.

Across the villages of Mundra Taluka, KCL organized a series of millet awareness camps and a thrilling millet food competition. The response was nothing short of remarkable, with 715 women actively participating and sharing 300 indigenous millet recipes. To commemorate this achievement, we hosted a grand millet festival at Adani House, in which 120 women showcased a diverse array of millet dishes, each one bursting with flavor and nutritional value.

But the significance of the event extended beyond mere culinary delight. Women spoke of how millets had become integral to their lives, aiding them in combating long-term ailments. They are very much grateful for these awareness camps and look forward to such health-promoting events.

At this event, we had the privilege of welcoming esteemed guests, including Mr. Sujal Shah (CEO, APSEZ), Mrs. Rachna Joshi (President, Mundra Nagar Palika), Mr. Pandya (Program officer, ICDS), Mr. Saurabh Shah (Head Corporate Affairs, APSEZ), and Mrs. Nehalben (Nutrition expert). Their presence added immense value to our gathering.



Community Infrastructure Development

Adani Foundation is dedicated to enhancing the quality of life of communities under the Community Infrastructure Development Initiative. It acknowledges the government's role in providing fundamental infrastructure facilities and strives to bridge gaps, ensuring its activities are tailored to meet specific needs and responsive to grassroots requirements.

Some of the initiatives include constructing check dams, deepening ponds to augment water storage capacity, infrastructure support to fisherfolk communities, developing secure education premises and facilitating access to clean drinking water for villagers.



CID endeavor of FY 2023-24



Renovation Check dam and CC road work at Nani Khakhar – 200+ benefited



Renovation of High School at Zaarapa – 2200+ Benefited



Construction of Pipe Culvert – 400+ Benefited



Construction of chain-link fencing at Mangra village – 300 people benefited



Gaushala Shed at Zarapara village – 400 cattle benefited



195 Stall – Vegetable market– 900+ Vegetable vendor benefited



Renovation of approach road, Zarapara – benefiting 400 villagers



Renovation of Civil and Electrical Work at ITI, Mundra - 500 students benefited

CID endeavor of FY 2023-24



Construction of 21 Borewell Recharge in Nagmati River - 150+ farmer benefited



Check dam Desilting and restoration at Nana Bhadiya – 100+ farmers benefited



Renovation of Check dam at Pavadiyara village - 300 people benefited



Renovation of Balwadi at Juna bandar & Luni bandar



185 RRWHS construction is ongoing in various villages - will benefit 1300+ residents



Supply & installation of Solar panel (3.25 KV) at CGP, Mundra – benefiting 1200 people



Development of Model Farm in Zarpara, Siracha & Mangra – Benefiting 300 people



Renovation of approach road at various fisherfolk vasahat

Community Resource Centre



Government Scheme Facilitation				
Sr. No	Scheme Detail	Gov. Support Rs/Month.	Total Beneficiaries	Total Amount per Month (INR)
1	Widow Pension	1250	674	28323150
2	Bal seva Ayog	2000	49	3430000
3	Divyang pension	1000	27	586000
5	Niradhar Pension	1000	126	5178000
6	Palak Mata Pita	3000	5	696000
Total			1439	38213150



Community resource Centre is the bridge between Government Schemes and real Beneficiaries. It is situated at Adani Field Office, Baroi with the motive to be Single window point solution (Online Application & Documentation) to Facilitate Government Schemes leveraged to needy and Eligible people.

Till Date 1439 beneficiaries are getting aid of Widow Pension scheme, Senior Citizen and Divyang pension scheme and Palak Mata Pita Scheme 3.81 Crore Monthly by procedure support of AF.

Key Achievements of Community Resource Center

One time

Sr.No	Gove Scheme one Time	Gov. Support	Total Beneficiaries	Total Amount/Year
1	Covid Support One Time	50000	12	600000
2	Vahali Dikri @ 18 Year	110000	113	12430000
3	Divayang Sadhan Sahay one time	5000	176	880000
4	Manrega (NB21)	22000	32	704000
5	Pagadiya Sadhan Sahay Yojana	9000	9	81000
6	Gau Dattak Yojana	10800	857	9255600
7	Gobardhan Yojana	42000	100	4200000
8	Fishermen Shram Yojna		163	
			1487	28150600





