

## **Bhagwat Swaroop Sharma**

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**From:** Bhagwat Swaroop Sharma  
**Sent:** Wednesday, May 31, 2023 8:08 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; Snehal Jariwala  
**Subject:** Half Yearly EC Compliance Report AMSIPL-2010 Submission for Period Oct'22 to March'23  
**Attachments:** EC Compliance Report\_AMSIPL-2010\_Oct'22 to Mar'23.pdf



Ports and  
Logistics

APSEZL/EnvCell/2023-24/010

Date: 25

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](mailto:ecompliance-guj@gov.in), [iro.gandhingr-mefcc@gov.in](mailto: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 Infrastructure Pvt. Ltd."

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

**Dear Sir,**

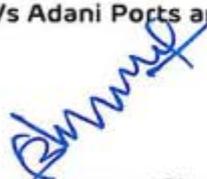
Please refer to the above cited reference for the said subject matter. In connection to the same, it is to copy of the compliance report for the Environmental Clearance for the period of October 2022 to March being submitted through soft copy (e-mail communication).

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 Subhanpura, Vadodara – 390023.
- 2) The Member Secretary, GPCB – Head Office, Paryavaran Bhavan, Sector 10 A, Gandhi Nagar – 382007.
- 3) The Member Secretary, SEIAA, Gujarat, Paryavaran Bhavan, GPCB, Sector 10 A, Gandhi Nagar – 382007.
- 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.**

**Environment Cell | 1<sup>st</sup> floor | Adani House | Mundra Kutch | 370421 | Gujarat | India**  
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**adani**

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with  
Goodness

Our Values: Courage | Trust | Commitment





Ports and  
Logistics

APSEZL/EnvCell/2023-24/010

Date: 25.05.2023

To

**The Inspector General of Forest / Scientist C,**  
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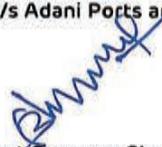
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Head - Environment  
Mundra & Tuna Port

**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.

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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 2022 to March 2023**

	<b>Adani Mundra SEZ Infrastructure Pvt. Ltd., Mundra.</b>	<b>From : Oct'22 To : Mar'23</b>
<b>Status of the conditions stipulated in Environment Clearance</b>		

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# **Compliance Report of Environment Clearance**

	<b>Adani Mundra SEZ Infrastructure Pvt. Ltd., Mundra.</b>	<b>From : Oct'22 To : Mar'23</b>
<b>Status of the conditions stipulated in Environment Clearance</b>		

**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 20<sup>th</sup> February 2010.**

Sr. No.	Conditions	Compliance Status as on 31-03-2023
<b>A. Specific Conditions</b>		
<b>A.1 Construction Phase:</b>		
1.	Minimum Aerial distance of 100 m shall be kept between processing & non – processing areas of SEZ, as proposed.	<p>Complied during the construction phase. Not applicable at present.</p> <p>This reply covers Condition No. 1 to 27 of Construction Phase.</p>
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.	<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'22 to Mar'23.</p> <p>All the specific conditions provided for construction phase will be considered upon recommencement of construction activity in future.</p>
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.	

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

Sr. No.	Conditions	Compliance Status as on 31-03-2023
2(b)	All high rise buildings shall have at least two staircases with a condition that the 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'22 to Mar'23.</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	

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

Sr. No.	Conditions	Compliance Status as on 31-03-2023
	provided before starting the construction activities and to be maintained throughout the construction phase.	
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'22 to Mar'23.</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	

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

Sr. No.	Conditions	Compliance Status as on 31-03-2023
	environmental condition.	
12.	Adequate personal protective equipments shall be provided to the construction workers to ensure their safety and the project proponent shall 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.	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.
16.	Ready-made mix concrete should be used so far as possible	Construction work for the project is partially completed. However, no construction activity carried out during the compliance period of Oct'22 to Mar'23.
17.	Water demand during construction should be reduced by use of curing agents, plasticizers and	All the specific conditions provided for construction phase will be considered upon recommencement of construction

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

Sr. No.	Conditions	Compliance Status as on 31-03-2023
	other best practices.	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 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.
23.	No ground water shall be used and the water required during construction phase shall be sourced from Gujarat Water Infrastructure Ltd.	Construction work for the project is partially completed. However, no construction activity carried out during the compliance period of Oct'22 to Mar'23.
24.	The construction materials and debris shall be properly stored and	All the specific conditions provided for construction phase will be considered upon recommencement of construction activity in future.

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

Sr. No.	Conditions	Compliance Status as on 31-03-2023
	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.	APSEZL has a well-structured Environment Management Cell, staffed with qualified manpower for implementation of the Environment Management Plan at site. Site team report to Sr. Manager (Environment) at Corporate, who heads the Environment Management Cell who directly reports to the top management. Environment Management Cell Organogram were submitted as part of compliance report submission for the duration of Apr'21 to Sep'21. And there is no further change.
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.	
<b>A.2</b>	<b>Operation Phase:</b>	

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

Sr. No.	Conditions	Compliance Status as on 31-03-2023
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 extracted.	<p>Complied.</p> <p>No ground water is being extracted.</p> <p>Fresh water requirement for Samudra township and Adani Hospital is approximately average 1089.75 KLD during compliance period Oct'22 to Mar'23 which has been sourced through Gujarat Water Infrastructure Ltd. (GWIL) and APSEZ desalination plant.</p> <p>No ground water is being extracted.</p> <p>Record maintained for quantity of water usage during the period Oct'22 to Mar'23 is attached as <b>Annexure - 1.</b></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'22 to Mar'23 average quantity of sewage generation was <b>1017.01 KLD</b> from Samudra township, Adani Hospital &amp; Mundra Village. Average quantity of treated sewage discharge was <b>717.96 KLD</b> 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'22 to Mar'23 an average <b>214.12 KLD</b> 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 &amp; Mundra village and treated water discharge during the period Oct'22 to Mar'23 is attached as <b>Annexure - 1.</b></p>
30.	The project proponent shall install and operate adequate sewage	<p>Complied.</p> <p>STP having capacity of 2.5 MLD with advance MBR</p>

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

Sr. No.	Conditions	Compliance Status as on <b>31-03-2023</b>																																				
	<p>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>	<p>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 in to 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 domestic sewage at hospital before discharging in to Samudra Township STP. During compliance period Oct'22 to Mar'23 avg. <b>10.20 KLD</b> 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&amp;CC accredited agency namely M/s. Unistar Environment and Research Labs Pvt. Ltd., Vapi. Summary of the same for duration from Oct'22 to Mar'23 is mentioned below.</p> <p><b>Locations: STP (Township)</b></p> <table border="1" data-bbox="636 1367 1469 1745"> <thead> <tr> <th>Parameters</th> <th>Unit</th> <th>Min</th> <th>Max</th> <th>Average</th> <th>Perm. Limit<sup>§</sup></th> </tr> </thead> <tbody> <tr> <td>pH @ 25 ° C</td> <td>--</td> <td>6.84</td> <td>7.42</td> <td>7.22</td> <td>6.5 – 9.0</td> </tr> <tr> <td>Total Suspended Solids</td> <td>mg/L</td> <td>6</td> <td>28</td> <td>20.33</td> <td>100</td> </tr> <tr> <td>Biochemical Oxygen Demand (BOD)</td> <td>mg/L</td> <td>12</td> <td>19</td> <td>16.08</td> <td>30</td> </tr> <tr> <td>Residual chlorine</td> <td>mg/L</td> <td>0.64</td> <td>0.92</td> <td>0.79</td> <td>--</td> </tr> <tr> <td>Fecal Coliform</td> <td>MPN Index/100ml</td> <td>23</td> <td>90</td> <td>58</td> <td>&lt; 1000</td> </tr> </tbody> </table> <p style="text-align: right;"><sup>§</sup> as per CC&amp;A granted by GPCB</p> <p>Please refer <b>Annexure - 2</b> for detailed analysis reports. Approx. INR 15.32 Lakh is spent for all environmental monitoring activities during FY 2022 - 23 for overall APSEZ, Mundra.</p>	Parameters	Unit	Min	Max	Average	Perm. Limit <sup>§</sup>	pH @ 25 ° C	--	6.84	7.42	7.22	6.5 – 9.0	Total Suspended Solids	mg/L	6	28	20.33	100	Biochemical Oxygen Demand (BOD)	mg/L	12	19	16.08	30	Residual chlorine	mg/L	0.64	0.92	0.79	--	Fecal Coliform	MPN Index/100ml	23	90	58	< 1000
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		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 is attached as <b>Annexure - 3</b> , which shows that all the parameters are well within the permissible norms.																								
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"> <thead> <tr> <th>Sr. No.</th> <th>Pipeline Connectivity</th> <th>Purpose</th> <th>Length</th> <th>Dia.</th> <th>Make</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>Mundra Village to Samudra Township Existing Sewage Collection Tank</td> <td>For treatment of 1 MLD Domestic sewage</td> <td>4.2 Km</td> <td>315 mm</td> <td>HDPE</td> </tr> <tr> <td>2</td> <td>Adani Hospital to Existing Mundra Village – Samudra Township Collection tank pipeline</td> <td>For treatment of 25 KLD Domestic sewage</td> <td>323 mtr</td> <td>90mm</td> <td>HDPE</td> </tr> <tr> <td>3</td> <td>Samudra Township treated water tank to Adani hospital 40m<sup>3</sup> tank</td> <td>For utilization of treated water @ 150 KLD for gardening purpose</td> <td>1.56 Km</td> <td>90mm</td> <td>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 <sup>3</sup> 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	<p>Complied.</p> <p>During Oct'22 to Mar'23 Avg. 717.96 KLD of treated water was used for gardening / plantation purpose within Township area / Hospital area / APSEZ area.</p>																								

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

Sr. No.	Conditions	Compliance Status as on 31-03-2023
	utilized in the identified area of MPSEZL for plantation / gardening.	
33.	In no case, the wastewater / treated sewage shall be discharged into the river Bhukhi passing through the social infrastructure project.	<p>Complied</p> <p>During Oct'22 to Mar'23 avg. 717.96 KLD of treated water from STP 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.</p>
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</p>

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

Sr. No.	Conditions	Compliance Status as on 31-03-2023
		<p>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><b>Our water conservation work is as below.</b></p> <ul style="list-style-type: none"> <li>• Large number of water harvesting structure (18 Nos. of check dams in coordination with salinity department) and Augmentation of 3 check dams.</li> <li>• 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 farmers.</li> <li>• New Pond Deepening Under Ajadi ka Amrut Mahotsav done in Goyarsama village Approx Deepening Capacity is 12000 Cum.</li> <li>• 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.</li> <li>• Recharge Borewell 208 Nos (19 Nos. current FY 2022-23) which is best ever option to direct recharge the soil.</li> <li>• Drip Irrigation approx. 1505 Farmers benefitted in coordination with Gujrat Green Revolution Company till date.</li> <li>• 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.</li> <li>• Pond Pipeline work at Prasla Vistar Zarpara which increase recharge capacity more than 25% in 100 hector area.</li> <li>• Check dam gate valve construction at Bhujpur which controlled more than 350 MCFT water to go into sea and get recharged current year.</li> </ul> <p>Please refer <b>Annexure - 4</b> for full details of CSR activities carried out by Adani Foundation in the Mundra region. Budget for CSR Activity for the FY 2022-23 is to the tune of INR 1894.42 lakh. Out of which, Approx. INR 1527.49 lakh are spent in FY 2022-23.</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	<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</p>

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

Sr. No.	Conditions	Compliance Status as on 31-03-2023
	<p>Rules 2000, as may be amended time to time. The dried biomass from the STP will be used as manure in gardening / plantation.</p>	<p>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 Bio gas 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> <p>Total 465.86 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'22 to Mar'23 and utilized within APSEZ area. Dry waste collection drive including plastic free drive and waste segregation drive is being organised on regularly basis.</p>
37.	<p>The Bio-medical Waste (BMW) shall be disposed as per guidelines of BMW rules 1998 as may be amended from time to time.</p>	<p>Complied.</p> <p>Multispecialty hospital has taken the necessary approvals from GPCB for the disposal of Bio Medical Waste. Total 3341 kg of bio medical waste was disposed from Adani hospital to Common Bio Medical Waste Treatment facility of M/s Distromed Kutch Services Pvt. Ltd., Bhuj during the compliance period i.e. Oct'22 to Mar'23 at the frequency of once in two days. Logbook showing the record of Bio-medical Waste collection for the month Mar'23 is attached as <b>Annexure - 5</b>.</p> <p>Multispecialty hospital has taken the BMW Authorization from the GPCB. The copy of BMW Authorization was submitted during the last compliance period Apr'22 to Sep'22.</p>
38.	<p>Hazardous wastes, if any generated during the operation phase shall be handled as per the</p>	<p>Point Noted.</p> <p>No hazardous waste was generated during the compliance period of Oct'22 to Mar'23.</p>

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

<b>Sr. No.</b>	<b>Conditions</b>	<b>Compliance Status as on 31-03-2023</b>
	Hazardous Waste (Management, Handling & Transboundary Movement) Rules 2008, as may be amended from time to time.	<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&amp;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 last 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>
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.	<p>Complied.</p> <p>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.</p>
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	<p>Complied.</p> <p>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.</p>

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

<b>Sr. No.</b>	<b>Conditions</b>	<b>Compliance Status as on 31-03-2023</b>
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 inside the social infrastructure project shall be suitably landscape and covered with vegetation of indigenous variety.	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 457.99 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 <b>Annexure - 6</b> .
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.	Complied.  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.  The spent budget of Horticulture Department for the period of financial year 2022-23 is INR 979 lacs. Out of which, Approx. INR 956 lakh are spent during the financial year

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

Sr. No.	Conditions	Compliance Status as on 31-03-2023																		
		2022-23. Details upon green belt development are provided in condition no. 44 above.																		
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 <b>1.5 MW</b> at roof top of residential blocks of Samudra Township and <b>69 KW</b> at Adani Hospital has been installed and commissioned. Information has been already submitted to MoEF&amp;CC along with Half Yearly Compliance Report Apr'16 to Sep'16.</p> <p>Total <b>1139 MWH</b> of solar power generated and supplied to the grid energy during compliance period i.e. Oct'22 to Mar'23.</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&amp;CC accredited agency namely M/s. Unistar Environment and Research Labs Pvt. Ltd., Vapi. Summary of the same for duration of Oct'22 to Mar'23 is mentioned below.</p> <p><b>Total Sampling Locations &amp; Frequency: 2 Nos. (Monthly)</b></p> <table border="1"> <thead> <tr> <th>Noise</th> <th>Unit</th> <th>Leq Min</th> <th>Leq Max</th> <th>Leq Average</th> <th>Leq Perm. Limit<sup>§</sup></th> </tr> </thead> <tbody> <tr> <td>Day Time</td> <td>dB(A)</td> <td>58.3</td> <td>69.2</td> <td>64.1</td> <td>75</td> </tr> <tr> <td>Night Time</td> <td>dB(A)</td> <td>52.6</td> <td>62.8</td> <td>58.1</td> <td>70</td> </tr> </tbody> </table> <p><sup>§</sup> as per CC&amp;A granted by GPCB</p> <p>Please refer <b>Annexure - 2</b> for detailed analysis reports. Approx. INR 15.32 Lakh is spent for all environmental monitoring activities during FY 2022 - 2023 for overall APSEZ, Mundra.</p>	Noise	Unit	Leq Min	Leq Max	Leq Average	Leq Perm. Limit <sup>§</sup>	Day Time	dB(A)	58.3	69.2	64.1	75	Night Time	dB(A)	52.6	62.8	58.1	70
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Day Time	dB(A)	58.3	69.2	64.1	75															
Night Time	dB(A)	52.6	62.8	58.1	70															
48.	The project proponent shall install the electric appliances, which are energy efficient and meeting with the Bureau	<p>Complied.</p> <p>Energy Conservation through Installation of Motion Sensor (Occu switch) &amp; AC Temp. Controls in buildings are provided. AMSIPL has installed the electric appliances</p>																		



Ports and  
Logistics

**Adani Mundra SEZ Infrastructure  
Pvt. Ltd., Mundra.**

**From : Oct'22  
To : Mar'23**

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

<b>Sr. No.</b>	<b>Conditions</b>	<b>Compliance Status as on 31-03-2023</b>
	of Energy Efficiency norms, wherever applicable.	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.  Energy audit is being carried on regular basis Last audit has been carried out from 18 <sup>th</sup> to 20 <sup>th</sup> January' 2022 by M/s. ECO ENERGY SOLUTION. Energy audit report for Samudra Township was submitted during the last compliance period 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 report for the period from Apr – 2015 to Sep – 2015.  Various plans as fire service plan, communication plan, mutual aid plan, and evacuation plan are implemented to combat with emergency situations.
53.	The raw water sumps will be equipped with suction differential head / partition so as to insure that minimum 500 KL water shall remain	Complied.  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

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

Sr. No.	Conditions	Compliance Status as on 31-03-2023																
	reserved as fire water as proposed.	fire water at AMSIPL.																
54.	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>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="639 961 1365 1255"> <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>-</td> <td>-</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> </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.	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 conditions.	<p>Complied.</p> <p>Auto glow signage is provided at adequate locations to provide guidance to the people towards exits. Also the township &amp; 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> <p>Photographs showing the emergency signages were submitted along with EC Compliance report for the period Apr'19 to Sep'19.</p>																
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	<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>																

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

Sr. No.	Conditions	Compliance Status as on 31-03-2023																																										
	management plan of the project.	Regular mock drill and fire training is also being conducted at project site. Home fire safety awareness and firefighting training was conducted in township on January 2023 and total 650 residents participated in the same. Please refer <b>Annexure - 7</b> for fire training and awareness details.																																										
57.	Ozone Depleting Substance (Regulation and Control) rules shall be followed while designing the air conditioning system of the project.	Complied.  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.																																										
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.	Complied.  APSEZL has a well-structured Environment Management Cell, staffed with qualified manpower for implementation of the Environment Management Plan at site. Site team report to Sr. Manager (Environment) at Corporate, who heads the Environment Management Cell who directly reports to the top management. Environment Management Cell Organogram were submitted as part of compliance report submission for the duration of Apr'21 to Sep'21. And there is no further change.  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'22 to Mar'23 is mentioned below.  <b>Total Sampling Locations &amp; Frequency: 2 Nos.</b>																																										
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**Status of the conditions stipulated in Environment Clearance**

Sr. No.	Conditions	Compliance Status as on 31-03-2023					
		Day Time	dB(A)	58.3	69.2	64.1	75
Night Time	dB(A)	52.6	62.8	58.1	70		
<p>§ as per NAAQ standards, 2009 * as per CC&amp;A granted by GPCB</p> <p>Please refer <b>Annexure - 2</b> for detailed analysis reports. Approx. INR 15.32 Lakh is spent for all environmental monitoring activities during FY 2022 - 2023 for overall APSEZ, Mundra.</p>							
<b>B. General Conditions</b>							
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 1588 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 12.70 Lakh worth of free medical services given to nearby villagers during the compliance period Oct'22 to Mar'23.</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 proposal from those submitted to MoEF / SEIAA / SEAC for clearance, a fresh	Point noted.					