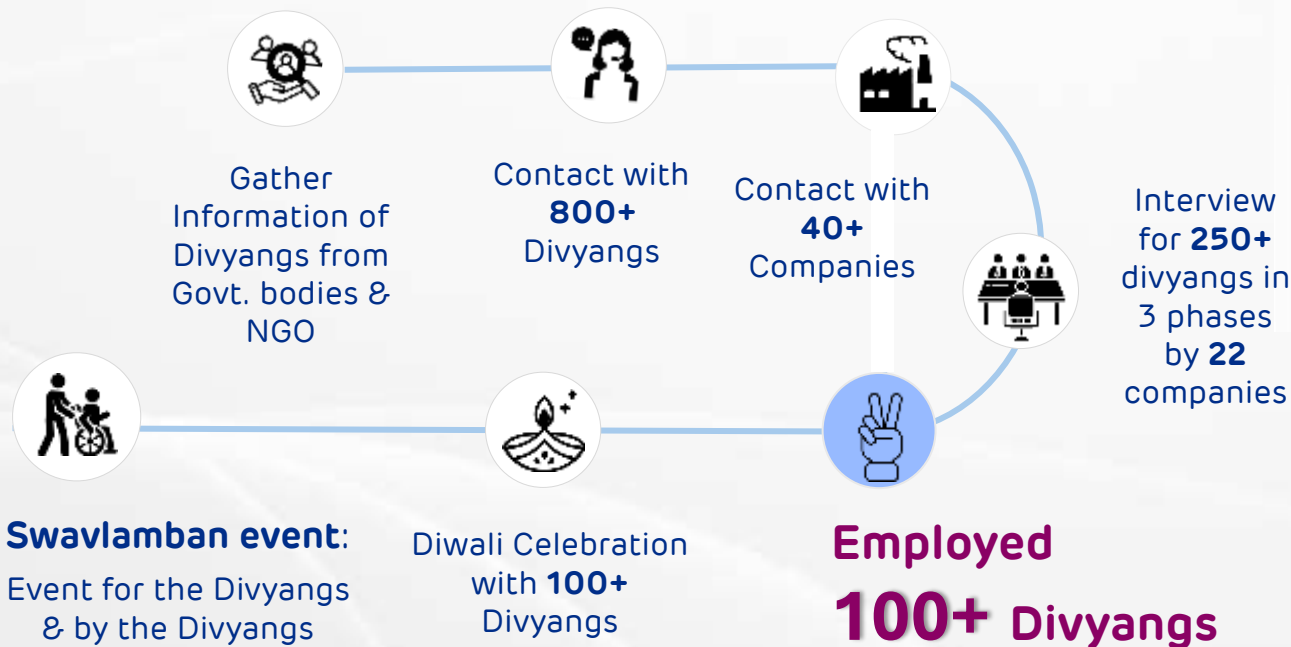
Swavlamban - Project for Divyangs

Adani Foundation's vision extends beyond Aid, focusing on dignity and sustainability through meaningful employment. While equipment support offers mobility, employment bestows the dignity to stand tall in society.

With noble intentions in mind, this year, we organized a mega employment drive. Our goal is to provide job opportunities to over 100 disabled individuals.

We've conducted interviews in three phases, for 250+ divyang candidates engaging 22 companies from Adani Groups and other reputed firms in Mundra.

➤ Roadmap of this incredible vision:



Diwali Celebration

After the successful completion of the 1st phase of the Divyang Employment Fair on November 8th, we gathered to share the joy of Diwali with over 100 remarkable divyangs.

In the spirit of uplifting divyangs, we have also invited advocates dedicated to the well-being of disabled people. Mrs. Anni Rakshit Shah and Mrs. Rupa Kapoor graced us with their presence as chief guests. Our invitation also extended to the HR representatives of Adani Group and SEZL companies.

On this auspicious occasion, we **equipped 32 divyangs with essential tools such as wheelchairs, tricycles, harmoniums, and facilitated 10 divyangs through government schemes.**

To express our gratitude to those who have dedicated their lives to improving the lives of disabled individuals, we honored them with certificates and mementos.

Just as we light up our homes with glowing diyas during Diwali, the smiling faces of these divyang individuals illuminated our Adani House during this event. It was a celebration that went beyond the ordinary, leaving a lasting impression of compassion and unity.



Swavlamban Event

In the spirit of hard work and dedication, the Adani Foundation concluded its Divyang Employment Fair, marking a significant milestone in transforming lives. Through three phases of dedicated effort, the Foundation successfully secured over 100 employments, providing a newfound sense of self-reliance to individuals with disabilities.

Notably, 35 divyangs were equipped with essential employment tools, fostering self-sufficiency. To commemorate this achievement and honour the divyangs, companies, and advocates of inclusivity, the Foundation organized the Swavlamban event on December 5th at GAIMS, Bhuj.

The event garnered the presence of esteemed personalities, including Jeet Adani, Director of Adani Group, V.J. Rajput, Commissioner for Persons with Disabilities, and Nimesh Pandya, Ed. of Kutch collector, among others.

This celebration was a testament to the Foundation's commitment to redefining the narrative around disability and employment.

As the Adani Foundation rejoices in this achievement, it reaffirms its commitment to ongoing efforts that positively impact the lives of differently-abled individuals, embodying a vision of a more inclusive and empowered society.



Our Pride from Divyang Employment Fair !



Bhimaji Maheswari
DEO, Mundra Windtech Ltd



Patani Govind Babu
Document Officer, KCL, Mundra



Arjan Gadhavi
DEO, Adani Solar, Mundra



Govind Maheswari
DEO, Mundra Windtech Ltd



Devangh Gadhavi
DEO, Adani Solar, Mundra



Jadeja Natubha Gangji
KCRC NGO, Bhuj



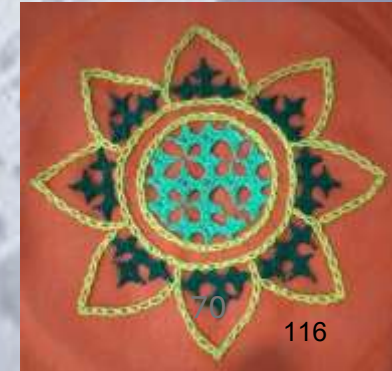
Arti Nilesh Jethva
Trainer, ASDC, Mundra



Bharat Makwana
CMR, Admin, Adani house

Adani Skill Development

Adani Skill Development Centre (ASDC) is dedicated to enhancing employability and entrepreneurship. This year, ASDC has trained 50,00 individuals across Kutch, resulting in 65% livelihood generation. Their innovative courses cover diverse sectors, and they have played a significant role in empowering marginalized communities in places like Mundra and Bhuj, Gujarat. ASDC's vision is to make everyone skilled and employable, meeting industry demands through trained manpower.



ASDC Mundra Center

Course Name	Gender Category		Total
	Female	Male	
Digital Literacy	04	03	07
Mud Work	180	00	180
JOC (RTG Crane Operator)	00	79	79
Hydrography	00	03	03
Advance Excel	00	18	18
Domestic data entry operator	23	30	53
Tally with GST	02	00	02
Hand Embroidery	170	00	170
Dori/ Macramé Work	90	00	90
Food & Beverage	20	12	32
General Housekeeper	60	00	60
Beauty Therapist	40	00	40
Total	589	145	734

ASDC Bhuj Center

Course Name	Gender Category		Total
	Female	Male	
General duty Assistant	84	20	104
Digital literacy	46	16	62
Hydrography	9	0	09
Industrial Safety	1	0	01
5S	1	0	01
Entrepreneurship Development program	60	0	60
Domestic data entry operator	25	0	25
Financial Literacy	64	0	64
Diet and Nutrition	50	0	50
First aid	18	0	18
Interview skills	11	0	11
Total	369	36	405

ASDC Mundra Center

At Mundra Center ASDC, our mission is to equip young individuals with the skills necessary for success. In the current year, a remarkable 734 youth have undergone comprehensive skill training. Our unwavering commitment extends to ensuring that every aspiring professional receives an opportunity for growth and development. Almost 99% of our fees are tied up with various companies, allowing students to access high-quality training without financial barriers.

Other Activities & Achievements

- i. Women Empowerment through Skill Training: Provided Mud work training to 180 women in Mundra taluka villages supported by MPL.
- ii. RTG Crane Operator Training: Collaborated with APSEZ HR Team to train 79 students.
- iii. Dori Work and Hand Embroidery Training: Benefited 90 women in various Mundra villages supported by MPL.
- iv. Health Awareness and Career Sessions: 108 Ambulance Department enlightened GDA trainees at Adani Institute of Medical Sciences. Guest session on career advancement led by Mr. Kapil Goswami.
- v. Exposure Visit for Women: Women trained in Mud Work, Dori Work, and Hand Embroidery showcased their skills during a visit by foreign delegates to the Solar Plant.
- vi. Women's Related Training Seminar: Held at Matr Vandana College, Bidada, Mandvi.



ASDC Bhuj Center

ASDC Bhuj, established following successful skill development initiatives, is a beacon for aspiring professionals. Driven by youth demand, this center plays a pivotal role in providing crucial training for self-development and enhancing personality traits.

Our mission is clear: to equip young individuals with essential skills that position them for success in the job market. With almost 58% of fees tied up by ASDC through strategic partnerships and 42% of fees contributed by students, we ensure that financial barriers do not hinder skill acquisition.

Other Activities & Achievements

- i. Commendation from Shree Jeet Adani: Received appreciation for supporting the Divyang job fair.
- ii. Employee Development Initiatives: Conducted Advanced Excel training for 18 Sumitomo India Ltd employees
- iii. Entrepreneurship Development Program: Organized a comprehensive 12-day program with 60 diverse candidates.
- iv. New Trainee Orientation: Conducted sessions about SAKSHAM center and LMS registration at the Bhuj Centre.
- v. Civil Defense Training (5 days): Covered essential topics including Disaster Management, First Aid, 181 Mahila Helpline, 108 Emergency Services, and Fire Safety.
- vi. F&B & Housekeeping Batch Inauguration: 92 students trained to enhance employability.
- vii. Indo-Euro Project Seminar: Arranged at various Nursing Colleges in Kutch District. Focused on German Language training and job placements.
- viii. Crucial Meeting with ISAR & UNICEF: Discussed future skill development challenges and transgender equality on 9th December 2023.



AKBPTL - TUNA



CID:

The paver block work at Vandi and Tuna Common Gathering which enhances their usability and convenience for the community. Community hall Room construction at Rampar is completed. It will benefit 1010 fishermen.



Potable Water Distribution:

Potable water (17.5 KL per Day) Distribution to Vandi, Vira and Dhavar varo Bandar on regular base through Water tanker Regularly through **AKBTPL and GWIL**. This initiative **benefited 2230 Fishermen**.



Prakrut Rath -Tree Plantation:

Total 3000 Tree sapling were distributed to individual, And 500 tree have planted at Common place and school with ensure their responsibility for watering and caring.



Fodder Support:

Support of Dry & Green Fodder to Tuna and Rampar Village and Gaushala during Scarcity. That impacted on Cattle health and Milk Productivity.

7410 kg Dry fodder

4,47,473 kg Green fodder

1228 Cattle Benefited



3000 Tree plantation



193 Benefited by Mobile Van

56 Benefited by Medical support

AGEL – Khavda

Adani Green Energy Ltd. Khavda renewable solar plant is a hybrid power project that will use both solar and wind energy to generate electricity. It will be built in the Khavda desert along the Indo-Pak border in Kutch district of Gujarat, having a total capacity of 20,000 megawatts (MW), making it the world's largest hybrid renewable energy park and will be cover an area of 72,600 hectares of waste land. It is expected to play a major role in fulfilling India's vision of generating 450 gigawatts (GW) of renewable power by 2030.

Our Vision for Khavda:



Empowering through Education: Elevate overall academic results, champion girl child education, and ignite a passion for technical streams. We aspire to pave the way for stable employment, fostering a prosperous livelihood for the youth.



Empowering Khavda's Women: Empower 1000+ women socially, economically, and financially through the establishment of a strong federation "Sarhadi Mahila Vikas Sangathan"



Elevating Healthcare: Provide quality healthcare services in 22 villages of Khavda, with a primary focus on enhancing women and child health.



Water Positive Villages: Achieve water positivity in 8 villages of Khavda through our dedicated water conservation structures. We aim to create sustainable solutions for water availability, ensuring a secure and flourishing future for these communities.



Transforming lives in Khavda!

Nestled deep within the remote borderlands of Kutchh, Khavda grapples with the harsh reality of limited access to fundamental necessities: education, healthcare, clean water, and crucial preventive care for women. In response to these pressing challenges, the Adani Foundation has embarked on a transformative journey, launching four visionary projects aimed at illuminating hope and progress across Khavda and its surrounding villages.

Recently, luminaries including Mr. Amit Arora, the Collector of Kutchh, Mr. Verma, Plant Head of AGEL, and Mr. Sanjay Avinash, BSF Head Bt.72, convened with local leaders from 26 villages to honor the Foundation's unwavering commitment.

Amidst accolades and appreciation, Mr. Amit Arora lauded the Foundation's healthcare initiatives and advocated for further support, proposing the launch of an "Arogya Van" to bridge the gap in access.

Echoing this sentiment, Mr. Sanjay Avinash championed the pursuit of higher education, heralding a beacon of hope for the community. As the event culminated with the felicitation of five specialist doctors by the District Collector, it underscored the profound impact of the Adani Foundation's endeavors, igniting a flame of optimism that illuminates the path towards a brighter tomorrow.