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

Sr. No.	Conditions	Compliance Status as on 31-03-2023
	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 2022-23 is to the tune of INR 1448.06 lakh. Out of which, Approx. INR 1366.28 lakh are spent during the year FY 2022-23. Detailed breakup of the expenditures for the past 3 years is attached as <b>Annexure - 8</b>.</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 Ministry.	<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 &amp; CC along with half yearly compliance report April – 2015 to Sep – 2015.</p>

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

<b>Sr. No.</b>	<b>Conditions</b>	<b>Compliance Status as on 31-03-2023</b>																					
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 <sup>st</sup> June and 1 <sup>st</sup> 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'22 to Sep'22 was submitted to Integrated Regional Office (IRO) @ Gandhinagar, Zonal Office of CPCB @ Baroda, GPCB @ Gandhinagar &amp; Gandhidham and SEIAA, Gandhinagar vide our letter dated 21.11.2022. Copy of the same is also available on our web site <a href="https://www.adaniports.com/ports-downloads">https://www.adaniports.com/ports-downloads</a>. A soft copy of the same was also submitted through e-mail on 30.11.2022 to all the concern authorities. Please refer below for the details regarding past six compliance submissions.</p> <table border="1"> <thead> <tr> <th><b>Sr. No.</b></th> <th><b>Compliance period</b></th> <th><b>Date of submission</b></th> </tr> </thead> <tbody> <tr> <td>1</td> <td>Oct'19 to Mar'20</td> <td>20.05.2020</td> </tr> <tr> <td>2</td> <td>Apr'20 to Sep'20</td> <td>26.11.2020</td> </tr> <tr> <td>3</td> <td>Oct'20 to Mar'21</td> <td>25.05.2021</td> </tr> <tr> <td>4</td> <td>Apr'21 to Sep'21</td> <td>30.11.2021</td> </tr> <tr> <td>5</td> <td>Oct'21 to Mar'22</td> <td>30.05.2022</td> </tr> <tr> <td>6</td> <td>Apr'22 to Sep'22</td> <td>30.11.2022</td> </tr> </tbody> </table>	<b>Sr. No.</b>	<b>Compliance period</b>	<b>Date of submission</b>	1	Oct'19 to Mar'20	20.05.2020	2	Apr'20 to Sep'20	26.11.2020	3	Oct'20 to Mar'21	25.05.2021	4	Apr'21 to Sep'21	30.11.2021	5	Oct'21 to Mar'22	30.05.2022	6	Apr'22 to Sep'22	30.11.2022
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65.	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.																					

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

Sr. No.	Conditions	Compliance Status as on 31-03-2023
	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.
	<b>Additional condition - (amendment to Environment Clearance Order No. SEIAA/GUJ/EC/8(b)/44/2010 dated 20 February 2010</b>	
--	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**

<b>Water Consumption and Wastewater Generation Details for AMSIPL (Oct'22 to Mar'23)</b>			
<b>Month</b>	<b>Fresh Water Consumption (Samudra Township + Adani Hospital), KL</b>	<b>Total STP Inlet Water (Samudra Township + Adani Hospital+ Mundra Town), KL</b>	<b>Total STP Outlet Water, KL</b>
<b>Oct-22</b>	33221	29709	22794
<b>Nov-22</b>	32203	29032	17602
<b>Dec-22</b>	34871	32146	21936
<b>Jan-23</b>	27499	29843	21883
<b>Feb-23</b>	29147	31191	22025
<b>Mar-23</b>	41393	33175	24428
<b>Total</b>	<b>198334</b>	<b>185096</b>	<b>129355</b>
<b>Avg. Per Day</b>	<b>1089.75</b>	<b>1017.01</b>	<b>717.96</b>
<b>Sewage Received at Samudra Township STP (Oct'22 to Mar'23)</b>			
<b>Month</b>	<b>Samudra Township, KL</b>	<b>Adani Hospital, KL</b>	<b>Mundra Town, KL</b>
<b>Oct-22</b>	26199	452	3058
<b>Nov-22</b>	23164	320	5548
<b>Dec-22</b>	24978	293	6875
<b>Jan-23</b>	23591	310	5942
<b>Feb-23</b>	21718	339	9134
<b>Mar-23</b>	24619	143	8413
<b>Total</b>	<b>144269</b>	<b>1857</b>	<b>38970</b>
<b>Avg. Per Day</b>	<b>792.68</b>	<b>10.20</b>	<b>214.12</b>

# **Annexure – 2**



# “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 – 2022 to March - 2023**

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-22		Nov-22		Dec-22			
			10-10-2022	21-10-2022	7-11-2022	17-11-2022	12-12-2022	29-12-2022		
1	pH @ 25 ° C	--	7.22	7.25	7.42	7.36	6.98	6.84	6.5 to 9	APHA 23 <sup>rd</sup> Ed.,2017,4500- H <sup>+</sup> B
2	Total Suspended Solids	mg/L	22	26	6	8	12	14	100	APHA 23 <sup>rd</sup> Ed.,2017,2540 -D
3	Biochemical Oxygen Demand (BOD) (5 days at 20 ° C)	mg/L	15	18	12	14	12	15	30	APHA 23 <sup>rd</sup> Ed,2017,5210- B 5-6
4	Residual chlorine	mg/L	0.82	0.69	0.84	0.64	0.68	0.72	0.5 Min.	APHA 23 <sup>rd</sup> Ed.,2017,4500- Cl-B
5	Fecal Coliform	MPN Index/100ml	33	40	90	80	80	70	1000	IS 1622: 1981

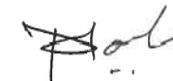
Continue...

### RESULTS OF STP OUTLET WATER

SR.NO.	TEST PARAMETERS	UNIT	SAMUNDRA TOWNSHIP STP OUTLET						GPCB Permissible Limit	TEST METHOD
			Jan-23		Feb-23		Mar-23			
			10-01-2023	30-01-2023	11-02-2023	27-02-2023	13-03-2023	27-03-2023		
1	pH @ 25 ° C	--	7.18	7.22	7.26	7.24	7.3	7.42	6.5 to 9	APHA 23 <sup>rd</sup> Ed.,2017,4500- H <sup>+</sup> B
2	Total Suspended Solids	mg/L	22	28	26	28	26	26	100	APHA 23 <sup>rd</sup> Ed.,2017,2540 -D
3	Biochemical Oxygen Demand (BOD) (5 days at 20 ° C)	mg/L	18	19	16	17	19	18	30	APHA 23 <sup>rd</sup> Ed.,2017,5210- B 5-6
4	Residual chlorine	mg/L	0.76	0.84	0.88	0.84	0.88	0.92	0.5 Min.	APHA 23 <sup>rd</sup> Ed.,2017,4500- Cl-B
5	Fecal Coliform	MPN Index/100ml	80	70	40	50	23	40	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 <sub>10</sub> µg/m <sup>3</sup>	PM <sub>2.5</sub> µg/m <sup>3</sup>	SO <sub>2</sub> µg/m <sup>3</sup>	NO <sub>2</sub> µg/m <sup>3</sup>	CO mg/m <sup>3</sup>
1.	03-10-2022	73.90	21.40	13.45	17.68	NOT DETECTED
2.	06-10-2022	66.5	17.60	15.65	22.34	--
3.	10-10-2022	89.53	25.68	14.34	20.13	--
4.	13-10-2022	76.28	21.23	12.56	17.43	--
5.	17-10-2022	81.40	28.76	11.21	15.56	--
6.	20-10-2022	65.92	19.55	10.15	16.78	--
7.	27-10-2022	77.67	22.34	12.65	18.94	--
8.	28-10-2022	75.51	26.78	10.45	15.67	--
9.	31-10-2022	63.75	18.94	12.45	18.93	--
10.	03-11-2022	54.23	23.45	11.25	16.78	--
11.	07-11-2022	79.14	28.23	12.68	17.23	--
12.	10-11-2022	62.34	20.17	14.56	20.17	--
13.	14-11-2022	69.22	25.34	17.98	23.45	--
14.	17-11-2022	59.63	19.55	12.34	16.78	--
15.	21-11-2022	72.34	33.67	11.25	15.21	--
16.	24-11-2022	77.45	29.16	16.35	19.25	--

Continue...

Name of Location		SAMUDRA TOWNSHIP – STP				
Sr. No.	Date of Monitoring	Parameter with Results				
		PM <sub>10</sub> µg/m <sup>3</sup>	PM <sub>2.5</sub> µg/m <sup>3</sup>	SO <sub>2</sub> µg/m <sup>3</sup>	NO <sub>2</sub> µg/m <sup>3</sup>	CO mg/m <sup>3</sup>
17.	28-11-2022	68.35	26.12	13.35	15.84	--
18.	01-12-2022	67.29	19.57	18.39	26.63	--
19.	05-12-2022	63.61	23.73	16.42	23.58	--
20.	08-12-2022	84.57	16.35	11.74	16.37	--
21.	12-12-2022	60.54	29.51	15.63	19.88	--
22.	15-12-2022	74.58	27.93	19.24	27.63	--
23.	19-12-2022	59.50	26.48	16.73	24.12	--
24.	22-12-2022	68.13	21.26	20.58	29.65	--
25.	26-12-2022	71.69	32.37	17.41	22.28	--
26.	29-12-2022	69.24	27.04	21.82	28.37	--
27.	02-01-2023	88.37	24.53	22.14	31.83	NOT DETECTED
28.	05-01-2023	71.62	27.66	19.97	21.35	--
29.	09-01-2023	89.41	23.49	17.27	20.69	--
30.	12-01-2023	75.39	21.84	23.69	29.74	--
31.	16-01-2023	61.33	33.59	24.17	34.28	--
32.	19-01-2023	82.17	29.62	20.89	28.31	--
33.	23-01-2023	52.74	27.57	26.36	36.02	--

Continue...

Name of Location		SAMUDRA TOWNSHIP – STP				
Sr. No.	Date of Monitoring	Parameter with Results				
		PM <sub>10</sub> µg/m <sup>3</sup>	PM <sub>2.5</sub> µg/m <sup>3</sup>	SO <sub>2</sub> µg/m <sup>3</sup>	NO <sub>2</sub> µg/m <sup>3</sup>	CO mg/m <sup>3</sup>
34.	26-01-2023	63.29	22.78	22.41	28.76	--
35.	30-01-2023	73.64	31.26	26.48	33.14	--
36.	02-02-2023	79.63	17.35	20.68	27.55	--
37.	06-02-2023	86.38	23.69	26.52	36.17	--
38.	09-02-2023	72.83	29.13	24.77	31.46	--
39.	13-02-2023	81.62	27.34	18.89	25.60	--
40.	16-02-2023	75.26	24.81	29.63	39.15	--
41.	20-02-2023	89.37	19.68	24.35	33.89	--
42.	23-02-2023	69.74	32.28	21.26	29.63	--
43.	27-02-2023	73.59	26.47	28.92	34.29	--
44.	02-03-2023	81.62	21.85	23.27	32.71	--
45.	06-03-2023	75.27	19.79	21.86	27.47	--
46.	09-03-2023	87.3	25.62	28.27	35.21	--
47.	13-03-2023	73.16	31.16	25.84	33.59	--
48.	16-03-2023	78.48	27.32	21.49	27.38	--
49.	20-03-2023	75.26	24.91	29.64	36.17	--
50.	23-03-2023	88.51	28.85	28.75	34.29	--

Continue...

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GPCB Recognized Environmental Auditor (Schedule-11)

ISO 9001:2015 Certified Company

ISO 45001:2018 Certified Company

Name of Location		SAMUDRA TOWNSHIP – STP				
Sr. No.	Date of Monitoring	Parameter with Results				
		PM <sub>10</sub> µg/m <sup>3</sup>	PM <sub>2.5</sub> µg/m <sup>3</sup>	SO <sub>2</sub> µg/m <sup>3</sup>	NO <sub>2</sub> µg/m <sup>3</sup>	CO mg/m <sup>3</sup>
51.	27-03-2023	74.27	35.74	31.25	38.63	--
52.	30-03-2023	79.58	26.36	24.78	30.25	--
Permissible Value as per NAAQMS		100.0	60.0	80.0	80.0	2.0
Test Method		IS - 5182, Part- 23	UERL/AIR/SOP/11	IS - 5182, Part - 2	IS - 5182, Part - 6	IS - 5182, Part - 10



**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				
		PM <sub>10</sub> µg/m <sup>3</sup>	PM <sub>2.5</sub> µg/m <sup>3</sup>	SO <sub>2</sub> µg/m <sup>3</sup>	NO <sub>2</sub> µg/m <sup>3</sup>	CO mg/m <sup>3</sup>
1.	07-04-2022	79.43	26.75	10.44	18.23	NOT DETECTED
2.	08-04-2022	85.66	32.87	13.45	21.63	--
3.	11-04-2022	75.60	30.44	14.10	22.87	--
4.	12-04-2022	69.34	24.61	16.21	22.62	--
5.	18-04-2022	83.56	25.89	14.56	19.85	--
6.	21-04-2022	88.95	33.45	17.23	23.60	--
7.	25-04-2022	87.50	37.25	14.88	21.56	--
8.	28-04-2022	85.23	33.21	13.45	18.56	--
9.	02-05-2022	68.45	22.56	9.74	14.56	--
10.	05-05-2022	73.45	25.67	12.45	17.21	--
11.	09-05-2022	82.45	28.93	11.56	15.37	--
12.	12-05-2022	70.25	25.46	14.21	19.25	--
13.	16-05-2022	67.84	21.35	17.23	21.31	--
14.	18-05-2022	79.14	27.85	12.65	17.43	--
15.	23-05-2022	86.24	32.45	13.82	14.56	--
16.	26-05-2022	77.25	26.75	15.23	19.37	--

Continue...

Name of Location		SAMUDRA TOWNSHIP CUSTOMER CARE				
Sr. No.	Date of Monitoring	Parameter with Results				
		PM <sub>10</sub> µg/m <sup>3</sup>	PM <sub>2.5</sub> µg/m <sup>3</sup>	SO <sub>2</sub> µg/m <sup>3</sup>	NO <sub>2</sub> µg/m <sup>3</sup>	CO mg/m <sup>3</sup>
17.	28-11-2022	65.38	23.45	17.45	26.16	--
18.	01-12-2022	79.27	16.38	17.63	28.46	--
19.	05-12-2022	66.43	19.46	18.54	25.38	--
20.	08-12-2022	78.56	17.32	13.49	31.73	--
21.	12-12-2022	62.36	27.49	24.55	29.68	--
22.	15-12-2022	69.58	21.72	27.59	34.43	--
23.	19-12-2022	83.16	18.53	24.41	28.18	--
24.	22-12-2022	65.39	22.86	19.63	27.42	--
25.	26-12-2022	74.06	27.62	26.57	32.44	--
26.	29-12-2022	64.38	23.49	21.24	28.93	--
27.	02-01-2023	79.24	26.46	26.23	31.48	NOT DETECTED
28.	05-01-2023	63.86	24.84	23.69	29.75	--
29.	09-01-2023	69.83	14.19	19.73	26.42	--
30.	12-01-2023	88.63	21.49	29.80	37.91	--
31.	16-01-2023	79.76	29.64	21.82	28.68	--
32.	19-01-2023	81.49	26.39	17.13	24.33	--
33.	23-01-2023	75.13	31.38	14.48	22.89	--

Continue...

Name of Location		SAMUDRA TOWNSHIP CUSTOMER CARE				
Sr. No.	Date of Monitoring	Parameter with Results				
		PM <sub>10</sub> µg/m <sup>3</sup>	PM <sub>2.5</sub> µg/m <sup>3</sup>	SO <sub>2</sub> µg/m <sup>3</sup>	NO <sub>2</sub> µg/m <sup>3</sup>	CO mg/m <sup>3</sup>
34.	26-01-2023	87.36	26.14	22.47	27.36	--
35.	30-01-2023	72.14	32.48	26.36	31.24	--
36.	02-02-2023	87.39	26.46	26.23	31.48	--
37.	06-02-2023	79.62	24.84	23.69	29.75	--
38.	09-02-2023	83.74	14.19	19.73	26.42	--
39.	13-02-2023	76.53	21.49	29.80	37.91	--
40.	16-02-2023	82.19	29.64	21.82	28.68	--
41.	20-02-2023	87.66	26.39	17.13	24.33	--
42.	23-02-2023	89.38	31.38	14.48	22.89	--
43.	27-02-2023	73.19	26.14	22.47	27.36	--
44.	02-03-2023	73.52	37.61	29.17	36.74	--
45.	06-03-2023	86.18	29.49	27.64	31.59	--
46.	09-03-2023	83.73	34.18	33.62	39.47	--
47.	13-03-2023	81.35	27.93	25.79	31.57	--
48.	16-03-2023	79.73	25.13	28.19	33.81	--
49.	20-03-2023	75.38	28.19	23.85	28.47	--
50.	23-03-2023	88.63	38.88	31.47	38.55	--

Continue...

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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				
		PM <sub>10</sub> µg/m <sup>3</sup>	PM <sub>2.5</sub> µg/m <sup>3</sup>	SO <sub>2</sub> µg/m <sup>3</sup>	NO <sub>2</sub> µg/m <sup>3</sup>	CO mg/m <sup>3</sup>
51.	27-03-2023	88.41	29.16	28.52	35.27	--
52.	30-03-2023	82.85	32.18	31.94	38.63	--
Permissible Value as per NAAQMS		100.0	60.0	80.0	80.0	2.0
Test Method		IS - 5182, Part- 23	UERL/AIR/SOP/11	IS - 5182, Part - 2	IS - 5182, Part - 6	IS - 5182, Part - 10



**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					
		12-10-2022	15-11-2022	10-12-2022	11-01-2023	14-02-2023	11-03-2023
1	06:00 to 07:00	60.9	63.9	62.3	61.8	62.8	62.1
2	07:00 to 08:00	61.4	61.2	64.8	65.2	62.3	63.4
3	08:00 to 09:00	66.7	67.8	66.4	65.7	68.9	63.8
4	09:00 to 10:00	63.3	66.3	67.8	67.8	67.1	61.3
5	10:00 to 11:00	68.2	63.2	64.9	64.9	64.8	67.8
6	11:00 to 12:00	65.4	67.3	68.4	67.1	65.5	63.2
7	12:00 to 13:00	63.9	64.2	62.5	63.6	63.8	68.4
8	13:00 to 14:00	67.1	62.9	63.6	67.4	63.2	62.1
9	14:00 to 15:00	62.6	65.4	65.4	65.4	67.9	66.8
10	15:00 to 16:00	65.5	69.1	63.7	66.6	65.1	64.3
11	16:00 to 17:00	62.7	65.5	67.5	67.5	68.4	67.5
12	17:00 to 18:00	69.2	68.9	66.1	62.5	68.9	65.8
13	18:00 to 19:00	62	61.3	64.1	64.1	61.3	64.3
14	19:00 to 20:00	62.3	64.2	64.2	63	63.5	64.9
15	20:00 to 21:00	60.6	67.5	63.2	63.2	67.5	65.4
16	21:00 to 22:00	62.3	61.3	62.4	61.4	62.8	60.1
<b>Day Time</b>		<b>&lt;75 dB (A)</b>					

Continue...

Location Name		SAMUDRA TOWNSHIP – STP					
Sr. No.	Sampling Date and Time	Noise Level Leq. dB(A) – Night Time					
		12-10-2022	15-11-2022	10-12-2022	11-01-2023	14-02-2023	11-03-2023
1	22:00 to 23:00	58.7	59.4	57.4	57.9	60.7	59.3
2	23:00 to 24:00	54.3	56.7	58.3	58.3	57.3	59.1
3	24:00 to 01:00	55.6	56.8	55.9	57.3	56.8	61.6
4	01:00 to 02:00	57.3	58.9	60.3	61.2	58.9	56.4
5	02:00 to 03:00	52.6	54.2	56.8	58.9	54.9	57.4
6	03:00 to 04:00	56.8	57.6	58.4	58.4	58.2	56.9
7	04:00 to 05:00	55.1	58.4	59.1	60.3	58.4	58.4
8	05:00 to 06:00	59.3	61.5	58.2	59.3	59.7	57.5
<b>Night Time</b>		<b>&lt;70 dB (A)</b>					

<b>Test Method</b>	<b>IS: 9989 : 1981</b>
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**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					
		18-10-2022	23-11-2022	17-12-2022	20-01-2023	21-02-2023	18-03-2023
1	06:00 to 07:00	58.4	60.2	60.6	58.3	60.9	60.3
2	07:00 to 08:00	64.3	64.7	59.6	60.2	63.1	62.7
3	08:00 to 09:00	60.5	65.4	62.3	62.3	65.4	66.4
4	09:00 to 10:00	68.4	64.5	68.4	65.7	63.7	68.4
5	10:00 to 11:00	64.5	65.4	63.9	65.9	65.4	64.3
6	11:00 to 12:00	63.3	65.5	64.2	62.7	66.8	62.8
7	12:00 to 13:00	66.1	67.9	63.2	64.8	67.9	66.5
8	13:00 to 14:00	61.4	61.9	63.7	67.5	62.4	64.2
9	14:00 to 15:00	61.8	65.8	62.5	63.4	67.5	68.5
10	15:00 to 16:00	63.2	64.2	65.8	69.1	64.2	65.3
11	16:00 to 17:00	63.2	63.8	61.5	63.6	62.4	64.3
12	17:00 to 18:00	66.6	61.6	63.4	63.4	61.6	63.6
13	18:00 to 19:00	62.1	60.2	60.2	60.2	65.9	62.7
14	19:00 to 20:00	60.2	61.5	62.2	64.8	61.5	64.8
15	20:00 to 21:00	59.7	63	60.5	60.5	64.7	61.3
16	21:00 to 22:00	59.8	62.7	60.8	64.8	61.1	59.6
<b>Day Time</b>		<b>&lt;75 dB (A)</b>					

Continue...

Location Name		SAMUDRA TOWNSHIP CUSTOMER CARE					
Sr. No.	Sampling Date and Time	Noise Level Leq. dB(A) - Night Time					
		18-10-2022	23-11-2022	17-12-2022	20-01-2023	21-02-2023	18-03-2023
1	22:00 to 23:00	57.6	56.9	59.6	60.3	58.5	56.0
2	23:00 to 24:00	56.4	57.5	59.9	60.7	56.8	58.4
3	24:00 to 01:00	54.3	57.2	62.6	62.6	59.3	56.8
4	01:00 to 02:00	56.9	57.1	61.8	62.8	59.0	57.5
5	02:00 to 03:00	55.4	56.6	60.3	57.3	57.8	61.2
6	03:00 to 04:00	58.2	54.5	58.5	58.5	55.2	58.5
7	04:00 to 05:00	60.3	59.4	59.4	59.4	58.4	58.5
8	05:00 to 06:00	57.6	56.3	60.8	59.8	56.3	56.9
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	Feb - 2023	GPCB LIMIT	Method of Test
			Adani Hospital DG Set		
			01-02-2023		
1.	Particulate Matter	mg/Nm <sup>3</sup>	15.26	150	IS 11255 (Part - 1)
2.	Sulphur Dioxide	ppm	6.18	100	IS 11255 (Part - 2)
3.	Oxide of Nitrogen	ppm	23.42	50	IS 11255 (Part - 7)
4.	Carbon Monoxide	mg/Nm <sup>3</sup>	3.1	--	UERL/AIR/SOP/18
5.	Non Methyl Hydro Carbon	ppm	Not Detected	--	UERL/AIR/SOP/27



**Nikunj D. Patel**  
(Chemist)




**Jaivik S. Tandel**  
(Manager - Operations)

### Minimum Detection Limit

#### Ambient Air Quality Monitoring

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

#### Stack Emission Monitoring

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

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 – 3**



ANALYSIS REPORT FOR  
WATER / WASTE WATER SAMPLE

Gujarat Pollution Control Board, Kutch West  
Katira Commercial Complex-1, First Floor  
Near Income Tax office, Manglam Char rasta ,Sanskar  
nagar,  
BHUJ - 370 001

Sample ID:355732 - Analysis Completion:26/08/2022

Infrastructure Development Project- [If covered under EIA  
Notification] / LAB Inward : 7625

TEST REPORT

Test Report No. : 7625

Date: 26/08/2022

1. Name of the Customer : Adani Mundra Sez Infrastructure Pvt. Ltd - 10602  
2. Address : SURVEY NO. 141 (PART),SURVEY NO. 141 (PART),VILL MUNDRA,SURVEY NO. 141 MUNDRA  
3. Nature of Sample : REP-Representative/Grab, (Insp Type : APP-On Application)  
4. Sample Collected By : Rajesh Parmar, EE  
5. Quantity of Sample Received : 5 lits  
6. Code No. of the Sample : 355732  
7. Date & Time of Collection & Inwarding : 01/08/2022 , (1550 to 1550) & 10/08/2022  
8. Date of Start & Completion of Analysis : 10/08/2022 & 26/08/2022  
9. Sampling Point : From Final outlet of STP ~  
10. Flow Details (Remarks) :  
11. Mode of Disposal : On land for Plantation & Gardening  
12. Ultimate Receiving Body : No generation of industrial wastewater  
13. Temperature on Collection : 26 & pH Range on pH Strip :7 to 8  
14. Carboys Nos for : Barcode & Color & Appearance :Colourless  
15. Water Consumption & W.W.G (KLPD) : Ind :0.000 , Dom :2600.000 & Ind :0.000 , Dom :2500.000

Sr	Parameter	Unit	Test Method	Range of Testing	Result
1	pH	pH Units	4500 H+ B APHA Standard Methods 23rd edi.2017	1 – 14 pH value As or	7.12
2	Suspended Solids	mg/l	Gravimetric method. (2540 D APHA Standard Method	2 – 10000 mg/L	36
3	Fecal Coliform	MPN/100 ml	2.9221 E APHA 23rd Edition IS 1622-1981	<1.8 to >1600 MPN/10	40
4	B.O.D (3 Days 27oC)	mg/l	3 – Day BOD test. (IS 3025 (Part 44) 1993 Reaffirmed	05–50000 mg/l	32

**Laboratory Remarks** : Freeze By:251-r.o\_251 Dt.: 26/08/2022

*T. C. Barmeda*

T.C Barmeda, ROH

**Field Observation :**

Note : 1. \* - These parameters are NOT covered under the scope of NABL.

- The results refer only to the tested samples and applicable parameters. Endorsement of products is neither inferred nor implied.
- Samples will be destroyed after 10 days from the date of issue of test report unless otherwise specified.
- This report is not to be reproduced wholly or in part or used in any advertising media without the permission of the Board in writing.
- The Board is not responsible for the authenticity for the samples not collected by the Board's officials.
- Total liability of our laboratory is limited to the invoiced amount. Any dispute arising out of this report is subject to Gujarat Jurisdiction only.
- Permissible Limits: as per Schedule VI of EPA Rules, 1986 as ammended by Second and Third ammendment 1993 for Effluents
- Physicochemical and microbiological parameters, Std.Methods for Water and Waste Water- 23rd Edition by APHA.
- Bioassay test (for toxicity) -IS:6582:Part-2:2001; Reaffirmed 2007.

# **Annexure – 4**

# Annual Report 2022-23

**CSR** Kutch

*Adani Foundation*  
*Adani House, Port Road, Mundra – Kutch 370 421*  
*[[info@adanifoundation.com](mailto:info@adanifoundation.com)] [[www.adanifoundation.com](http://www.adanifoundation.com)]*



## Our Journey by Mr. Rakshit Shah Executive Director APSEZ

The year 2022-23 has passed off with motivation through recognition by ASSOCHAM for health care awards which shows courage to work for the commitment given to the community. It is necessary that sustained growth is achieved at rural level along with the industrial development. This can be made possible by involving more and more people in the rural development programme.

Since beginning, The Adani Foundation Mundra is committed to the cause of the deprived and underprivileged. It has been working relentlessly across 6 Talukas, covering 92 villages, to uplift the lives of more than 60,000 families with a multi-faceted approach.

This year conceded with more streamline and scalable project of Education i.e. Utthan – to enhance primary education of 70 schools of Mundra including 8 High Schools, milestone achievement in Fisherman amenities project by Providing skill and livelihood to 34 fisherfolk youth, 225 Homebiogas with partnership approach with objective to reduce chemical fertilizer usage in seven villages of Mundra , considerable impact created by Mangroves Biodiversity projects and new era defined in agriculture projects i.e. Super Napier, dates offshoots and Dragon Fruit Cultivation

Gram Bharti has proved a benchmark platform for Self help groups at PAN India which is true support with promoting skill & sustainability. Massavie Tree plantation drive “Vriksh Se Vikas” initiated with aim of plantation 1 Lac Trees in Mundra Taluka in upcoming year.

Jyoti ben Tank – one of the best women farmer of Mundra awarded by “Amazing Indian Award by Vice President of India”. District Animal Welfare Department recognized Adani Foundation for best contribution during Lumpy outbreak.

The people of Kutch have generously supported the activities carried out by the Adani Group or else this wouldn't have been possible. Their determination, understanding and commitment have strengthened the development even more.

Our Achievement would not be possible without the ultimate support by Mr. Gowda (COO, AF), Mr. V S Gadhvi, Executive Director – AF, Ms. Shilin R Adani (Managing Trustee) **and generous faith and passionate support by Dr. (Mrs.) Priti G Adani, Chairperson– Adani Foundation**

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# CSR KUTCH

## Demographic Details

Block	Villages	No. of HHs	Population
Mundra	61 Village and 9 Fishermen Vasahat	35192	153179
Anjar	3 Villages	4350	18500
Nakhtrana	8 Villages	4093	16373
Bite – 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 Panel Making Unit
7. Green to PVC Mundra Limited
8. Adani Kandla Bulk Terminal Port Pvt Limited
9. Adani Solar Limited – Bitta, Abdasa
10. Adani Green Energy Limited – Nakhatrana
11. Adani Cementation Limited – Lakhpat
12. Adani Transmission Limited – Mandvi

# ENVIRONMENT SUSTAINABILITY PROJECTS



# ENVIRONMENT SUSTAINABILITY

Environmental sustainability is the responsibility to conserve natural resources and protect global ecosystems to support health and wellbeing for present and future. These components are closely interrelated and mutually re-enforcing Under Corporate Environmental responsibility.

To make connections between human actions Environment & biological diversity found within a habitat and/or ecosystem, Adani Foundation executing various Project i.e. massive tree plantation drive, Mangroves, biogas provision, forest development and drip irrigation

**Biodiversity conservation:** to preserve biodiversity and Natural Resources.

**Regenerative capacity:** Protect the depletion of natural resources and keep the harvest rate of renewable resources within the capacity of regeneration.

*Environment Sustainability Projects : Ensuring ecological balance, protection of flora and fauna, terrestrial and coastal species conservation, welfare, agro forestry, conservation of natural resources and maintaining quality of soil, air and water*



# REDUCING CARBON FOOTPRINT

## 1. Miyawaki – Nana Kapaya

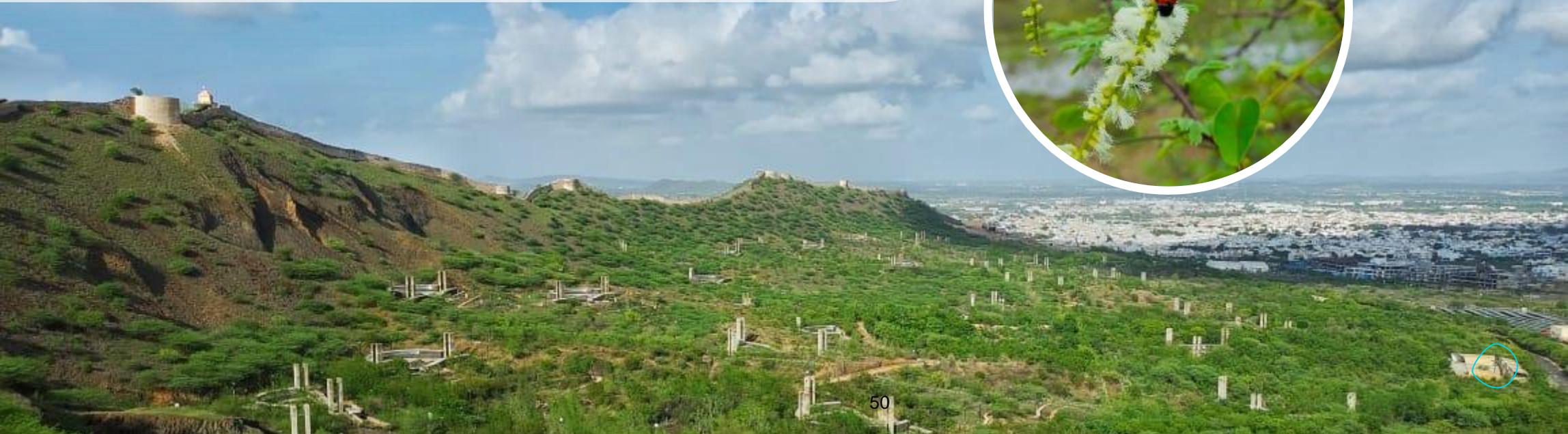
Miyawaki- Dense Plantation is developed in year 2021-22 at Nana Kapaya Village in 2.0 acre land. Miyawaki plot is very close to sewage water tank so watering to plantation by the same. From current year GP has taken ownership for monitoring and watering.

Plantation of 5880 saplings of different 42 species is completed which will result in dense forest due to good rain this year.

## 2. Smritivan Memorial park– Bhuj

The memorial will occupy around 406 acres of space of the Bhujia Dungar near Bhuj, Kutch that will show people's oppressive response to a natural disaster.

Adani Foundation has supported for 47000 saplings in Smriti van @ 100 Lacs INR.



# REDUCING CARBON FOOTPRINT

With a vision to Enhance the diversity of mangrove and its associated species in suitable coastal region of Kachchh, which in turn would enhance the faunal diversity and fishery resources of the area by providing suitable habitats and breeding ground. The ultimate aim of the project is to improve overall coastal biodiversity of the region which in turn assist in improving the livelihood of the coastal populace

Total five mangrove species, such as Ceriops, Aegiceras and Rhizophora were selected which in turn enhanced the dependent faunal diversity of the area. Thereby, there will be an increase considerable biodiversity of the area. **The initial pilot trails were undertaken in an area of approximately 16 hector during the period between 2019 and 2023 with the active participation of local communities.** Current year 4 Hector plantation is in progress which will be resulted in 20 Hector Mangroves Biodiversity Park within one year

S. NO	Mangrove Associate	Life form
1	Suaeda Spp.	Herb
2	Porteresia coarctata	Herb
3	Opuntia elatior	Shrub
4	Sesuvium portulacastrum	Herb
5	Ipomoea biloba	Climber
6	Salvadora persica L.	Shrub
7	Urochondra setulosa	Herb



# REDUCING CARBON FOOTPRINT

Home biogas is the Israel based company was founded in 2012 manufactures dynamic biogas unit not only for farm waste but for kitchen waste too. Under Gram Utthan Project, Adani Foundation is supporting home biogas to farmers periphery Villages.

Promotion of Natural Farming–Home biogas And Improving the health and living conditions for the millions of families that are still cooking on charcoal and wood. Adani Foundation is not only supporting but creating awareness to save environment and health of the community who regularly cooking on Chula. **It is proven that one hour cooking on Chula is as dangerous as smoking 40 cigrates.**

Till date 225 farmers are utilizing it with satisfaction and considerable outcome by saving Average Rs. 23,400 for gas and fertilizer as well – with Economic benefit of Rs. 52.65 Lacs.

100 Farmers are linked up with Gobardhan Yojana in which DRDA is providing Biogas with Rs. 5000 Contribution. Adani Foundation has worked as a facilitator between DRDA and Beneficiaries farmers in filling and submission of forms. Total 325 farmers are supported with Biogas as sustainable environment protection



**4,176** TONS OF ANIMAL MANURE TREATED

**359,687** HOURS OF CLEAN COOKING;  
**9.3** TONS OF BIOGAS CREATED  
**325** TONS OF FIREWOOD REPLACED;

**47,375** HOURS SAVED ON REDUCTION OF  
FIREWOOD & COLLECTION  
**1225** TONS CO2 EMISSION REDUCTION



Reducing organic waste + Transitioning to renewable energy + Motivation for reduction in use for fertilizer

# REDUCING CARBON FOOTPRINT

## 5. Water Conservation Project - CSR

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 in coastal belt of Mundra as per Government Figures. Our water conservation work is as Below.

- 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 farmers
- New Pond Deepening Under Ajadi ka Amrut Mahotsav done in Goyarsama village. Approx Deepening Capacity is 12000 Cum.
- Roof Top Rain Water Harvesting 145 Nos. **(40 Nos current year)** which is having 10,000 litre storage which is sufficient for one year drinking water purpose for 5 people family.
- Recharge Bore well 208 Nos 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 bore well depth decreased by 50-100 Ft in Zarpara, Bhujpur and Navinal Vadi Vistar.
- **Check dam gate valve construction at Bhujpur which controlled more than 350 MCFT water to go into sea and get recharged current year.**
- **Pond Pipe line work at Prasla Vistar Zarpara which increase recharge capacity more than 25% in 100 hector area.**



# REDUCING CARBON FOOTPRINT

## • Impact

- 218500 men, women, children, and elderly impacted by this initiative.
- Total Dissolved Solids (TDS) in the ground water down by 16.7%.
- Ground water table up by 4.2 ft. over the last 5 years.
- In four villages water levels have increased by 15-20 ft. through borewell recharging facility
- Storage capacities of check dams and ponds increased by 106.44 MCFT. Total area benefited 2857 hectares.
- Annually 10000 Liters of water saved and up to INR 10000 saved per family.
- 80% reduction in money spent on labour.
- Up to 20% less money spent on electricity bills.
- 50% less water used as compared to conventional methods.
- Potable water available at doorstep. Earlier on an average women used to walk 1.3 kms to fetch water.
- On an average there has been up to 25% decrease in expenses on healthcare.
- Water availability has also ensured safety, security and overall well-being of women and children in the area.
- Initiatives and efforts made under water projects by Adani Foundation continues to provides sustainable solutions for community for their improved farming and ease of living.



# Water conservation and Management

## Process Flow for Rooftop Rain Water Harvesting System



Social Survey & TDS mapping



Community Contribution



RRWHS



Impact

- Portable water at door step
- Cost saving for portable water
- Improved water quality with
- Creates water conservation awareness in rural community
- Improves standard of living of rural community

Total RRWHS :- 145

RRWHS Constructed in 2022-23 :- 40

Population Impacted :- 500+

Savings per household :- 10000+

TDS difference between Ground water and RRWHS water



# REDUCING CARBON FOOTPRINT

## 6. Tree Plantation

Till the date 70,540 Tree have been planted at various Public places , Schools, GP and crematorium with their responsibility to nurture and maintain regularly.