Endeavor In Core Areas:



Education – Project Utthan:

Through our Utthan project, we've embraced 8 high schools.

Our mission: Elevate 10th board results, boost attendance, slash dropout rates, promote girls' education, and uplift education quality in Khavda.

At this high schools, we've enlisted 8 dedicated Utthan Sahayaks, equipped with specialized training. They're laser-focused on bolstering core subjects such as Math, Science, and English. Additionally, we've brought on board 2 community mobilizers, tasked with persuading parents to prioritize their children's education, particularly for girls.

Fostering ambition & motivation by facilitating with Industrial visit & notebook distribution



Empowering 364 Students



Health Care:

The community struggles with limited healthcare resources, including just one CHC with a single general doctor, no specialized care for women and children, and insufficient diagnostic equipment. Financial constraints further hinder access to medical services.

To improve healthcare, we're tackling diseases in two ways: through health camps and Adani Arogya Karyakram Khavda CHC for treatment, and dedicated awareness camps for prevention.

Curative Health Camp:

Adani Arogya Karyakram Khavda CHC:

Gynec	Pedia	Physi	Ortho	Optho
555	640	283	206	197

Health Camp:

Gynec	Pedia	Physi	Ortho	Optho
278	455	579	61	139



42 Villages benefited



3433 patients benefited

Preventive Health Camp:

Actively promoting preventive health awareness through family planning education, menstrual hygiene workshops, nutrition advocacy, mental health awareness sessions. Conducted 49 training in 38 villages.



1453 Women Benefited



1300 Pad Distributed

Endeavor In Core Areas:



CID – Water Conservation

In Khavda, water scarcity is critical: supply is weekly, groundwater levels are low, and villagers and animals share a single pond. Students drink unfiltered water at school, and rainwater flows away, unused.

1. Kuran village – Pond deepening & Filter well
2. Tuga village - Check dam maintenance



15 lakh cum



3600+ villagers benefited

Other CID work

1. Roof Shed in khavda High school
2. RO plant in 5 High school

350+ students benefited



Farmer welfare:

In Khavda, agriculture struggles due to limited knowledge and challenges like water scarcity and soil fertility issues, despite 80% of the population being engaged in dairy farming.

To educate farmers we organized an awareness camp for **275 farmers**, encouraging them to join the **ATMA Government Sanstha**. This initiative aims to provide guidance on conventional agriculture techniques and exposure to modern farming methods and tools.



Women Empowerment:

Women empowerment initiatives are underway, emphasizing financial independence and self-reliance.

Conducting awareness camps across 38 villages, we're educating women about the importance of having Saving Accounts, Through awareness camps, established Saving Account Groups, forming 7 SHG with 150 women.



15 SHG formed



150+ Women Economically Empowered

Green Energy



AGEL – Dayapar & Mandvi



Dayapar Adani Wind Energy project is a large-scale wind power project located in the Kutch district of Gujarat, India. It is one of the biggest wind farms in the country, with a total capacity of 575 MW. The project was developed by Adani Group and Inox Wind, its project was commissioned in April 2019 and supplies clean energy to various states in India through power purchase agreements with Maharashtra State Electricity Distribution, NTPC and PTC India.

Our Vision for Dayapar & Mandavi:



Water Positive Villages: Achieve water positivity in 42 villages of Dayapar through our dedicated water conservation structures. We aim to stablish sustainable solutions ensuring reliable water availability.



Improve Animal Husbandry: Focus on the health of cattle by providing vaccinations, medical treatment, and highly nutritious food to cattle. Helping Cattle owners to generate good revenue and sustain their livelihoods.



Enhance Education: Enhance the school's infrastructure and financially support students for educational equipment, providing them with a modern classroom environment equipped with the modern technology.



Health Services: Provide medical services to 3500 people of Dyapar and connect them with government medical schemes.



Endeavor In Core Areas:



CID – Water Conservation

Kutch suffers from a water shortage, particularly in the Dayarpar region, which receives the least amount of rainfall and has high TDS groundwater. To conserve as much water as possible in the AGEL Dayarpar region, the Adani Foundation has initiated various pond deepening and check dam restoration projects.

Sustainable Water Management projects:

1. Pond deepening in 8 Villages
2. Check Dam renovation & deepening in 2 villages
3. Over Head Portable Water Tank in 1 village

10.4 lakh cum
Water capacity

985 acers
Water rich land

1500+
Farmers Benefited

50,000/Ltr
Capacity of Over head water tank



SLD - Kamdhenu:

The Dayapar people rely largely on animal husbandry as their second most important income source, after agriculture. But villagers lack in sufficient knowledge on the dietary needs and vaccinations for cattle.

To educate them we are organizing cattle treatment and vaccination program, workshop on Animal Husbandry, and participating in Krushi Mela providing cattle owners mineral mixers to improve animal health and milk production.



455
cattle owners
provided Mixture
Mineral

1500
cattle Vaccination

Endeavor In Core Areas:



CID - Education:

Committed to improving educational infrastructure to ensure every student in Dayapar has access to safe and quality education environment. Through smart classes and material support, we're easing financial burdens and creating engaging learning environments. For good health of students ensuring portable water facility and tree plantation drive in schools.

Support	School
LED TV for smart class	3
Morden Education tools	2
Education kit support	2
Portable water facility	3
Eco club	1
School renovation	2



Health Care:

In AGEL Dayapar region, the health condition is concerning with major diseases like kidney stones and arthritis are prevalent in the villages. To battle this situation we are conducting health camps and organized Ayushman Bharat card camps. During these events, we distributed medicine free of cost to patients and provided recommendations for optimal treatment to those in need.

AGEL/ Adani foundation have supported 20 different equipment like Cardiac Machine, Semi auto analyzer, and other medical tools at CHC Dayapar which is going to facilitate 56 villages benefiting 62,500+ population.



618 Health camp Beneficiaries

86 Ayushman card Beneficiaries

₹8.6 Cr. Medical Coverage



13
Schools
Benefited



1500+
Students
Empowered

Adani Cement - Sanghi



Adani Cement Plant, prominently located near Moti Ber Village in the Abdasa block of Kutch, Gujarat, stands as a distinguished entity in the cement industry. Our facility is not just a cornerstone of the local economy, but also a pivotal contributor to the community's development. With a robust and integrated manufacturing infrastructure, we boast:

- A 6.6 MMTPA (Million Metric Tones Per Annum) capacity Clinker Plant
- A 6.1 MMTPA capacity Cement Plant
- Power generation facilities with a capacity of 143 MW.

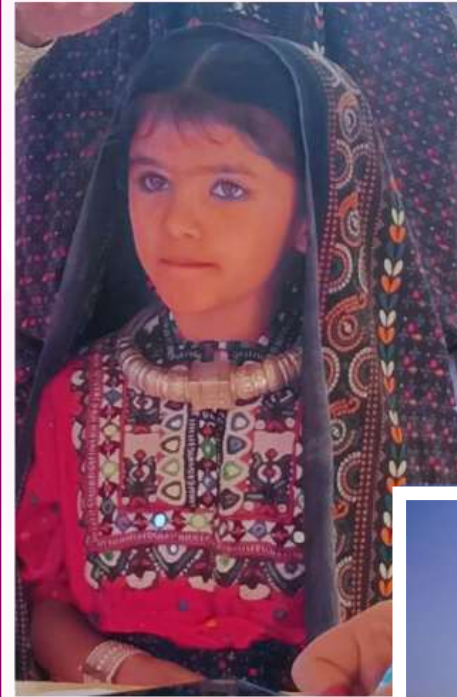
About Abdasa:

Abdasa is a region of Gujarat's Kutch district, defined by its diverse geography and rich cultural tapestry, influenced by different communities, agriculture crops and livestock rearing, particularly cattle and camel husbandry, is integral to the region's livelihoods.

The coastal areas support fishing communities, despite progress in infrastructure and development, Abdasa faces challenges related to water scarcity, education, and healthcare, while its diverse culture and unique landscapes continue to define its identity.

Our vision:

To foster and create a sustainable future for all by providing affordable and accessible facilities at the core of health, education, livelihood, and infrastructure.



Endeavor In Core Areas:



Joyful Beginnings:

Our CSR journey in Sanghi commenced with a joyous Christmas celebration at Adani Cement Abdasa on December 24th. The event, attended by over 500 students and parents, featured cultural performances and dance competitions, spreading festive cheer. Esteemed guests, including Mr. Vivek Misra, Head of Adani Cement Plant, Sanghipuram, Mr. Pushkar Chaudhry, HR Head, and Mrs. Pankti Shah, Gujarat CSR Head, graced the occasion.



Health:



Addressing the pressing healthcare needs of residents near Adani Cement Sanghipuram, a series of specialty health camps were launched. These camps, featuring Pediatric, Gynecological, Ophthalmic, and General medical services, aimed to bridge the gap in access to specialized healthcare. Previously, locals had to travel long distances to Naliya or Bhuj for medical care. By bringing essential health services directly to the communities, these camps have made a significant impact, offering health check-ups, consultations, and treatment for various illnesses and conditions, ensuring better healthcare accessibility for all.



1200 patients benefited



11 Villages benefited

Endeavor In Core Areas:



Road Superheroes:

Introducing the "Road Superheroes" Health Care Program, tailored specifically for the drivers of

Adani Cement Abdasa, dedicated to promoting health awareness and preventive care within our driving community.

This holistic initiative comprises five vital stages:

1. Health Screening
2. Telehealth Services
3. De-addiction Awareness
4. Stress Management & Yoga
5. Regular Health Tracking

A two-day health screening camp held at Adani Cement, offered comprehensive health assessments, including vision tests, blood pressure measurements, ECG, diabetes screenings, and BMI evaluations, alongside expert consultations.

150
Drivers Benefited
& Receive Health Card



Tree Plantation Initiative:

Adani Cement Campus hosted a remarkable tree planting drive as part of our employee volunteer program. More than 50 enthusiastic employees joined forces to plant trees, showcasing our dedication to a greener future. This collective effort exemplifies our commitment to environmental conservation and responsible corporate citizenship.





adani
Cement

NDTV

adani
Foundation

અદાણી ફાઉન્ડેશન દ્વારા

અબડાસા વિસ્તારમાં સામાજિક ઉત્તરદાયિત્વના ભાગરૂપે

શૈક્ષણિક કાર્યનો શુભારંભ

adani
Foundation

અદાણી ફાઉન્ડેશન
આપનું હાર્દિક સ્વાગત કરે છે.

સ્થળ : મોટી બેર, અબડાસા
સમય : ૧૦:૩૦ કલાકે

NDTV, or New Delhi Television Limited, stands as one of India's premier news networks, renowned for its steadfast commitment to journalistic integrity and comprehensive coverage. Founded in 1988 by Radhika Roy and Prannoy Roy, NDTV has emerged as a trusted source of news and analysis, shaping public discourse on critical issues both within India and around the world.

At the heart of NDTV's ethos lies an unwavering dedication to delivering unbiased, credible, and impactful journalism



Empowerment through Education:

In Abdasa Block, the AF, partnering with NDTV, is revolutionizing education through CSR initiatives. Faced with low literacy rates and infrastructure challenges, the Foundation conducted a thorough needs analysis. This led to targeted interventions, including:

1. **Smart Classes: Implemented in 10 primary schools for interactive learning.**
2. **School Building & Bala Painting: Creating vibrant learning spaces.**
3. **Educational Kits Distribution: Providing 1,150 students in 15 schools with essential learning materials.**

A momentous **Handing Over Ceremony** unfolded in Moti Ber Village, Abdasa, marking the debut of Smart Classes and vibrant Bala Painting in 15 primary schools.