For this passionate work our team Member Mr. Karshan Gadhvi was Felicitated with Van Mitra Award by Forest department and GOG.

Adani Foundation has planted 1100+ fruit bearing trees at Bhujpur and 2100+ neem, pipal and native spices at Dhrub in coordination with District Forest Department and community with partnership approach



# EDUCATION

EDUCATION IN INDIA



# PROJECT UTTHAN



# PROJECT UTTHAN

The Adani Foundation set out an innovative intervention in year 2018–19 through project Utthan to improve students' learning capabilities, provide facilities to schools to improve environment and achieve better learning outcomes at the grassroots level with the help of Utthan sahayak. This extensive intervention involves adopting government primary schools, tutoring Priya Vidyarthi's (progressive learners), introducing English as a Third Language, with various academic activities as well co-curriculum activities to end the dropout rates, and working together for staff capacity building. In order to improve children' basic literacy and numeracy skills, it has also engaged the help of educators and parents, especially mothers.

## Key Aspect of Project Utthan

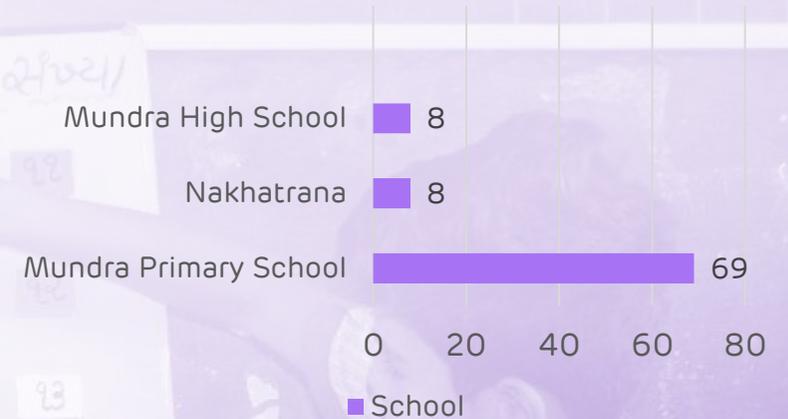
- ✓ Adopting government primary schools.
- ✓ Main streaming Progressive learners
- ✓ Enhancing Learning Outcomes
- ✓ Arresting dropout rates
- ✓ Introducing English as a Third Language
- ✓ Enabling Joyful Learning Spaces
- ✓ Collaborating for teachers' capacity building

Gunotsav is a quality enhancement initiative of the Government of Gujarat for bringing about improvement in learning levels of students at Elementary level

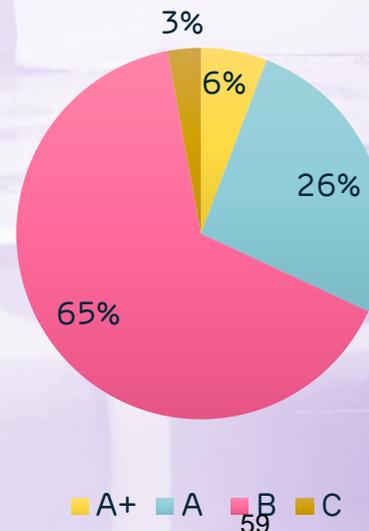
Assessment is based on four core areas :

- ✓ Teaching learning outcomes
- ✓ School management
- ✓ Co-Scholastic activities
- ✓ Usage of resources.

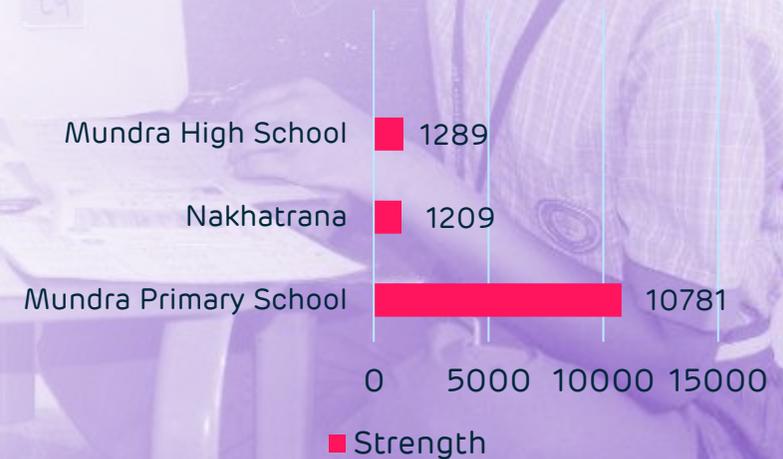
## Utthan Schools in Kutch



## Gunotsav 2021-22 (Kutch) : An Affirmation on Utthan Schools



## No's of Students in Kutch



# PROJECT UTTHAN



Conduct baseline assessment of 7034 Students, 3364 Students were progressive learner, 1403 Students mainstreamed.

Location	Total Strength	Baseline Assessment	Progressive learner	Mainstream Students
Mundra	10799	6047	3029	1247
Nakhatrana	1267	987	335	156

Facilitating English from Classes 1-4 : 7500 + are taking the advantage of this intervention.

## Cultivating Reading Culture

Introduced DEAR (Drop Everything and Read) period on every first and third Saturdays for an hour; Library activities on every Second & fourth Saturdays.



Year 2020-21

22890 books

Year 2021-22

60780 books

Year 2022-23

110205 books

# PROJECT UTTHAN



## IT on Wheels : 2 Dedicative Van, 55 Laptops Empowering 2620 Students of 5-8 Std. In Gujarat

IT on wheel program is run to teach them basic emphasizes elementary school digital literacy. In early schooling is the first step to addressing access disparities in this evolving digital environment which is not feasible for rural students. Customize basic syllabus impede their development.

## Day Celebration every Month : Summer Camp & Diwali Mela in Vacation

Every month Utthan sahayak celebrates day in which encourage students to

participate in co-curriculum Activity which create opportunity to learn and experience new things. Also planned 15 days Summer camp & 10 days Diwali mela during vacation. 2800+ students participated with more than 4000 handmade traditional products, 3500+ footfalls during exhibition cum sale. Diwali mela attracted 7363 students. That included 12 Activities, 28529 Total Expenses & 37529 earn students. Sarpanch, SMC members, Mothers, and Parents all take part enthusiastically.

## Competitive exam Preparation

Location	JNV	NMMS	PSE
Mundra	227	324	347
Nakhatrana	23	48	48

## 500+ Mothers meet with 11000+ Mothers

Every month, on the Fourth Saturday, Utthan Sahayaks conduct Mothers meets. A child grows a most during the first few years of school, when both the mother and the teacher are crucial in developing their character and personality. Many of the kids are first-generation learners with uneducated parents; in these circumstances, Mother's Meet encourages mothers and teachers in working together to support the education of the child. Also, mothers get a sense of empowerment and value and regularly updates on school activities. Recreational activities during the meeting add an element of surprise and rejuvenation among the Mothers.



# PROJECT UTTHAN

## International School Library Month (ISLM)

ISLM (International School Library Month) was celebrated by 69 Utthan schools. And school from Russia joined with us in zoom to engage under the virtual connection around the world.

Students from Samaghogha School No.1 performed Garba, while students from Vandh school gave information about library activities. Bookmarks' & Digital bookmarks were distributed with partner schools. This is continuing, 3<sup>rd</sup> time Utthan schools participated in ISLM.

## Signed MoU with 18 more Government Primary Schools at Mundra

## Signed MoU with 8 Government High Schools : 8 Village 8 High Schools, 2 Adani Education Evening Center

To overcome challenges of High schools and improve the quality of education, Utthan appointed 2 Utthan sahayak at High schools. 1 for Science/Math's & 1 for English as most of the students facing problems in this subjects. Utthan organized a Parents Teachers Meeting at 8 schools in 8 villages, there were over 450 parents gathered.

After school, children get the opportunity to study at three levels at the Adani Education Evening Center. (AEEC) Remedialcoaching.



Project Title	Participation of Utthan School	Partner Schools	Partner Countries
Bookmark	51	63	08
Digital Bookmark	37	78	10
Virtual Connection Around the World	10	10	09
Total	98	151	27

# PROJECT UTTHAN

## Utthan's outreach strategies to Increase children's learning

- ✓ Project Utthan has been studied and selected as 'University Practice Connect' by Azim Premji University, Bengaluru.
- ✓ Project is in alignment with NIPUN Bharat (National Initiative for Proficiency in Reading with Understanding and Numeracy Bharat Program) & FLN (Foundational Literacy & Numeracy)
- ✓ Navneet e-Sense software updated in all schools.
- ✓ 100 hours capacity building programs for Utthan sahayak and school Teachers. specially focusing on Foundational Literacy and Numeracy. Utthan sahayak attend CBP (Capacity building program) once in every month.
- ✓ 100% participation in 100 days reading campaign.
- ✓ Google Map : All Utthan schools added in Google map. Utthan sahayak upload photos continuously. that's uploaded Photos got 200k+ views.
- ✓ Utthan sahayak create content for Reading, Writing & Numeracy.
- ✓ Utthan sahayak create 150 Worksheets on Yoga In the run-up to India's 75th Independence day celebrated across India's Azadi Ka Amrit Mahotsav. The tour covers 75 heritage, tourist and archaeological sites and landmark architectural sites across Gujarat.
- ✓ Utthan Sahayak, Hetalba Vaghela encouraged students from Mokha Primary School to write the story. Saptahik Phulwadi, Ahemdabad published the story written by student.
- ✓ TLM, Sports, Music & Science kit distributed to create joyful environment.
- ✓ Inter school competition organized to encourage physical activity & develop talent.
- ✓ Utthan sahayak encouraged & trained students in various competition organized by GoG.



# EDUCATION PROJECT

## Adani Vidya Mandir, Bhadreshwar



**EDUCATION: FREE AND COMPULSORY** - vision of Adani Foundation to provide cost-free education, food, uniform, books to the children of economically challenged families of Mundra Bock. Adani Vidya Mandir, Bhadreshwar was established in June 2012, with aim of uplifting the communities through education. The school is equipped with excellent infrastructure and resources required for all-round development of the student. The child is given admission in class 1 and is molded to be an educated and a good human being by experienced and compassionate teachers. The school follows a curriculum designed by GSEB. **507 underprivileged students of Fisherman & Maldhari communities from 8 villages benefitted costfree education at the school**

Teachers Day Celebration with facilitation of all teachers and awarded 5 best teachers in academics. District Education Officer Mr. Prajapati graced the occasion and motivated the staff.

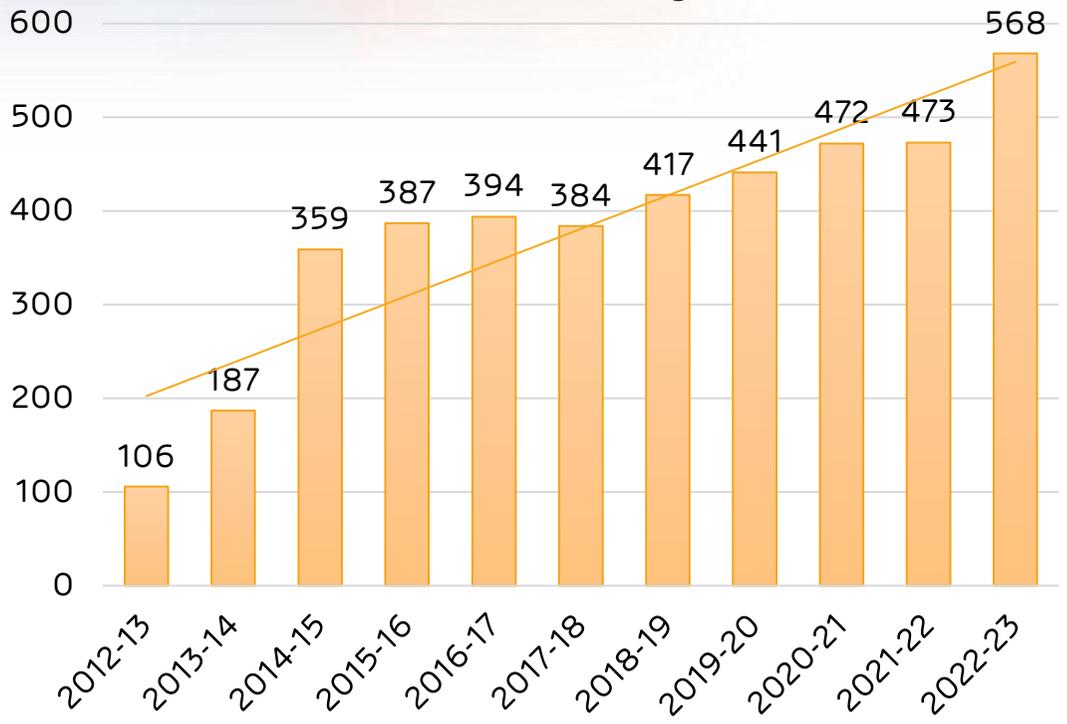
# ADANI VIDYA MANDIR, BHADRESHWAR



milestone achievement of Adani Vidya Mandir Bhadreshwar Gujrat Board Standard 10<sup>th</sup> Examination Result is 100%.

- The grand celebration of the year 2022-23 at AVMB was Shri Gautam Adani sir's Birthday.
- Promoting the harmony across all communities, Special Assemblies are conducted on a regular basis where all the Festivals irrespective of the religion & following are fondly celebrated.
- Periodical assessments and evaluations are conducted for the students and their progress are informed to the parents frequently.

Total Strength



Adani Vidya Mandir Bhadreshwar 2021-22 (10 <sup>th</sup> Board)		
NO	GRADE	STUDENTS
1	Above 80 %	3
2	60-80%	18
3	40-60%	10
	TOTAL	31
	Result	100%

# PROJECT UDAAN

**Vision :** To create a pool of inspired young mind

**Mission :** To motivate young students to dream big



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 where school students are given a chance to visit the Adani Group facilities such as Adani Port, Adani Power and Adani Wilmar refinery at Mundra to get an insight into the large-scale business operations and thus get inspired to dream big in life. The exercise stimulates the young minds to dream big and help them become entrepreneurs, innovators and achievers of tomorrow, and thus play an active role in the process of nation building

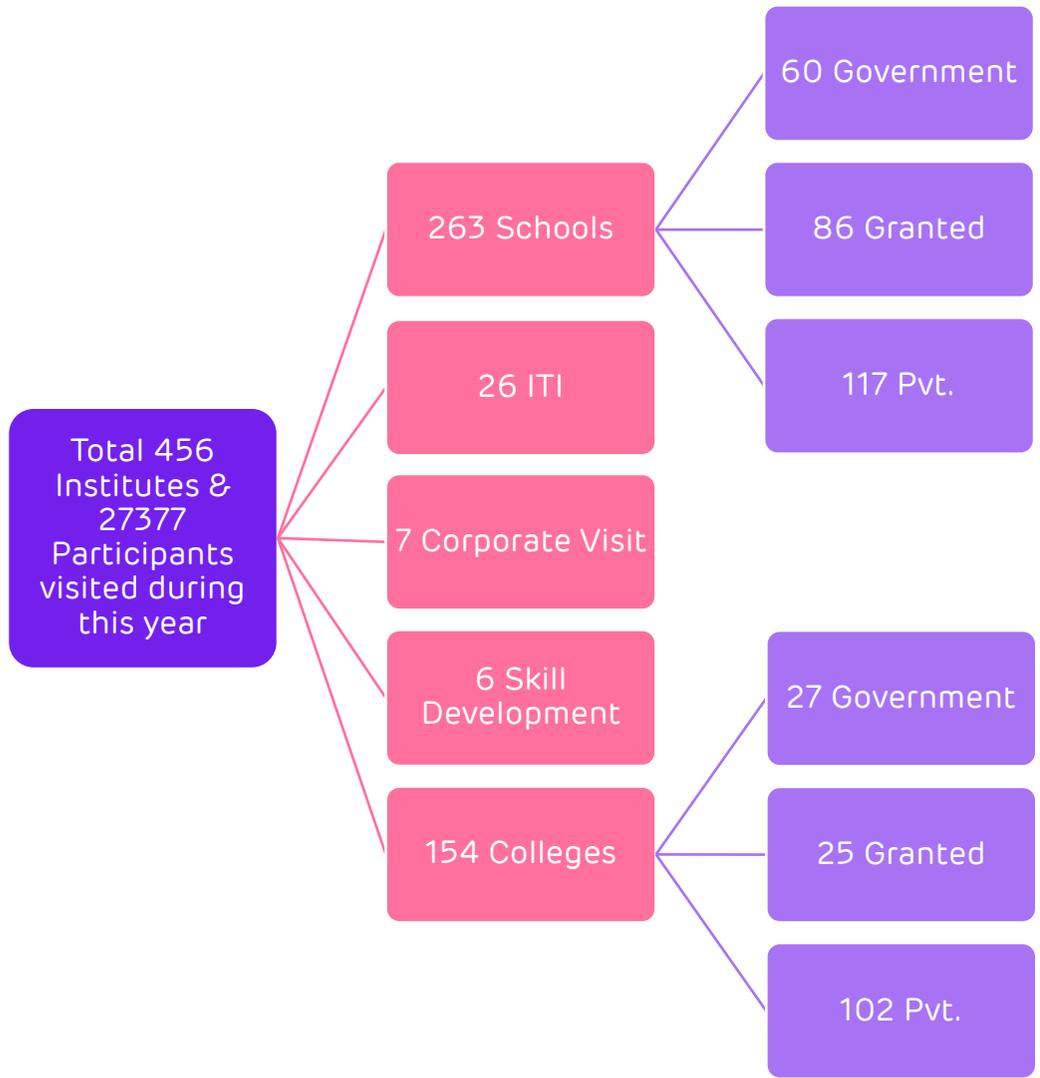
Adani Foundation, Udaan Project invited the members of self-finance School Association, Gujarat for an exposure visit. 90 participants were facilitated with extraordinary experience of Port, Power, Wilmar and Solar plants visit.

Under Project Udaan total revenue generation is Rs.218.77 lacs.



# PROJECT UDAAN

## Dashboard Sustainable project revenue generated



### Impact

- INSPIRE TO ASPIRE**
  - Igniting thoughts for the bright future.
- UNFORGETTABLE EXPERIENCE**
  - Visitors get to observe and experience the operations on sites.
- ENCOURAGE TOWARDS GOAL**
  - APSEZ existence proves that dreams come true if we convert them in GOALS
- INDUCING KNOWLEDGE**
  - Widening of knowledge horizon.
- THOUGHT PROVOKING**
  - Stimulating young minds to think out of the box.
- INFUSE CREATIVITY**
  - Students gets exposure which enable them to provoke ideas in them during visits.

SUSTAINABLE  
LIVELIHOOD  
DEVELOPMENT



# SUSTAINABLE LIVELIHOOD DEVELOPMENT

## The Pashudhan & Preventive Health care management

Program is a revolutionary initiative by Adani Foundation to provide support and aid to farmers in managing their cattle's health and nutrition needs. The program aims to bring about a positive change in the lives of farmers of Mundra ,who heavily rely on their livestock for income and sustenance.

One of the key components of the Pashudhan Program is providing fodder support to farmers, especially during periods of drought or crop failure. Adani Foundation provides good Quality of dry and green fodder which covered 14116 Cattle of 24 Villages / 3008 farmers. This Program help them to feed their cattle with good quality of fodder that meets all nutritional requirements which increase the productivity of livestock and improve their overall health. In turn, this has resulted in increased income for farmers and improved food security for families.

In addition to this, we also focuses on farmers training for effective cattle health management techniques and Vaccination Drive as prevention measures.



# SUSTAINABLE LIVELIHOOD DEVELOPMENT

## Grass Land development

AF converted 205 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 Guchar land is fenced and sowed with Multispecies Green Fodder with Having Good nutritive value. More than 2250 Cattle will sustain with Improving quality and Quantity Of Milk.

Average 2450 cattle get benefitted by green fodder for 72 days –which increase 0.5 litre milk quantity of 50% cattle.

(1225 cattle x 0.5-liter milk quantity Increase x 40 INR per liter=Rs.1592000).

Apart that Open grazing Benefit save farmer cost to purchase Fodder .(2450 cattle x 7kg /Day X 72 Days = Rs. 37,04,400 (Rs. 3 per kg)

**This Intervention could save Rs.52,96,400.00**

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

## Individual Fodder Cultivation

Farmers were Aware ,Convince and trained to cultivate super Napier Grass- as on farm projects to reduce their Fodder Dependency and expense. its update Varity of grass and Can be harvested three time in year with Good growth and Nutritive Value. With that effort 192 farmers have Adopted and Cultivated Super NAPIER Grass in **190-acre area and produce 3800 Fodder Tonnes Yield annually, lead to save Approx. Rs.52 Lacs of farmers.**

# SUSTAINABLE LIVELIHOOD DEVELOPMENT

## Cattle health camp

Adani Foundation and Animal Husbandry department Veterinary Jointly organizing cattle health Awareness and vaccination programs in 24 Villages of our periphery villages. A cattle health camp typically involves a team of Government veterinary Doctor who provide check-ups and treatments for common ailments and remaining Medicines and Vaccine was provided by AF

Program is very effective to maintaining the optimal health of livestock and help to protect the cattle from deadly diseases such as Foot-and-Mouth Disease (FMD) and Clostridial infections. The vaccines used in these programs are specifically designed to provide long-lasting immunity against specific diseases, ensuring that the animals remain healthy even in harsh environmental conditions.

**Total 17299 cattle of 19 Villages had benefitted With different kind of medicines and vaccines.**

Apart that 973 camels kharai camels were vaccinated with fitodas and Antisaras in the Phulai-Chhari Dhandh area of Nakhtrana taluka.



## Lumpy Disease Vaccination Drive.

An effective and Immediate step was taken to Mitigate lumpy Skin disease outbreak in the Kutch In co-ordination of District Animal Husbandry department through Vaccination and awareness drive at grass Root level. Total 40,000+ cattle were covered through therapeutic and ayurvedic treatment and Nutritive Cattle feed Support.

# SUSTAINABLE LIVELIHOOD DEVELOPMENT

**Bovine brucellosis** is a chronic infectious disease of cattle that causes abortion, the birth of weak or dead calves, infertility and, as a consequence, reduced milk production. Cattle and buffaloes of all ages are susceptible, and infection can persist for many years.

This disease is also zoonotic (a disease that can be transmitted from animals to people) Hence to protect Cattles against Bovine Brucellosis AF Started Awareness and vaccination program with Kutch fodder fruit & Forest development trust (KFFT) in our 11 Villages.

**Under this project following activities were carried out,**

- Meeting with Gram Panchayat, Farmers and Livestock Owners
- Development and Distribution of the Awareness Materials among the stakeholders
- Mass Level awareness by pasting the poster and meetings with Village Gram Panchayat's
- Primary Survey and Sample Collections i.e. , Milk Ring Test, Blood Collection and testing
- Brucella Vaccination and Ear Tagging etc. Brucellosis Control Project 2020 Cumulative Progress of various important

No	Name of Activity	2020-21	2021-22	2022-23	Total
1	Awareness Meetings	19	23	18	60
2	Milk Ring Test	48	11	34	93
3	Blood Sample Collection	29	23	18	70
4	Vaccination	2132	2951	2970	8053
5	Family Covered (Direct)	287	379	484	1150
6	Total Benefited (in Direct) Families	1435	1895	2420	5750



## Promotion of Natural Farming

Natural farming is a method of agriculture that prioritizes soil health and sustainability. Instead of relying on synthetic fertilizers and pesticides, one key aspect of natural farming is the use of cow-based preparation like Jivamrut, Gau Krupa Amrutam and wormy Compost Fertilizers.

Adani Foundation Promote Farmers to adopt Cow based farming with end to End Program from Awareness to Market Linkage. 1392 farmers benefitted by training from which 60% farmers chemical usage is reduced to half extent in 500 Acres approximately.

### Impact

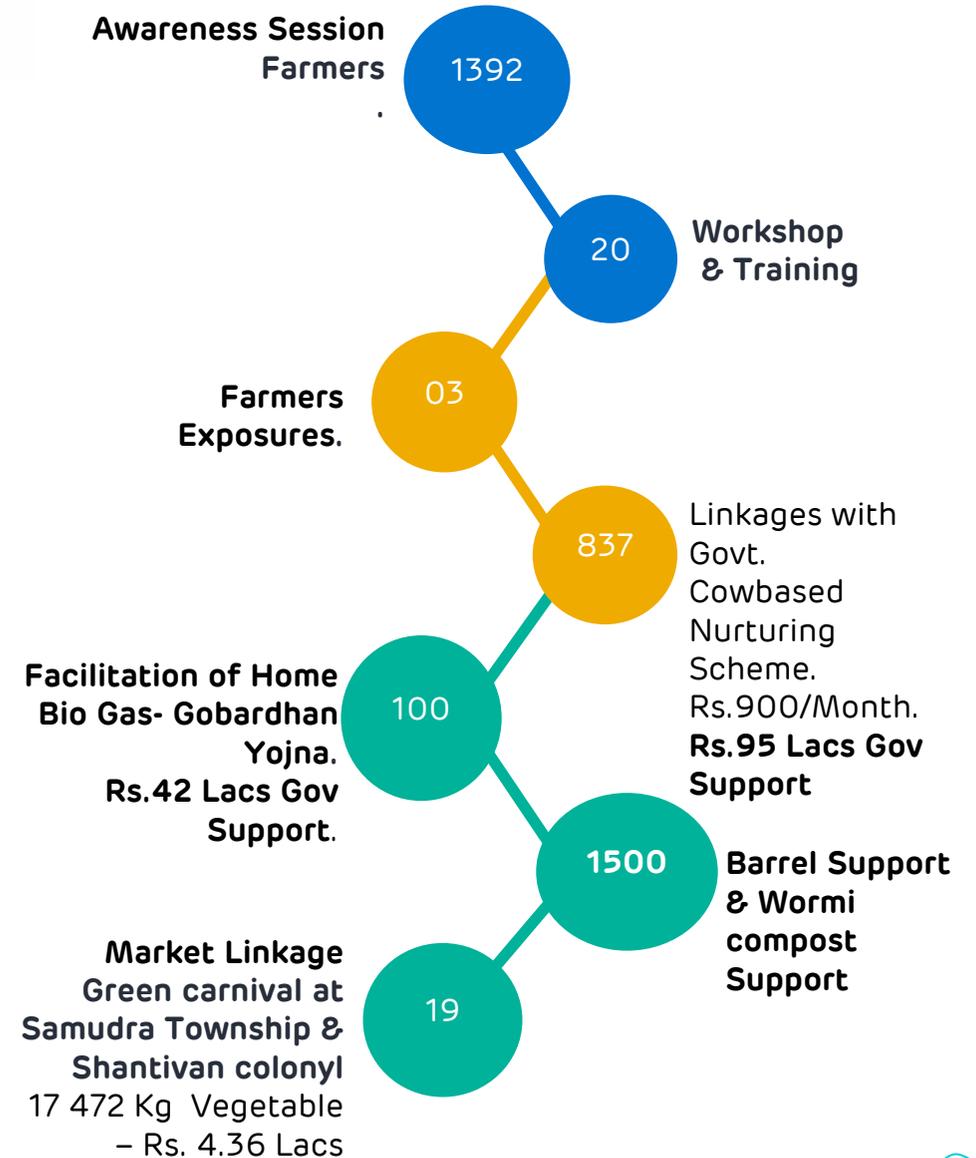
- I. Production Cost- 20% Reduced
- II. Chemical & pesticide exposure- 30 to 40% Reduced
- III. Premium product price-5% increase
- IV. Crop Yield & Taste - Better taste and quality-



# SUSTAINABLE LIVELIHOOD DEVELOPMENT



## Implementation Process of Projects



# SUSTAINABLE LIVELIHOOD DEVELOPMENT



## Prakrutik Sahkari Mandli

Formation of Shree Raj Shakti Prakrutik Kheti sahkari Mandali Limited Mangara and register Under Gujarat Co-operative Society act-1961 with 60 Members which is the First Organic Company of Registered across Kutch.

AF Started an Initiatives **"Green carnival"** an initiatives to Provide Marketing Platform to farmers to sell Natural Farming Vegetable & Agri Produce at Shantivan and Samdudra town Ship ,Mundra on Weekly base.

We provides resources, and technical assistance to help farmers to market their products successfully.

## Farmer's Producer Organization

Kutch Kutch Kalpaturu Producer Entity (KKPC) was established in the year 2020 to address the interests of farmers, particularly to provide an entrance for outputs and inputs. The company was founded with 237 farmers

KKPC served for Date Packaging box, Milk Supply to Colonies, NB 21 Off suits Supply, Vegetable Seed ,Mineral Mixture and Cattle feed supply and plan to extend more service.

KKPC Current Year turnover is. Rs.28.89 lacs by started Different Kind of Initiatives



# SUSTAINABLE LIVELIHOOD – FISHERFOLK COMMUNITY



Access of Pre-primary education to 3 Vashat – 125 Students



Transportation Facilities to Govt. & AVMB School- 33 Students



Free AVMB –School Education - 147 Students



Book Support -43 High School Students



Scholarship Support -43 Students of SMJ School Luni



Coaching for 10<sup>th</sup> Exam OF 8<sup>th</sup> .9<sup>th</sup> Failed Students -28 Students

**Fisherfolk education has had a significant impact on communities to shaping individuals' lives By providing Access of quality education for Pre- primary to Higher Education. More than 500+ Fisherfolk children are getting Education**

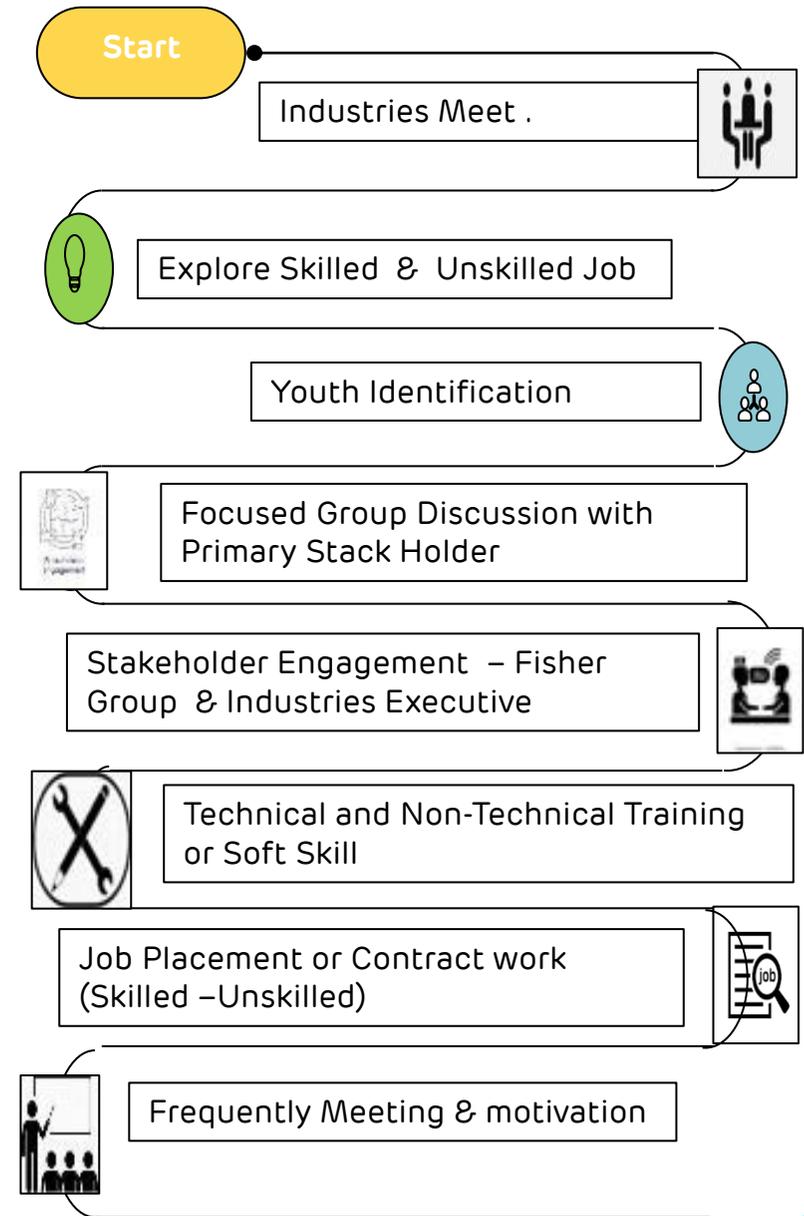
## Impact

1. Access Of Quality Education
2. Promoting Girl Child Education.
3. Increase Economic Productivity
4. Creating Employment Opportunity
5. Social Development & Networking

# SUSTAINABLE LIVELIHOOD DEVELOPMENT

- ❖ 194 fishermen and women are engaged through Contract adani Group Company on regular base.
- ❖ 23 Youth have been Placed in Different company after Completion of Technical training.

Total 217 Fisherfolk are Employed and earning on Monthly Base.  
Average Monthly Income Rs.14500/ Individual



# SUSTAINABLE LIVELIHOOD DEVELOPMENT

## Fisherfolk Livelihood

Mangrove plantation and Nursery development work has created a two facet impact by providing Livelihood to Fisherfolk during two months Fishing during Off season and developing 162 hector dense mangrove afforestation. **5200 Men days** work provide to **285 Fisherfolk** of Luni ,Sekhdiya and Bhadreshwar Villages in coordination with Horticulture Det.

Formed **Sagar Saheli SHG of** Navinal Fisherfolk Women and Linked With DRDA after completion of Stitching Training ,received first order of Rs.80,000 to prepare Cotton Bags. Total 12 Women are engaged and planning to expand with more Women and Order. Liaising with Fisheries department to Facilitate Fishermen welfare Scheme and Form Filling Process. Pagdiya Fisherfolk Kit, Boat Licence renewal, Boat Token Process.



# WOMEN EMPOWERMENT PROJECT

Women are essential to the entire development process, whether in a single household, a village, a state, or a nation. Adani Foundation provides a platform for Community women to overcome the social barriers by becoming change - makers in their communities and societies while maintaining their traditions. Mundra has witnessed a significant shift in the development of women beneficiaries in various fields of occupation including such agriculture, self-employment, horticulture, and so on. The Adani Foundation has a strong emphasis on strengthening rural women and betterment through sustainable livelihood support, resulting to socioeconomic shifts in the rural population.



# WOMEN EMPOWERMENT PROJECT

## Strategy & Process of Empowering Women by SHG Group

Identification of target Group

Mobilization and formation

Capacity building & Training

Saving & Credit Activity

Income generating Activities

Connect with Government & other organization

Monitoring & Evaluation

Adani Foundation has been working towards empowering women through various programs and initiatives. Here is a brief overview of our work in women empowerment :

- ✓ **Self Help Groups (SHGs)** : We have established 82 self-help groups in various rural and urban areas to provide financial and social support to women. We provided training and capacity building workshops to members of these SHGs to help them develop income-generating activities and improve their livelihoods. Through this initiative, we have empowered over 850 women to become self-reliant with Savings of Rs. 30.42 Lacs
- ✓ **Training & Skill Development** : We conducted skill development programs for women in various fields such as tailoring, handicrafts, and food processing. These training programs helped women develop their skills and start their own businesses. We have trained over 320 women in various skills, and many of them have started their own businesses.
- ✓ **Women's Health** : We organized several health camps and awareness programs for women, with a special focus on menstrual Hygiene. These programs aimed to educate women about their health and empower them to make informed decisions. We provided health services to over 1150 women through these camps.
- ✓ **Assistance in Job & Government scheme** : We empower 256 women by help them to seek Job, they all earn average 9288/- Monthly. Also Gave awareness about government scheme which directly benefit to woman & helped them in the process to apply.
- ✓ **Advocacy and Awareness** : We conduct awareness campaigns and advocacy programs to promote gender equality and women's rights. We aim to challenge the social norms and cultural practices that prevent women from achieving their full potential.

# WOMEN EMPOWERMENT PROJECT

1. 56+ women by Gram Bharati Platform

2. 102 + Menstrual Hygiene workshops

3. 12+ Advocacy and Domestic violence sessions

4. 82 SHG - Saving & Credit Activity

5. 220 + Job Placement



# WOMEN EMPOWERMENT PROJECT

SHG Name	Our Intervention	No. of Woman	Get Order from	Order of	Total Order (lac)	Grambharati (lac)	Till today Turnover
Jyot Saheli Swa Sahay Juth	Collaboration with RSETI & trained woman by Rural Self Employment Training institute	10	Mundra Navratri Celebration	Moti work, Bead work neckless as well as Panjo	0.42	0.75	1.17
Saheli Swa Sahay Juth	Help them for tender process	10	Jilla Mahila ane Bal Adhikari Kutch,Bhuj	Sanitary Pad	1.20	0.00	2.50
Tejashvi Saheli Swa Sahay juth	Help them to increase variety in stitching related work, Wall Hangings, folder bag, Uniform	15	AVMB – Bhadreshwar	Uniform, Folder bag,Jatt bag	9.12	1.10	20.25
Food Sister Saheli group	Help them to start the Canteen at Rangoli Gate	10	APSEZ + Rangoli Driver Shed	Food	3.00	0.00	3.50
Shradhha Saheli	Tender from ATMA + Various ordered of Food + Snacks provided to various Balvadi	10	ATMA, Adani Public school & Balavadi	Lunch + snacks	8.63	0.20	15.00
Meghadhanush Saheli	organized an exhibition of Eco-friendly Ganpati	11	Utthan Project	Mud frames	1.39	0.60	12.00
Radhe Saheli Swa Sahay Juth	Exhibition cum sale & Inspire them to participate in Grambharti	16	Gram bharati order	various type of Dhadaki	0.40	0.20	2.00
Sonal Saheli Groups	Training them for Making Phynial & Washing Powder	10	Port & Wilmar	Sale washing powder	3.60	0.00	12.00
Karimbhai Mansuri	Namda Craft				1.80	0.00	9.80
Over All Corporate	Marketing & Gift packing Training	35	corporate order	Various order from all SHG	9.76		9.76
Total	-	127	-	-	39.32	2.85	87.98



# WOMEN EMPOWERMENT PROJECT

Training, Awareness programs, Exhibition and Certificate courses can play a critical role in the development of women by providing them with the skills, knowledge, and resources they need to succeed in their personal and professional lives. Adani foundation is providing that opportunity to rural women by

exposure. This initiative more than 500 woman trained in subject like how to run business, Personal hygiene, Woman rights, social media marketing etc. 30 Women got the Artisan card though the RSETI ( Rural self Employment Training Institutes) Adani foundation celebrated International women's by

motivating 150 Woman from different 82 SHG's. Current year theme was **Digital ALL : Innovation & technology for gender equality.**



# Community Health

*Access to quality healthcare is a fundamental right of every individual*

Health plays a crucial role in transforming people's lives. We all realized importance of health after facing challenging situation during Pandemic. Access to quality health care gives a fair chance to lead healthy, productive lives. Healthy people can utilize opportunities available to them.