A notable announcement by Mr. Vivek Mishra, Plant head, Adani cement, Sanghipuram unveiled plans for a forthcoming hospital within Sangji premises, promising enhanced community healthcare access.

In this overwhelming event **1,150 students facilitated with essential education kits** and teachers were honored with memento.



Shree Renuka Sugar Ltd.

Shree Renuka Sugars Limited stands as a globally recognized agribusiness and bio-energy corporation, covering the entire sugar value chain.

As one of India's largest producers of sugar and green energy, Renuka is at the forefront of sugar manufacturing. With eight cutting-edge sugar mills, many equipped with ethanol and power co-generation capabilities, Renuka leads the industry. Additionally, Renuka operates two of India's largest port-based refineries.



Education:

Committed to improving educational infrastructure to ensure every student has access to safe and quality education environment; we are committed to do following work:

- Renovation of 15 Anganwadi in Kidana, Bharapar, Tuna, Rapar and Wandi village benefiting **600+ students**. Also, supporting primary schools with smart class education equipment.
- Bala Panting and construction of stage in Primary school, Rapar.



Water Conservation Project

To support the community with secure and safe water we are dedicated in implementing water project.

Sustainable Water Management projects:

1. **Pond deepening work in Kidana, Bharapar and Tuna Villages. It will benefit 600+ villagers and will have 24,000 CUM water holding capacity.**
2. **Construction of RO plant room with installation of 1000 ltr./ hr RO System.**



AESL



Adani Energy Solutions Ltd, formerly known as Adani Transmission Ltd, is an electric power transmission company.

ATL is the country's largest private transmission company, with a presence across 16 states of India and a cumulative transmission network of 19,800 ckm and 53,000 MVA transformation capacity.

In its distribution business, AESL serves more than 12 million consumers in metropolitan Mumbai and the industrial hub of Mundra SEZ. AESL is ramping up its smart metering business and is on course to become India's leading smart metering integrator.

Course of Action in ATL's Villages:

Upon receiving the CSR responsibility for villages under ATL, the Adani Foundation embarked on a mission to address community challenges. Recognizing the pressing issue of increased salinity affecting water availability for daily needs and agriculture, we initiated work on water conservation structures as a sustainable solution to alleviate the villagers' hardships.

- **Initiated Pond deepening and Check dam restrengthening work in 5 villages of Rapar and Mandvi Taluka.**
- **Additionally, started working for Cattle Health Camp and tree plantation drive.**



27,200 cum
Water Capacity



17,000+ villagers
benefited



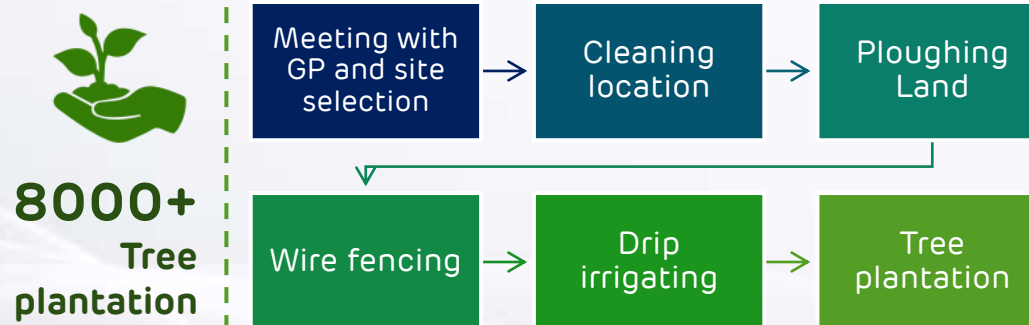
CER – APSEZ



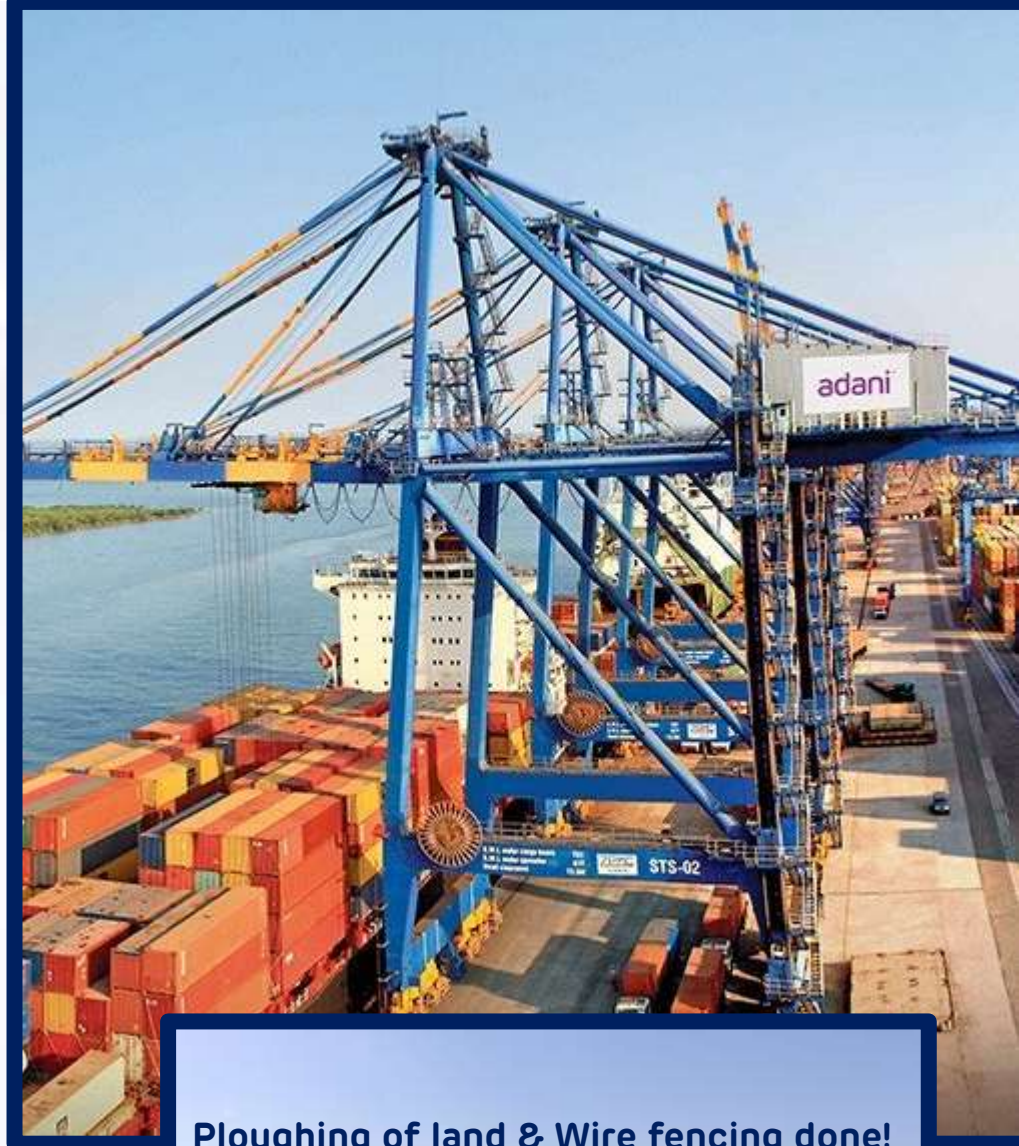
Adani Ports and Special Economic Zone Limited, a subsidiary of Adani Group, is India's largest private port Operator, operating 12 ports and terminals, including India's first deep water Transshipment Port Vizhinjam International Seaport Thiruvananthapuram and India's first port-based SEZ at Mundra.

Course of Action:

Taking on the CER responsibility from APSEZ, the Adani Foundation has undertaken a massive tree plantation drive in Moti Bhujpar. To ensure its success, we have devised a comprehensive six-step plan.



Our initiative represents a sustainable approach to addressing environmental challenges and reducing carbon emissions.



Ploughing of land & Wire fencing done!





Work done during Biparjoy Cyclone

Cyclone Biparjoy caused huge losses in Mundra and nearby villages. Adani Foundation's worked for relief and recovery with Panchayat & Government body. More than 17,000 people benefited from various efforts.

Adani foundation consider this as ethical responsibility and a source of satisfaction. Stakeholders and government bodies also appreciated the efforts.

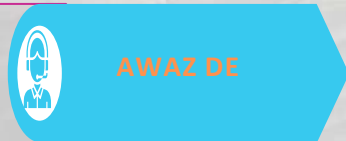
Meetings with Taluka & District government officials to facilitate assistance and coordination with local authorities.



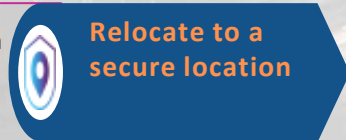
Health teams and ambulances on standby in case of emergency.



Reached to more than 10000 people by Awaz de to aware all, specially for fisherfolk settlement.



4500+ Workforce migration with basic amenities.



100+ Team member distributed for each taluka/Villages as per requirement



Monitoring

Tracking the cyclone's progress by AF team member.



Connect

Team members in directly touch with 10 Temporary housing & 60 Villages.



Government

Co-ordinating with Government organizations from Talati to Collector.



Panchayat

Co-ordinate with Gram panchayat in case they need any emergency support.

Pre-cyclone preparation



- Team distribution
- Workforce migration
- Basic amenities
- Awareness efforts.
- Meetings with government.

During cyclone



- Food and shelter provision
- Fodder support
- Awareness messages
- Vehicle support.
- Coordination with Panchayat

Post-cyclone relief



- Temporary housing
- Food packets
- Excavator support
- Transfer of affected individuals.
- Provision of fodder

Annexure – 5

DISTROMED KUTCHH SERVICES PVT. LTD.

MONTH: *March-24*

Date	Challan No.	BMW WASTE CATEGORIES				Total Kg.	Sign.
		Category Yellow	Category Red	Category Blue	Category White		
		Yellow Bag	Red Bag	Blue Bag/*C.B.	*PPC		
1	8-4-0996	15.020	11.000	8.650	0.500	35.170	<i>wp</i>
2							
3							
4	8-4-1102	35.200	22.000	20.500	0.500	78.200	<i>wp</i>
5							
6	8-4-1234	24.650	13.280	8.020	0.500	46.450	<i>wp</i>
7							
8	8-4-1346	15.020	14.020	9.000	0.380	38.420	<i>wp</i>
9							
10							
11	8-4-1469	33.250	13.250	10.580	0.500	57.580	<i>wp</i>
12							
13	8-4-1591	20.280	17.650	15.580	0.200	53.710	<i>wp</i>
14							
15	8-4-1704	28.250	16.280	14.280	0.500	59.310	<i>wp</i>
16							
17							
18	8-5-0597	33.020	20.250	12.580	0.500	66.350	<i>wp</i>
19							
20	8-6-0109	22.020	14.250	12.250	0.580	49.100	<i>wp</i>
21							
22	8-6-0222	18.000	16.980	8.580	0.580	44.140	<i>wp</i>
23							
24	8-6-0318	25.280	17.280	16.000	0.650	59.210	<i>wp</i>
25							
26							
27	8-4-1881	13.250	10.680	9.580	0.580	34.090	<i>wp</i>
28							
29	8-4-1999	12.680	11.020	10.020	0.350	34.070	<i>wp</i>
30							
31	<i>Total</i>	295.920	197.940	155.620	6.320	655.800	<i>wp</i>