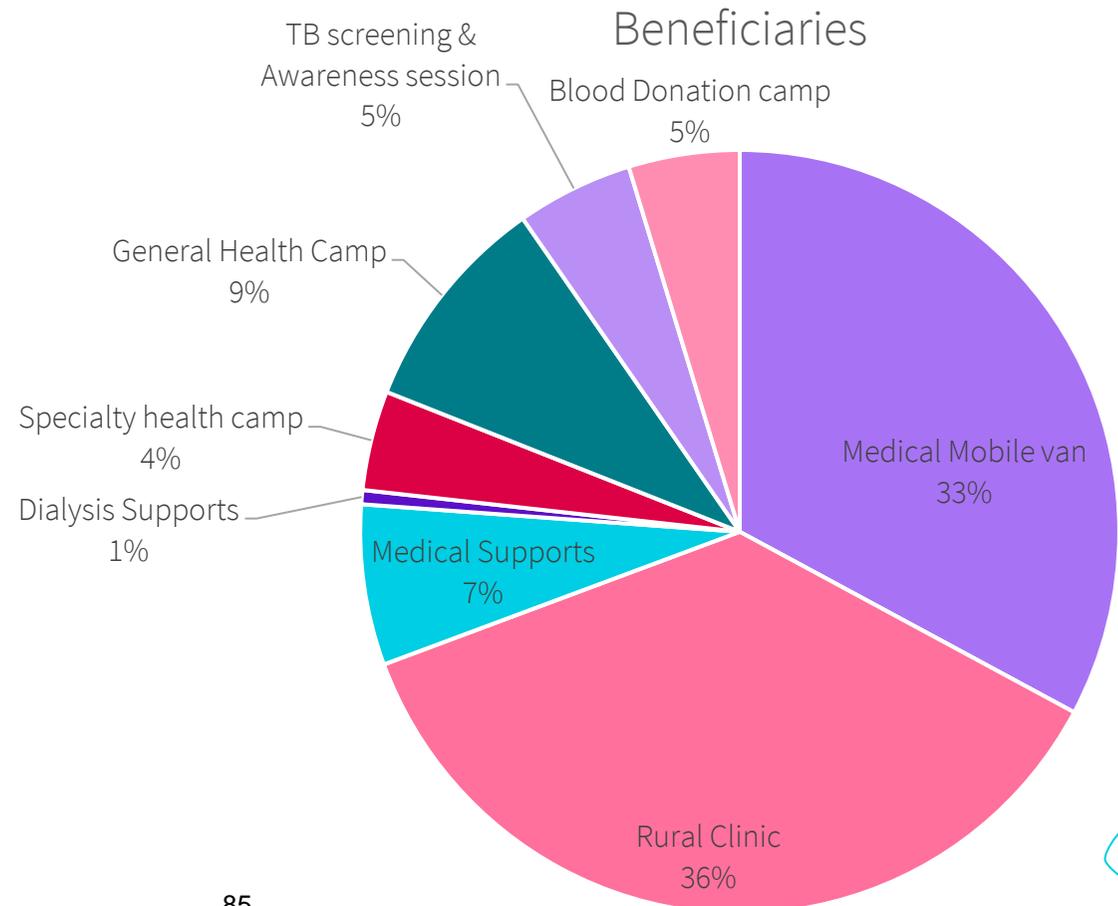


# Community Health

Sr. No.	Project	Beneficiaries	
1	Medical Mobile van	11879	32 village
2	Rural Clinic	13209	9 village
3	Medical Supports	2460	63 village
4	Dialysis Supports	216	63 village
5	Specialty health camp	1527	
6	General Health Camp	3379	
7	TB screening & Awareness session	1795	
8	Blood Donation camp	1710	
Total		36175	

**“Healthy mind remain in healthy body which create health community to make healthy Nation.”**

Adani Foundation is relentlessly working to Provide access of quality health facilities at Doorstep level to create health Society for healthy nation development through various kind of health Projects



# Community Health

## Rural Clinic & Mobile Health Care unit

Adani Foundation focuses on ensuring good health for better contribution to growth and progress. During this pandemic situation health is the basic need for development of community. Their objective is to live healthier lives by promoting healthcare seeking behavior.

Mobile Health Care Units and Rural Clinic Services are deployed with the objective of providing basic healthcare facilities to remote rural areas as well as poor peoples. The service is being executed by Adani foundation is to reduce travel time, hardships and expenses.

The mobile health care unit cover 25 villages and 07 fishermen settlements. Around 90 types of general life saving medicines are available in these units. This service become boon for women, elderly and children as the service is availed at their doorstep.

Rural Dispensaries are established where there is a gap in the healthcare services. The Adani Foundation operates Rural Dispensaries in 6 villages of Mundra block, 02 villages of Anjar block and 1 clinics in Mandvi Block. Mobile dispensary and rural clinics provide health services with token charge of 20/- rupees per patient daily by a doctor and a volunteer.

During this year total 11879 beneficiaries were benefitted by Mobile van and total 13209 beneficiaries were benefitted by Rural clinics where female ratio is 65%.



# Community Health

## Medical Support Detail

Adani Foundation provides primary health care and financial assistance to needy poor people for ailments such as kidney related problems, paralysis, cancerous and tumor surgeries, neurological and heart problems, blood pressure, diabetes etc.

Partial Medical Support had been given to 2000+ beneficiaries of Mundra, Mandvi and Anjar Block at Adani hospital, Mundra. where as in the Critical cases after stable them we refer them to GKGH, BHUJ for further treatment.

## Dialysis Support

The drinking water of Mundra contains high TDS (Total Dissolved Solids). Hence, the proportion of patients with urinary stones and kidney failure is more. Patients suffering from kidney-related diseases require regular dialysis which is costly and adds to the financial burden of the family.

Hence, the Foundation has undertaken a programme to providing dialysis treatment to help the extremely needy patients to live a healthy life. During this

year, 4 patients were supported for regular dialysis (twice a week) with partial support.

## NCD Awareness and Prevention

MHCU and Rural Clinic Doctors are working parallelly for creating awareness and prevention measures for Non Communicable diseases, Awareness sessions scheduled in 8 High Schools and 2 community places. More than 110+ patients were supported and counselled for Hypertension and Diabetes. Due to early intervention their life span increased and quality of life became better

## Machhimar Shudhh Jal Yojana

To reduce water born disease and women drudgery to get water, Potable water is provided to the fishermen communities at different vasahat through water tanker since 9 years. Coordination done with Gujrat Water Infrastructure Limited For Juna Bandar, Kutadi Bandar, Veera Bandar and Ghavar Bandar. Adani foundation is supporting to 3 fisherfolk settlements.



# COMMUNITY INFRASTRUCTURE DEVELOPMENT

The Adani Foundation's Community Infrastructure Development (CID) program is the keystone initiative focus on improving infrastructure facilities of rural and urban area with proper designing and implementation to built robust infrastructure, This project impacted Thousand of life toward health care, education, agriculture, water and sanitation and other basic facilities for sustainable rural development



# COMMUNITY INFRASTRUCTURE DEVELOPMENT



40  
Construction  
Of RRWHS

19 Bore  
Recharge

2 Pond  
Deepening  
under SSJY

Pond  
Beatification -  
Bund  
Strengthenin  
g at Bhujpur

2 Percolation  
Bore  
Recharge

3 Re-  
strengthening  
of Approach  
Road

Cricket  
Ground at  
Hatdi

Construction  
of house for  
needy  
fisherman

3  
Construction  
of Water Tank  
at Luni  
Bandar

Construction  
Common  
gathering  
open shed

Renovation  
Approach  
Road

4 Common  
gathering  
Open Shed

Construction & Development, Repairing & Maintenance and Support Work covered during the year

Community  
Training  
center  
Shekadiya

Vegetable  
Market at  
Mundra

Development  
of Gate Valve  
at Checkdam

School  
Compound  
wall at Rampar

Fisherman  
approach  
Road  
restoration

Bund Strengt-  
hening at  
Bhujpur

2 Pond  
Deepening -  
Azadi ka  
Amrut  
Mahotsav

Renovation  
Training  
center Mundra

Renovation  
Blood storage  
Lab CHC  
Mundra

2 Disable  
Widow Toilet  
Block

2 CC Road of  
700 mtr.

R.O. Plant  
Mokha 1000ltr  
/HR

JCB & Hitachi  
Support for  
Pre-Monsoon  
Activity

Check dam Re-  
strengthening  
Bharudiya

Pond Pipeline  
work 800 Mtr

Flood Water  
Control Sluice  
Gate at  
Zarpara

Construction & Development, Repairing & Maintenance and Support Work covered during the year

# CRC MUNDRA

## Community Resource Center

Community resource Center 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.**



Government Scheme Facilitation				
Sr. No	Gove Scheme	Gov. Support Rs/Month.	Total Beneficeries	Total Amount/ year
1	Widow Pension	1250	641	18496350
2	Bal seva Ayog	2000	49	2254000
3	Divyang pension	1000	19	323000
4	Divang Bus pass	300	439	
5	Niradhar Pension	750	126	2808750
6	Palak Mata Pita	3000	5	516000
<b>Total</b>			<b>840</b>	<b>2,43,98,100</b>

# CRC MUNDRA

## Widow Pension Yojna

Objective of this Yojana is to provide Financial support Rs.1250/Month to widow to made Them Financial independent. Parallely, we are conducting Motivation Session with them to raise their Value and Positivity to create healthy family Environment. Till The date Total 641 Widow have been Linked with Government Widow pension Scheme.

## Monthly Pension and other allied Scheme

Under This Program disabled Person are supported with Monthly Pension @ Rs.1000 As well allied facilities like Bus pass, Railway pass to made them Self sustain and Confident. Till the date total 458 Divayang are linked with Different Government Scheme.

## Bal Sakha Yojna

Aim Of the Yojna is to Provide Financial support Rs.2000/Month for Education Purpose to below 18 year Students who lost their Parents due to Life threatening Disease Including Covid. Total 49 Students are getting benefit of the scheme.

## Palak Mata Pita Yojna:-

Motive of this scheme is to promote parents who is taking care and Nurture the child who is Below 18 year and lost their parents.@ Rs.3000/Month. Total 5 children are being supported under the scheme.

## Niradhar Pension Scheme

Under this Scheme Financial Assistance 750/Month is provide to Senior citizen who don't have Surviving Children (Son) or Below 21 year son. Till The date 126 senior Citizen availing schematic benefit.



# CRC MUNDRA

## Key Achievements of Community Resource Center One time

Some Glimpse of Cow Nutrition Support scheme Biogas Under Gobardhan scheme



Sr. No	Gove Scheme one Time	Gov. Support	Total Beneficiaries	Total Amount/Year
1	Covid Support One Time	50000	12	6,00,000
2	Vahali Dikri @ 18 Year	110000	113	1,24,30,000
3	Divayang Sadhan Sahay one time	5000	176	8,80,000
4	Manrega (NB21)	22000	32	7,04,000
5	Pagadiya Sadhan Sahay Yojana	9000	9	81,000
6	Gau Dattak Yojana	10800	857	92,55,600
7	Gobardhan Yojana	42000	100	42,00,000
8	Fishermen Shram Yogi Yojna		163	
			<b>1487</b>	<b>2,81,50,600</b>



# ADANI SKILL DEVELOPMENT CENTRE

**Total Centre Admissions  
FY 22 - 23**

## Mundra

Courses	Female	Male	Total	Revenue Generated
Pedicurist and Manicurist	68	0	68	68000
Beauty Therapist	18	0	18	36000
Self Employed Tailor	31	0	31	38850
Assistant Electrician	0	50	50	188800
Bar Bender and Steel Fixer	0	29	29	0
Meson General	0	29	29	0
Domestic Data Entry Operator	47	11	58	239000
Junior Crane Operator	0	23	23	642000
Interview Skills	14	18	32	0
Mudwork	71	0	71	61600
Solar PV Manufacturing Technician	0	25	25	109500
Basic Functional English	562	670	1232	707300
Digital Literacy	391	461	852	454290
<b>Total</b>	<b>1202</b>	<b>1316</b>	<b>2518</b>	<b>2545340</b>

## Bhuj

Courses	Female	Male	Total	Revenue Generated
Interview Skills	21	9	30	0
General Duty Assistant	45	8	53	3,09,734
Disaster Management	0	2	2	4000
Basic Functional English	1077	352	1429	8,57,400
Beauty Therapist	2	0	2	4000
Assistant Beauty Therapist	1	0	1	1500
Self Employed Tailor	8	0	8	8000
Digital Literacy	231	270	501	3,00,400
Domestic Data Entry Operator	0	1	1	4,720
Non Domain Employability Skills	21	11	32	0
Diet & Nutrition	02	00	02	9440
GST with Tally	16	01	17	98000
Understanding Operating System	21	7	28	0
Entrepreneurship	23	7	30	20,800
Financial Literacy	51	1	52	3600
<b>Total</b>	<b>1519</b>	<b>669</b>	<b>2188</b>	<b>16,21,594</b>

# ADANI SKILL DEVELOPMENT CENTRE BHUJ

## **Soft Launching of Self-Employed Tailor – Outreach Batch at Meghpar**

Soft Launched Self-Employed Tailor Batch at Meghpar (Out-reach). Total 25 candidates are enrolled.

## **Soft Launch of Entrepreneurship Development Program**

Soft Launch of Entrepreneurship Development Program Training at Centre under CED with 30 candidates.

## **Soft Launch of General Duty Assistant Batch**

Soft launched General Duty Assistant Batch with 30 candidates under DDU-GKY scheme as per instruction by GLPC.

## **Soft Launch of FL Training under Special Project**

Launching Special Project Jointly with KMVS NGO for FSW ( Female Sex Worker) Financial Literacy training Inaugurated on 22-07-2022  
Total 46 women participant



# ADANI SKILL DEVELOPMENT CENTRE MUNDRA

## **Mud Work Training- Outreach Batch at Samundra township**

Total 45 candidates are enrolled.

## **Soft Launch of Data Entry Operator Batch**

Soft launched Data Entry Operator Batch with 50 candidates under Thermax Foundation Tie-up

## **Soft Launch of Solar Panel Manufacturing Technician Training of Solar Panel Manufacturing Technician Training at Bhuj, ITI with 25 candidates.**

## **Soft Launch of DL Training under DEO Project**

Soft Launch of DL Training at AVMB School with 61 Students

Tie Ups with (Thermax Foundation, Empazer, Navin Group and DEO Kutch @ Rs.24.25 lacs.



# ADANI SKILL DEVELOPMENT CENTRE MUNDRA

## DEO Project

MOU with Kachchh District Education Office. In this MOU ASDC has provided training of Digital Literacy and Basic Functional English in Kachchh District Schools. As per MOU Kachchh District Education Office has provided 4000 candidates to us for training (Adani Skill Development Centre). Funding from Thermax, CFS and DEO made it possible

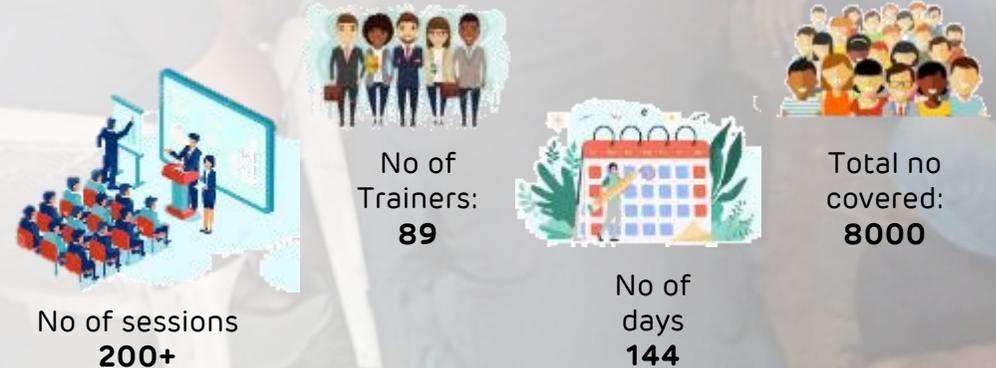
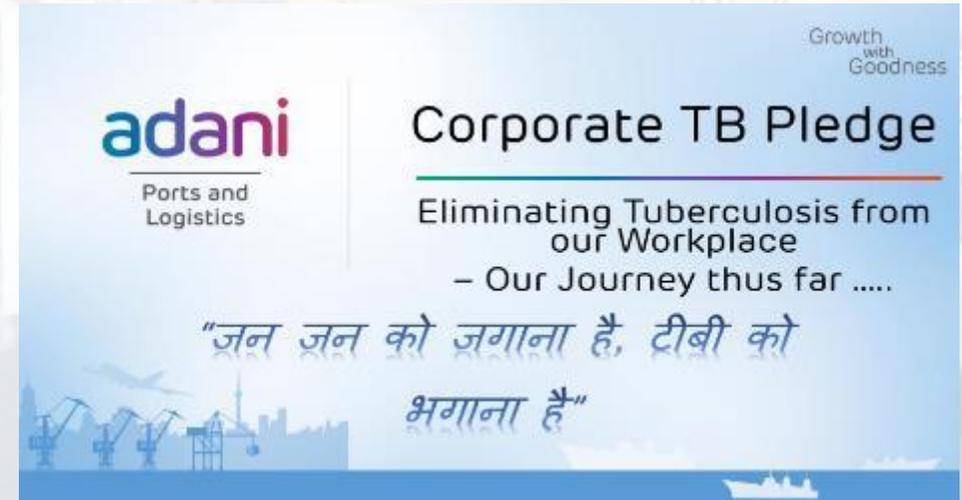
Courses	Total Students Trained
Basic Functional English	2659
Digital Literacy	1341
<b>Total</b>	<b>4000</b>



# Dignity of Work Force Programme - EVP

India's National TB Elimination Programme (NTEP) aims to meet the ambitious goal, announced by the Honorable Prime Minister Shri. Narendra Modi, of ending the TB epidemic by 2025, five years ahead of the UN Sustainable Development Goals (SDG) of 2030. In response to this call, the Government of India and USAID jointly launched the Corporate TB pledge (CTP), in April 2019 to galvanized corporate support to end TB.

To continue the momentum and efforts, the USAID-supported iDEFEAT TB project, which is working towards institutional strengthening to accelerate actions for Tuberculosis (TB) and drug resistant TB (DR-TB) in India; was launched as USAID/India's flagship TB project. The project works in collaboration with the Central TB Division (CTD), Ministry of Health and Family Welfare (Mo HFW) of the Government of India across a network of diagnostic, treatment, and program management institutions.



# Dignity of Work Force Programme - EVP

The CTP secretariat, hosted at The Union under the iDEFEAT TB project, provides technical assistance to government and corporates to adapt, implement TB interventions, and guide corporate resources for TB and DR-TB care.

Early diagnostics and treatment initiation are key to saving lives and minimizing disease transmission. In 2019, India reached a milestone of 24 lakh notified cases in India, an increase of 12% compared with 2018. Even then, an estimated 5.4 lakh were 'missing' across India, a serious drawback to our TB elimination efforts as what is not measured is unlikely to be improved. Diagnostic delays are also prevalent in India, with studies indicating that these can be attributed to patients as well as health systems.

**Adani foundation with APSEZ, APML, AWL and MSPVL HR department in coordination of FOKIA has launched cluster based screening program to eliminate TB in labors under Dignity of workforce program. Adani Ports and SEZ Limited has completed screening with 8000+ work force.**

**USAID/India team including Director – Health Office has visited Adani Foundation CSR Activities related to community health. He visited Adani Hospital, GKGH Hospital and related activities.**



# Dignity of Work Force Programme - EVP



Central TB Division | #TBMuk...  
@TbDivision

TB-Free Workplace models were showcased in Multisectoral Corporate Engagement towards TB elimination in India conference. @Adaniports through @AdaniFoundation covered a population of over 8000 people comprising employees, family members & contractual workers at Mundra port.



adani | **Transit**

Transmission of TB diminishes rapidly once **effective treatment is initiated.**

A person with TB can rejoin work as soon as they become medically and physically fit to do so.

USAID | **Transit** | **TBPre2025**

adani | **Transit**

Our institutional policy for TB creates a culture of support and inclusion for colleagues with TB.

We work to ensure that our colleague experience **no stigma & discrimination.**

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adani | **Transit**

Through **nikahay** POSHAN YOJANA

All TB patients will get **₹500 per month** for nutritional support during the entire treatment period.

USAID | **Transit** | **TBPre2025**

adani | **Transit**

**Timely diagnosis and treatment** can help avert significant number of TB deaths.

USAID | **Transit** | **TBPre2025**

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A person with active TB can infect **10-15** other people through close contact if not diagnosed and treated on time!

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adani | **Transit**

If you find yourself having the below symptoms, check for TB.

With timely diagnosis and right treatment, **TB is curable!**

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Prevention, management and mitigation of stigma and discrimination to TB are essential elements of a patient centric care.

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USAID | **Transit** | **TBPre2025**

adani | **Transit**

It is curable, treatment may take **6-9 months** or more.

Full compliance to treatment is essential for preventing emergence of drug-resistance.

Government health facilities provide **FREE** treatment for TB.

USAID | **Transit** | **TBPre2025**

adani | **Transit**

It is curable, treatment may take **6-9 months** or more.

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USAID | **Transit** | **TBPre2025**

# Health Camp for workforce and Green Carinal Celebration



18 Green carnivals

17472 Kg Fruits and Vegetable

436000 INR

It is true that we cannot achieve our goal of development unless and until we support to bring up the lives of this community. Basic needs of this work force need to be considered. In labour Vasahats they were not getting even the facility of pure drinking water, proper living condition, sanitation which Adani Foundation has addressed one by one within last years five years span.

With the objective to build up trust and transparency in labour community, union Labours and Smooth business operations, Adani Foundation had organized 45+ labour camps for 2000+ workforce beneficiaries in coordination with Adani Wilmar Limited

Started the great initiative from world Soil Day - Biggest Employee volunteering program of Adani Ports and SEZ Limited with more than 56 employees as supporter of event organizer and 225 employees with family as a supporter of Farmers n SHGs.

Children used to enjoyed Games and Dance ! Lucky Draw surprise gift was organic ghee..

HR department, IT department and Admin department has supported a lot and will support every fortnight for this sale every sunday



# ADANI KANDLA BULK TERMINAL PVT LTD - TUNA

## Water at Fisherfolk settlement

Potable water (18 KL per Day)  
Distribution to Vira and Dhavlvaro  
Bandar through Water tanker Regularly  
which improve Hygiene and Health  
standard and reduce Women drudgery  
,Cost and Time to get water by  
**Linkages through AKBTPL and GWIL  
daily bases.**

## Fodder Support

Support of Dry & Green Fodder to Tuna  
and Rampar Village Gaushala Cattles  
during Scarcity which impacted on  
Cattle health and Milk Productivity  
ultimately Farmers Income as well. Total  
643825 Kg green Fodder Supported for  
900 Cattles of Tuna & Rampar.

## Tree -Plantation

Total 200 Tree was planted and ensure  
responsibility for watering and caring.  
This initiative involved Community and  
School students and sensitized to plant  
more trees and nurture. After our  
plantation, Gram Panchayat also  
planted 55 Neem trees in same  
premises.



# ADANI KANDLA BULK TERMINAL PVT LTD - TUNA

## **School Renovation work Rampar**

More than 800 students are studying in Rampar near Tuna port. School did great coordination to approve 3 new rooms from Sarv Shiksha Abhiyan. Other part was required renovation which was taken care by Adani Foundation. Due to this Total 6 Rooms are now in full utilization.

## **CC Road Wandri**

Wandi is 1 km away from Adani Kandla Bulk Terminal Port Limited and 100 % Population of Fisherfolk. 1 Km Drainage line is done by WASMO – CC road request received in year 2021. Adani Foundation guided for CC road work after drainage work.

## **Common Gathering Flooring work, Tuna**

Tuna Village is 2 Kms away from AKBTPL. In Tuna Village, community gathering shed was constructed from MLA Grant. Flooring work was not included in the same, which was taken up by Adani Foundation. Shed is well utilized in SHG meetings, Farmer meetings and Gram Sabha



## ADANI GREEN ENERGY LTD - ABDASA

Adani Solar Plant Bitta is under Adani Green Energy Limited. Adani Foundation is doing regular support of JCB during monsoon or any accident cases as and when required.

Apart from it Celebrated Chairperson's Birthday by distribution of school bags to the children taking admission in class 1 along with necessary books and Education Material. Which includes Bitta School, Nani Dhufi School and Moti Dhufi School.

Deputy Collector of Abdasa taluka place, called for a meeting to all major industries of taluka area. Agenda of the meeting is to develop 7no's "Amrut Sarovar" in Abdasa taluka area under government proposal at every district level.

As per the proposed identified locations by Deputy collector, one of the location he has asked to develop by Adani Power Limited. He has proposed, "Amrut Sarovar" is developed nearby our plant area with amount Rs 20 lacs as per pond size All such proposed "Amrut Sarovar" are new only, not to develop available old pond in nearby area.



## Impact Story



Ratanbhai Keshavbhai Gadhave is a farmer of Moti Khakhar. On 17th May 2022, he purchased NB Super Grass Stalk to cultivate it in 1 acre of his land. After maintaining, nurturing and hard work the grass thrived lush green with a tremendous height that's when he performed his first mowing of it.

Ratanbhai had to feed fodder to his 35 cattle regularly. While interacting, we came to know that he used to require 16kg of dry grass during summer and winter at an estimated cost of ₹1,60,000 but after planting NB Super Grass, he has saved 80-90,000rs which is approximately 50-55%. Apart from this, Ratan bhai also mentioned that during this period, he usually had a demand for 2 to 3 farm trucks of fodder which he used to order from the market but after cultivation of NB Super, not a single farm truck loaded with fodder is demanded from him.

Moreover, due to the cultivation of NB Super Grass fuel and fare expenses on farm trucks have nearly come to end. Also, Ratan bhai has already mowed the grass twice and 3rd mowing is going on having the height of grass 12-14 ft.

Lastly, Ratan bhai stated that his cattle relishes and is habituated with NB Super Grass more than any distinct fodder.

## Impact Story



*Amrutaben desired to ask God for one thing, a new pushcart! -*

Jiluben is an elderly woman with physical limitations and a terrible economic state. She's been widowed for thirty years. Jiluben's son is 50 years old, unmarried, and almost face continuously ill. While her daughter Amrutaben is divorced (she got married 20 years ago). Jiluben, who is 70 years old only has her daughter Amrutaben is working. Amrutaben used to use her old pushcart, but it was heavy and too old for her to carry around everywhere, plus she didn't have enough money to buy a new one. Amrutaben only desired to ask God for one thing, a new pushcart! because everything else she could take care of on her own despite such bad situation.

An employee of the Adani foundation has spoken with Sarpanch Hawaben about the work being done by the Foundation on support of people with disabilities. As soon as she informed & requested that to make visit at Jiluben house. Their pushcart needs were discussed by representative from the visited, verified all the necessary paperwork, and spoke with Jiluben and her family about government programs for widows and people with disabilities. And a week later the entire process was completed, and the new pushcart was provided to them. She is now able to work promptly and help their family in overcoming this difficulty.

## Impact Story



Hiruben Karsan Tharu lives with her parents in Nani Bhujpur village. She fell very ill when she was three years old. After treatment, she recovered, but her both legs were affected by the paralysis in both legs. At such a young age, she started coping up with her disability. Adani Foundation provided platform to women of Nani Bhujpur village by providing them with Sewing Machine and enrolling her in sewing machine training. Moreover, she was provided with Wheelchair and Calipers to help Hiruben move comfortably and attend class regularly.

Presently, she earns Rs. 5,000 to Rs. 6,000 a month from stitching work which is much appreciated and admired by her neighbors and relative.

## Impact Story



### **Empowered Women, empowered nation!**

India is a land of culture and traditions. These traditions are kept alive in rural locations. One such tradition is gifting daughter during her marriage for her happy married life. Sonalben too received a cow from her maternal family during her wedding. This was given with a purpose of livelihood generation at the time of crises. For sonalben, this gift was priceless, she decided to utilize income received from one cow to buy more cows. She continued to sell milk, buttermilk, Ghee, and other cow-based products and retain income to buy more cows. Gradually she increased her livestock to 66 cows which provides 165 liters of milk per month. Within 7 years of her marriage her livestock increased from 1 cow to 66 cows.

Looking at her zeal and passion towards animal husbandry, Adani Foundation provided her with Biogas kit so that she can save cooking fuel cost and fertilizer cost as waste slurry from biogas acts as a natural fertilizer.

Recently, On Kisan Divas she was felicitated by Adani Foundation for doing exceptional work in Animal Husbandry. She has now become a guide for all those women who wish to make living out of limited means.

## Impact Story



**"Agriculture is our wisest pursuit, because it will in the end contribute most to real wealth, good morals, and happiness." – Thomas Jefferson**

It is said that one can do everything if he or she has direction and clarity towards the goal. Geetaben, a loving wife, responsible mother of 3 daughters and a son and an amazing farmer has always supported her husband in his farming occupation. Her life took a transformational turn when her husband passed away in 2018 due to severe heart attack leaving all responsibilities on her shoulder. Of course, she was working on farm keeping shoulder to shoulder with her husband before he passed away but managing farming single handedly was a tough business for her. Moreover, raising 4 daughters and a son for a widow is a somber task too. It took couple of months for her to hold herself up for the sake of her children and to make her husband's dream true. Her husband Late. Bharat Bhai Jethva hold recognition to be a first farmer in Mundra district who has initiated to cultivate Kamalam (Dragon fruit) in his farm. He had a dream to cultivate best of organic Kamalam and sell his organic fruit to a larger market. He was on cloud nine when his first harvested kamalam blossomed beautifully. But unfortunately, his heart attack pushed him to changed realm. It was her determination to continue his husband's dream and take kamalam cultivation to the next level.

*As Geetaben started inclining towards chemical-free farming, she started getting higher value for her crops resulting more income. With foundation's support and guidance, she understood which crops/vegetable to sow for high returns.*

## Impact Story

Jethva family holds 4 acres of land and Geetaben took charge of cultivating seasonal fruits and vegetables in that farm. Being a female farmer, the use of chemical-based farming impacted her health a bit but still she used to cope up with daily chores until she had an encounter with Adani Foundation in her village Mangra. Team members Mavji Baraiya, SLD Head and Kalyan Gadhavi, Community Mobiliser from Adani Foundation organized Natural Farming training at Mangra village of Mundra district. All farmers of Mangra village participated in that training. she also attended the training in which she got insights of all techniques of natural farming and proposed support from Adani Foundation. She approached foundation team and expressed her willingness to learn more on natural farming techniques for crops, vegetables, and fruits. Before that Jethva family used to cultivate only Kamalam organically but after the intervention and continuous trainings by foundation, she decided to turn her complete farming through natural techniques by gradually taking baby steps toward this new endeavor.

Looking at her zeal and dedication for 0 chemical farming, Foundation provided her with Biogas Kit, Drip Irrigation system, Development of Vermicompost and Jivaamrut. Presently she has 6 to 7 livestock. With the installation of biogas, the slurry produced by biogas digesters makes excellent fertilizer when applied to farms. Moreover, Geetaben learnt how to make Jivaamrut from Adani Foundation's natural farming trainings, which she then applied to her farm where she noticed significant improvements, including a reduction in nutrient deficiencies, an increase in crop size without the use of chemical fertilizers and the presence of lush green, healthy crops. In addition, the Adani foundation brought knowledge of vermicompost to her farm, which she says has already made a big difference in the soil's fertility. Also, setup of drip irrigation system was done in order to save water, nutrients loss, and to provide the water direct to the soil root zone of the plant.

Prosperity knocked her door, and she provided best education to her children. Her daughters completed Engineering and Son is presently studying in Anand Agriculture University. On asking him about his future, Hariom (Son of Geetaben) shares *"My father is recognized as first farmer of Kamalam in Kutch and my mother is epitome of strength and a proud farmer. My mother has achieved lot dignity and respect in our society since she received foundation's guidance for practicing natural farming and I will follow her footsteps in same direction by establishing natural farming agriculture business to provide best quality crops to the society."* Geetaben continues to strive excellence in learning farming training regularly and become a promoter of same to encourage other farmers to adopt Natural Farming for better cultivation and higher returns.

## Impact Story



At Ratadia Ganesh wala village in Mundra taluka, Rabari Megha Vanka lives with 60 percent of his legs divyang.

Meghabhai was working in a garment shop in Mundra two years ago. Bhabhi Ben used to help in running the house by making several pedas. Meghabhai lost his job during Corona time. Then Meghabhai started selling pedas in nearby villages. With the help of Adani Foundation, he was given small help for home based industry and also helped him in the process for obtaining medical certificate and bus pass. Now, Meghabhai with the help of his wife Pabi Ben started home industry 'Pena Home Udyog' and made it as the main means of livelihood. They sell 300 kilos of pedas every month. On an average they earns 18000/- per month.

When the bus pass will come he can save more money by traveling by bus for orders from Gandhidham, Bhuj, Mandvi and nearby areas.

## Impact Story



### **Only a teacher can turn the disability into a talent ! - Mundra**

Challenges are what make life interesting. Overcoming them is what makes life meaningful". Halepotra sadiya studying in class 4 of Dhrub primary school is the SEN - special education needed .she is not able to see clearly through her eyes that is having the problem of vision by birth , she underwent 4 operations but have a great IQ level which never stopped her from learning new things. sadiya's parents never stopped her coming to school. she had a problem in basic maths ,gujarati reading and writing but within an year she worked continuously during her free time and now is able to read write and perform basic calculation. Her favourite hobby is learning new things , colouring and listening new rhymes from YouTube. she can now stand up in morning assembly and give her introduction in English . "only a teacher can turn the disability into a talent through hard work and self confidence". Her dream is to become a teacher.

## Impact Story



*Health care service is to save the lives !*

Mohammad Sadik Turk, 16, of Dhrub arrived in critical condition because of pain in the area of his kidneys. The condition was treated as an intestinal problem by doctors. The specialists tried their best to treat him & offering variety of medications. Support him for his routine dialysis for six to eight months while paying attention to his condition. He no longer needs dialysis after complete therapy, but he still needs to regularly administer injections three times every month.

Many young children pass away each year from insufficient medical care and inability to pay for necessary treatments. As long as there is only one source of income for the family and everyone depends on him, it is hard to provide costs for those who are living below the poverty line. Although India has more than 50,000 patients who receive long term dialysis, it has only a thousand kidney specialists in the entire country. Furthermore, treatment can be expensive. In situation like this Foundation pays for the child's injections in light of his financial situation and wishes him a quick recovery and a long and healthy life. The main goal of the Adani Foundation's community health care service is to save the lives of children like Sadik.

## EVENTS



**World water day** was celebrated on 22<sup>nd</sup> March in coordination by Adani Foundation at Bhuj.

Program was designed on District level awareness on participatory ground water management on the theme of accelerating the change to solve the water and sanitation crises with exhibition of water saving tool, equipment and IEC material.

On this Occasion Mr Dilip Rana ( collector Kutch) was the chief guest and guiding force. He emphasized on RRWHS with assurance to provide 50% Support from government to developed single village as model drinking water sustain village with having 100% RRWHS facilities.

Shri Dobariya Sir administrative officer of Atal Bhujal Yojana and Mr.Nimish Padke Director - Fokia also shared about sustainable management of fresh water sources for future generation. Mr.Mahendra Gadhvi ( Pramukh, Jilla panchayat) also shared his views. More than 200 farmers + Women and Sarpanch of Mundra.



**Project Pragati** :- Success of completion of Project Pragati 1<sup>st</sup> batch was celebrated on 29th April at Adani House, Mundra in esteemed presence of Mr Vikram Tandon, Chief Human Resource Officer, Adani Group, Shri Vasant Gadhavi ,Executive Director, Adani Foundation and Mr Rakshit Shah, Executive Director, APSEZ. Other dignitaries who graced the occasion were Mr AnilKumar Kalaga, , Mr. Charles Douglas, CEO, Mundra and Tuna Ports, Jatin Trivedi, COO, Adani Skill Development Centre and all HR and Department heads of APSEZ, Power, Solar and Wilmar.

The event celebrated by distributing skill training certificate to 52 fisherfolk students, who were trained under Mason and Assistant Electrician job roles under Adani Saksham. All training along with their community leaders shared heartwarming testimonials and expressed emotion of gratitude towards Adani Foundation for providing them skill training opportunities.

## EVENTS



Adani Foundation ,Mundra celebrated **World Earth Day on 22nd April 2022** by distributing 'HomeBio-Gas Kits' to 100 farmers Program intense is to gather 'ધરતી પુત્રો' who share similar mindset and have determined to use Home Bio-Gas to witness social, economical and environmental impact.

Program was graced by Rakshit Shah, Executive Director, APSEZ along with below mentioned esteemed Guests.

1. Manojbhai Solanki, Trustee, Shree Ram krushna Trust, KUKMA
2. Prof. Mrugesh Trivedi , Scientist, Kutch University
3. Kalpesh Maheshwari, Project Officer, Atma, Bhuj
4. Dr. U.N Tank, KVK, Mundra
5. Ms. Riddhi Patel, Officer, kutch
6. Shaileshbhai Vyas, Satvik Sanstha, Kutch
7. Shantilal Patel, Officer, Mundra



Adani Foundation Mundra has celebrated the **International Disability day on 3<sup>rd</sup> Dec** since 2011 with lots of enthusiasm and Zeal in coordination with District Social Welfare office by planning various support to divyang people.