Annexure – 6

Details of Greenbelt Development at APSEZ, Mundra

	Total Green Zone Detail till Up to March 2024				
LOCATION	Area (In Ha.)	Trees (Nos.)	Palm (Nos.)	Shrubs (SQM)	Lawn (SQM)
SV COLONY	72.29	34920.00	7962.00	69696.00	100646.00
PORT & NON SEZ	81.61	149359.00	19220.00	75061.78	62966.38
SEZ	115.70	226120.00	20489.00	220583.60	28162.03
MITAP	2.47	8113.00	33.00	3340.00	4036.00
WEST PORT	104.29	248074.00	66816.00	24112.00	16369.00
AGRI PARK	8.94	17244.00	1332.00	5400.00	2121.44
SOUTH PORT	14.45	27530.00	3470.00	3882.00	3327.26
Samundra Township	58.26	63722.00	11834.00	23908.89	47520.07
Productive Farming (Vadala Farm)	0.00	0.00	0.00	0.00	0.00
TOTAL (APSEZL)	457.99	775082.00	131156.00	425984.27	265148.18
		906238.00			

Annexure – 7

Fire Safety Awareness Campaign Report – Adani Residential Township & Adani School

Introduction

This report details a fire safety awareness campaign conducted in Adani residential township Samundra & Shantivan in Mundra. The campaign aimed to educate residents about fire prevention, preparedness, and response measures.

Campaign Objectives: -

- Raise awareness of the leading causes of residential fires in the township.
- Educate residents on fire prevention techniques.
- Train residents on using fire extinguishers and creating a fire escape plan.
- Promote fire safety practices within the community.

Campaign Activities: -

- **Community Meetings:** Informative meetings were held in central locations within the township. Fire department team presented on common fire hazards, preventive measures, and escape plan development. Interactive sessions allowed residents to ask questions and clarify doubts.
- **Door-to-Door Awareness:** Volunteers visited homes within the township, distributing fire safety pamphlets with information in the local language (Gujarati) for better understanding. They answered resident queries and offered basic fire safety tips.
- **Fire Safety Drills:** Practical fire drills were conducted. Residents practiced using fire extinguishers and evacuating buildings safely following a designated escape plan.
- **Poster and Banner Displays:** Informative posters and banners with fire safety messages and emergency contact numbers were displayed in common areas throughout the township.

Target Audience

The campaign targeted all residents of the township, including families, young children, elderly individuals, and people with disabilities. Information materials were tailored to cater to the specific needs and comprehension levels of these diverse groups.

Campaign Impact

- Increased awareness of fire safety measures among residents, as measured by post-campaign surveys.
- Enhanced knowledge of fire prevention techniques and escape plan development.
- Improved confidence in using fire extinguishers through practical training drills.
- Stronger sense of community preparedness for fire emergencies.

Challenges Encountered

- Scheduling community meetings at a convenient time for working residents.
- Reaching residents who were not present during door-to-door visits.
- Addressing any language barriers to ensure clear communication of fire safety messages.

First Fire and Life Safety Mela “Learn with fun” at Samundra Colony

First Fire and Life Safety Mela “Learn with fun” the stall were inaugurated at Samundra township by Mr Snehasish Bhattacharya (HEAD HR APSEZ), Mr Sabyasachi Sengupta (Head HSE, Mundra Petrochemical Lt) and Mr Mukul Varshney (Head SEZ engineering), Group of senior citizen women, and young women and fire team visited 9 stall to enjoy various game and win so many prizes total 400 participants



Fire Prevention and emergency response training at Adani Public School.

Fire Prevention and emergency response training provided to Adani Public School at Shantivan colony and Nana Kapaya Primary More than 700 students and teachers participated.



First Fire and Life Safety Mela “Learn with fun”

Total 180 residents, homemaker, kids and senior citizen has visited 9 stall to enjoy various game and win so many prizes.



First Fire and Life Safety Mela “Learn with fun” at Shantivan Colony

First Fire and Life Safety Mela “Learn with fun” at Shantivan Colony was inaugurated by Capt. Sachin Srivastava (Head Marine Services), Col Arvind Singh Bedi (Head Security), Mr Baiju Abraham(Head Safety). **Total 180 residents, homemaker, kids and senior citizen has visited 9 stall to enjoy various game and win so many prizes.**



First Fire and Life Safety Mela “Learn with fun” at Shantivan Colony

First Fire and Life Safety Mela “Learn with fun” Total 180 residents, homemaker, kids and senior citizen has visited 9 stall to enjoy various game and win so many prizes at Shantivan colony



Fire Prevention and emergency response training provided to Kalorex Future School

More than 300 students and 35 teachers participated.



Conclusion

The fire safety awareness campaign in the residential township of APSEZ, Mundra was a success in raising awareness, promoting fire safety practices, and empowering residents to respond effectively in case of a fire emergency. By addressing the identified challenges and incorporating the recommendations, future campaigns can be further strengthened to ensure a safer living environment for all residents.

Annexure – 8

Cost of Environmental Protection Measures

Sr. No.	Activity	Cost incurred (INR in Lacs)			Budgeted Cost (INR in Lacs)
		2021 – 22	2022 – 23	2023 – 24	2023 – 24
1.	Environmental Study / Audit and Consultancy	6.82	7.32	22.67	27
2.	Legal & Statutory Expenses	10.52	12.32	8.60	13
3.	Environmental Monitoring Services	14.31	15.32	13.37	19.20
4.	Hazardous / Non-Hazardous Waste Management & Disposal	107.09	104.035	130.11	148.68
5.	Environment Days Celebration and Advertisement / Business development	4.04	2.53	3.42	11.50
6.	Treatment and Disposal of Bio-Medical Waste	2.14	2.29	2.28	2.28
7.	Mangrove Plantation, Monitoring & Conservation	53.6	35.0	15	15.0
8.	Other Horticulture Expenses	921	956	904	904
9.	O&M of Sewage Treatment Plant and Effluent Treatment Plant (including STP, ETP of Port & SEZ & Common Effluent Treatment Plant)	252.27	141.33	186.94	212.9
10.	Expenditure of Environment Dept. (Apart from above head)	149.8	90.14	80.39	182.92
Total		1371.79	1366.28	1366.78	1536.48