Current year in line of the international Disable day Theme "Transformative solutions for inclusive development: the role of innovation in fueling an accessible and equitable world." Adani Foundation has organized "Divyang Job Fair" in coordination with 11 SEZ Industries at Mundra on 2nd December 2022. More than 50 Divyang had applied for interview out of them 06 were selected For Job.

Apart that Divayand Aid and equipment (Limb, Chair was Supported In the Esteem Presence of Respected Rakshit sir-EDM, APSEZ, Mundra.

## EVENTS



**World Environment Day was celebrated on 5<sup>th</sup> June** in association with Ayi Shree Vishrimata Seva Trust and Gram Panchayat, Moti Bhujpur at Vishri mata Temple and pledged to plant 51000 for which Gram Panchayat will take responsibility to nurture trees throughout this year.

program was organized at Vishrimata mandir with tree planation activity on this occasion Shree P T Prajapati - Sub Divisional Magistrate remain present and address Public to Nurture environment for Future.



Adani foundation Mundra has celebrated **International women day** on 8<sup>th</sup> march at different location of Mundra and Bhuj in coordination with District Animal health department and Sarhad Dairy the day was celebrated at Mundra with Appreciation of best 10 cattle owner women of Mundra who did remarkable work with Sarhad dairy. On this Occasion Dr Thakkar ( DAHO) and Dr Lalani ( cheif Sarhad dairy) appreciated efforts of Adani foundation in animal vaccination and Animal health care in Mundra. More than 210 cattle owner women remained present. District Level celebration was done at Bhuj GKGH with Lunching OF Punya sloka book (Stories of 37 empowered women), A Book Written By Adani foundation employee Mrs. Purvi Goswami on The successful women of Kutch. More than 300 Women had participated.

# EVENTS



National Farmer day on 22 dec with Honoring Women Farmers.



Animal Husbandry Awareness Program



International wet land ay Celebration Through Poster presentation Competition



Teacher Day & Youth Day Celebration



No Tobacco day celebrated by creating awareness to take preventive measures for workforce



International Yoga Day celebration in coordination with sub divisional Magistrate Mundra.

## EVENTS



International coastal Day celebration at Mandavi with Cleanliness Drive



Adani foundation and Agri Department jointly organized district level workshop on Natural Farming Practice with Gram Seval



The International Mangrove Day for the Conservation of the Mangrove Ecosystem is celebrated

# AWARDS

## ASSOCHAM AWARD FOR HEALTH CARE

Adani Foundation's Community Health project received runner-up position in 'Best CSR excellence award in Healthcare' Associated Chamber of Commerce and Industry of India (ASSOCHAM) in Award ceremony organized at Delhi on 12th October 2022. Community Health project has participated in the grand event to accept the Award on behalf of Adani Foundation, Mundra site.

The award was presented by Chief Guest - Ms Roli Singh, Additional Secretary & Mission Director (NHM), Ministry of Health and Family Welfare, Govt. of India and Dr. Upasana Arora, Co-Chairperson, ASSOCHAM Healthcare Council and Chairperson, Yashoda Super Specialty Hospital.



## Awards and Recognition



Adani Foundation participated in QCFI awards on 4<sup>th</sup> Feb 2023.

Presented Women Empowerment initiatives and received Diamond award for exemplary work done by Adani Foundation for empowering rural women.



our services were appreciated by representative of Ministry of Health Government India, WHO, Union and more than 52 corporate companies present in the National conference on Multisectoral corporate engagement towards TB elimination.



# Support to children lost their parents in Morbi bridge collapsed incidence



Adani Foundation supported 25 Lacs each for 20 children who lost their single/both the parents. Adani foundation was honored by IAS G T Pandya Collector/ and District magistrate of Morbi district for helping children who lost their parents in Morbi bridge accident.

One step forward towards growth with goodness...

Children residing at Morbi, Kutch, Ahmedabad, Rajkot and Dwarka who lost their single or both parents in Morbi Julta Bridge collapse incidence received support of 25 lacs each from Adani Foundation.

Representatives from Adani Foundation, Karsanbhai and Jagrutiben visited above districts to check on the affected children and also met with SBI bank officials, collectors regarding disbursal of amount. 10 Children received amount in their respective bank accounts. For others, work is under process.



# Capacity Building Training



Adani foundation team visited Lakhond and Chandrani plant of sarhad Dairy. These three plant out of which two plant milk processing and packing and another plant cattle feed plant were Mr.Nilesh Jalankar, General Manager provided information about how cooperatives work in the field and about their supply chain management.



Adani Foundation team attended Capacity Building Training Program on 3<sup>rd</sup> and 4<sup>th</sup> of October on Adani Competency building and mapping. The training session was conducted by expert trainer Mr Kamal Dabbawala. Two days sessions were filled with theory sessions, Activity based learning and discussion-based learning.





## Beneficiaries List

Sr. No	Program	Direct	Indirect	Remarks
1	Education	3505	14020	UT than Mundra
2	AVMB-Vidhya mandir	568	2840	AVMB -Students
3	Community Health-Mundra	35832	141130	Rural clinic, MHCU,Health camp, AHMUPL
5	AHMUPL	42455	127365	OPD & IPD Patients
6	SLD-Women	1359	6795	SHG Group & Individual Income Generation
7	SLD-Agri & Animal Husbandry	7718	30768	Fooder,Home biogas, Farmers training, Cow based farming -20,Cattle camp Etc.
8	SLD -Fisherfolk	5957	4476	Education, Mangrove, Potable -Water and Livelihood
9	CRC-Gov Schemes	1106	5530	Government Schemes
10	CID	11767	47054	Fishermen Amenities & Other Rural Infra Work
11	Nakhtrana	1209	4836	UT than
12	AKBTPL,Tuna	10071	16373	Rural clinic, MHCU,Health camp, Drinking Water,Fooder Support, Infra Work
13	Bite	2500		Pond deepening Dhrubhi and Bitu
15	ASDC,Bhuj	2188	10940	soft skill and DL .GDA & Online Training
16	ASDC,Mundra	2518	32590	Technical & Non-Tech DL .GDA Training
17	Uddan	27377		Students
<b>Total</b>		<b>156130</b>	<b>444417</b>	

## Financial overview – Adani Foundation Mundrta Executive Summary – Budget Utiliaztion FY 2022-23

Sr No	Particulars	Approved Budget F.Y. 2022-23			Utilization 2022-23	% of utilization
		CAPEX	OPEX	Total		
A	General Management and Administration	1.80	92.35	94.15	98.45	104.56%
B	Education	0.40	141.93	142.33	124.36	87.37%
C	Community Health	-	294.97	294.97	242.16	82.10%
D	Sustainable Livelihood Development	-	466.40	466.40	359.85	77.15%
E	Community Infrastructure Development	-	219.51	219.51	133.88	60.99%
F	EDM Recommended Projects	-	100.00	100.00	98.83	98.83%
	<b>Total AF CSR Budget :</b>	<b>2.20</b>	<b>1,315.16</b>	<b>1,317.36</b>	<b>1,057.53</b>	<b>80.28%</b>
[I]	Adani Vidya Mandir-Bhadreshwar	6.88	255.44	262.32	221.76	84.54%
[II]	Project Udaan-Mundra	-	314.74	314.74	248.20	78.86%
	<b>TOTAL Budget with AVMB &amp; UDAAN F.Y. 2022-23 :</b>	<b>9.08</b>	<b>1,885.34</b>	<b>1,894.42</b>	<b>1,527.49</b>	<b>80.63%</b>



## સર્વે સંતુ નિરામયા, સર્વે ભદ્રાણી પચયન્તુ અદાણી ફાઉ. દ્વારા સ્ત્રીરોગ નિદાન કેમ્પમાં ૩૦૦ જેટલી બહેનોને નિ:શુલ્ક નિદાન અને સારવાર

કુટુંબ-કલ્યાણ સંસ્થા દ્વારા સ્ત્રીરોગ નિદાન કેમ્પમાં ૩૦૦ જેટલી બહેનોને નિ:શુલ્ક નિદાન અને સારવાર આપવામાં આવ્યું હતું. આ કેમ્પમાં સ્ત્રીઓને વિવિધ રોગોનું નિદાન કરવામાં આવ્યું હતું અને જરૂર પડ્યાં તો સારવાર આપવામાં આવી હતી. આ કેમ્પમાં સ્ત્રીઓને નિ:શુલ્ક નિદાન અને સારવાર આપવામાં આવ્યું હતું.

# ગુજરાત સમાચાર



## મચ્છરના પોરા અને પોરા ભક્ષક માછલીનું નિદર્શન વિશ્વ મેલેરિયા દિનની ઉજવણીએ સંપૂર્ણ સારવાર પર ભાર મૂકાયો

વિશ્વ મેલેરિયા દિનની ઉજવણી અંતર્ગત મચ્છરના પોરા અને પોરા ભક્ષક માછલીનું નિદર્શન કરવામાં આવ્યું હતું. આ કાર્યક્રમમાં મચ્છરના પોરા અને પોરા ભક્ષક માછલીનું નિદર્શન કરવામાં આવ્યું હતું.

## મુન્દ્રા સેઝમાં રોજગારીની તક આપીને દિવ્યાંગોને પગભર કરવાનો પ્રયાસ

અદાણી ફાઉન્ડેશને વિશ્વ દિવ્યાંગ દિવસની કરી અને પી ઉજવણી કરવામાં આવી હતી. આ કાર્યક્રમમાં વિશ્વ દિવ્યાંગ દિવસની ઉજવણી કરવામાં આવી હતી.



અદાણી ફાઉન્ડેશને વિશ્વ દિવ્યાંગ દિવસની કરી અને પી ઉજવણી કરવામાં આવી હતી. આ કાર્યક્રમમાં વિશ્વ દિવ્યાંગ દિવસની ઉજવણી કરવામાં આવી હતી.



## માઠીમાર સમુદાયના છાત્રોને શિષ્યવૃત્તિ

માઠીમાર સમુદાયના છાત્રોને શિષ્યવૃત્તિ આપવામાં આવી હતી. આ કાર્યક્રમમાં માઠીમાર સમુદાયના છાત્રોને શિષ્યવૃત્તિ આપવામાં આવી હતી.

## કચ્છની ગ્રામીણ મહિલાઓમાં 'પેડ વૂમન' માસિક અંગે જાગૃતિ કેલાવી રહી છે

## મુન્દ્રાની પેડ વૂમન: સેનેટરી નેપકીન બનાવવાના સ્ટાર્ટ-અપ થકી આઠ મહિલાઓ પગભર બની

કચ્છની ગ્રામીણ મહિલાઓમાં 'પેડ વૂમન' માસિક અંગે જાગૃતિ કેલાવી રહી છે. મુન્દ્રાની પેડ વૂમન: સેનેટરી નેપકીન બનાવવાના સ્ટાર્ટ-અપ થકી આઠ મહિલાઓ પગભર બની. આ કાર્યક્રમમાં મહિલાઓને પેડ વૂમન માસિક અંગે જાગૃતિ કેલાવી રહી છે.

## વિશ્વ પ્રતિભા ધરાવતા નમત્રાણના કુલાય-છારીદંઢ વિસ્તાર ૯૭૩ જેટલા બિટોનું રસીકરણ કર

વિશ્વ પ્રતિભા ધરાવતા નમત્રાણના કુલાય-છારીદંઢ વિસ્તાર ૯૭૩ જેટલા બિટોનું રસીકરણ કરવામાં આવ્યું છે. આ કાર્યક્રમમાં વિશ્વ પ્રતિભા ધરાવતા નમત્રાણના કુલાય-છારીદંઢ વિસ્તાર ૯૭૩ જેટલા બિટોનું રસીકરણ કરવામાં આવ્યું છે.



## ૧, જૂથ ચર્ચા, ચિત્ર સ્પર્ધા અને કેમ્પ યોજાયા



## અદાણી ફાઉન્ડેશન, આત્મા અને ખેતીવાડી વિભાગ દ્વારા પ્રાકૃતિક ખેતી માટે તાલીમ આંતરરાષ્ટ્રીય મિલેટ વર્ષ-૨૦૨૨ અને સુસંગત કાર્યક્રમનું સફળ આયોજન

અદાણી ફાઉન્ડેશન, આત્મા અને ખેતીવાડી વિભાગ દ્વારા પ્રાકૃતિક ખેતી માટે તાલીમ આંતરરાષ્ટ્રીય મિલેટ વર્ષ-૨૦૨૨ અને સુસંગત કાર્યક્રમનું સફળ આયોજન કરવામાં આવ્યું છે. આ કાર્યક્રમમાં પ્રાકૃતિક ખેતી માટે તાલીમ આંતરરાષ્ટ્રીય મિલેટ વર્ષ-૨૦૨૨ અને સુસંગત કાર્યક્રમનું સફળ આયોજન કરવામાં આવ્યું છે.



## અદાણી કોર્પોરેટ હાઉસમાં ગામડાની કળાને ઉજાગર કરતું 'ગ્રામ ભારતી' રચનું પ્રદર્શન

મહિલા શક્તિની આત્મનિર્ભરતાને સલામ! : ગ્રામીણ ભારતની કળાને ગ્લોબલ બનાવવાનો પ્રયાસ



અદાણી કોર્પોરેટ હાઉસમાં ગામડાની કળાને ઉજાગર કરતું 'ગ્રામ ભારતી' રચનું પ્રદર્શન કરવામાં આવ્યું છે. આ કાર્યક્રમમાં મહિલા શક્તિની આત્મનિર્ભરતાને સલામ! : ગ્રામીણ ભારતની કળાને ગ્લોબલ બનાવવાનો પ્રયાસ કરવામાં આવ્યું છે.

## અદાણી ફાઉન્ડેશન દ્વારા "લમ્પી સ્કીન ડીસીઝ" થી બચાવવા સારવાર ચાલુ કરાઈ

અદાણી ફાઉન્ડેશન દ્વારા "લમ્પી સ્કીન ડીસીઝ" થી બચાવવા સારવાર ચાલુ કરાઈ. આ કાર્યક્રમમાં લમ્પી સ્કીન ડીસીઝ થી બચાવવા સારવાર ચાલુ કરાઈ.



## ગાય વર્ગના પશુઓમાં આવેલી મહામારી માટે કરતું મેડિકલ વાહનથી અપાતી સારવાર

ગાય વર્ગના પશુઓમાં આવેલી મહામારી માટે કરતું મેડિકલ વાહનથી અપાતી સારવાર. આ કાર્યક્રમમાં ગાય વર્ગના પશુઓમાં આવેલી મહામારી માટે કરતું મેડિકલ વાહનથી અપાતી સારવાર.





THANK YOU

# **Annexure – 5**

Atmpl

# DISTROMED KUTCHH SERVICES PVT. LTD.

MONTH: March-23

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	8-1-13021	16.680	15.020	10.250	0.200	42.150	af
2							
3	8-1-13130	11.250	10.820	9.850	0.550	32.470	af
4							
5							
6	8-1-13248	16.200	15.250	12.020	0.500	43.970	af
7							
8							
9							
10	8-1-13412	38.280	33.820	15.500	1.500	89.100	af
11							
12							
13	8-1-13529	25.000	15.650	9.650	0.280	50.580	af
14							
15	8-1-13641	15.600	16.850	14.800	0.500	47.750	af
16							
17	8-1-13750	11.650	12.250	8.650	0.280	32.830	af
18							
19							
20	8-1-13871	28.350	17.250	11.280	1.020	57.900	af
21							
22	8-1-13989	11.250	9.850	8.850	0.580	30.530	af
23							
24	8-1-14100	15.280	8.200	6.500	0.250	30.230	af
25							
26							
27	8-1-14220	17.200	14.280	11.250	0.520	43.250	af
28							
29	8-1-14335	15.280	11.200	9.600	0.250	36.330	af
30							
31	8-1-14446	12.280	11.200	9.800	0.280	33.560	af
	Total					570.65	

\*PPC : Puncture Proof Container

234.3      191.64      138      6.71

\*C.B. : Cardboard Box

# **Annexure – 6**

## Details of Greenbelt Development at APSEZ, Mundra

	Total Green Zone Detail till Up to March 2023				
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
<b>TOTAL (APSEZL)</b>	<b>457.99</b>	<b>775082.00</b>	<b>131156.00</b>	<b>425984.27</b>	<b>265148.18</b>
		<b>906238.00</b>			

# **Annexure – 7**

## Fire Safety Awareness Training Programme

**Topic:** Kitchen Fire Safety Awareness

**Date:** 22<sup>nd</sup> to 24<sup>th</sup> January, 2023

**Place:** Samudra Township

The Kitchen Safety Awareness Programme conducted at Samudra Township. In this drive connected with each house refreshing occupants' knowledge of LPG Fire Safety and checked more than 500 LPG connection during this drive. APSEZ fire services registered the record of maximum LPG connection fire safety inspection at doorstep for this drive in April, 2022. The record was awarded by INDIA BOOK OF RECORDS in Jan, 2023. We had inspected more than 650 LPG connection in Shantivan Colony and Samudra Township.

LPG Fire Safety awareness programme done with following checkpoints for checking LPG connection

Sr. No.	Check Points
1	Is there any leakage of LPG (Detected by smell, Sound, or other method)?
2	Is any leakage found, if yes how it was tackled?
3	Is LPG connection hose pipe embedded and as per IS on pipe?
4	What is the Manufacturing date and change before date of Hose Pipe
5	Is LPG connection hose pipe used more than 05 years?
6	Is hose pipe connected with Regulator & Stove properly?
7	Color of flame is blue or yellow or other color?
8	Last date of service of gas stove? (It should be done at least once in six month)
9	Is LPG cylinder safe for use and not due for hydro test?
10	LPG awareness training taken?

**PHOTOGRAPHS OF LPG FIRE SAFETY AWARENESS PROGRAMME**



# **Annexure – 8**

### Cost of Environmental Protection Measures

Sr. No.	Activity	Cost incurred (INR in Lacs)			Budgeted Cost (INR in Lacs)
		2020 - 21	2021 - 22	2022 - 23	2022 - 23
1.	Environmental Study / Audit and Consultancy	6.2	6.82	7.32	11.05
2.	Legal & Statutory Expenses	10.58	10.52	12.32	12
3.	Environmental Monitoring Services	19.17	14.31	15.32	33
4.	Hazardous / Non-Hazardous Waste Management & Disposal	83.55	107.09	104.035	127.72
5.	Environment Days Celebration and Advertisement / Business development	5.3	4.04	2.53	8.00
6.	Treatment and Disposal of Bio-Medical Waste	2.09	2.14	2.29	2.04
7.	Mangrove Plantation, Monitoring & Conservation	32.59	53.6	50.0	50.0
8.	Other Horticulture Expenses	689	921	956	979
9.	O&M of Sewage Treatment Plant and Effluent Treatment Plant (including STP, ETP of Port & SEZ & Common Effluent Treatment Plant)	148.49	252.27	141.33	164.46
10.	Expenditure of Environment Dept. (Apart from above head)	89.11	149.8	90.136	75.79
<b>Total</b>		<b>1086.08</b>	<b>1371.79</b>	<b>1381.28</b>	<b>1463.06</b>