

Adani Ports and Special Economic Zone Limited

Sustainability Report 2016-17



GREEN AND CLEAN

adani™



The Adani Group is one of India's leading business houses and a global integrated infrastructure player with businesses in key industry verticals – resources, logistics, energy.



Resources

We are India's first mining company who pioneered the concept of Mine Developer and Operator (MDO). Today, Adani Group is one of the largest coal suppliers in the world, the largest supplier in India, largest revenue earner for Indian Railways and the largest importer from Indonesia.



Logistics

Adani Groups's integrated logistics solutions provide logistical connectivity and aligned infrastructure, thereby positioning itself as the most preferred maritime gateway for diversified businesses.



Energy

With its committed to ensure energy security for India, Adani is the largest Private Power Producer in India. It is raising industry benchmarks for clean and green power generation with Renewable Power Generation and Solar Photovoltaics Manufacturing.

About this Report

Adani Ports and Special Economic Zone Ltd. Presents its Second Sustainability Report. With this APSEZ has moved a step closer to its agenda of Inclusive Growth.

This report is in accordance with the GRI Standards: Core Option. It presents information about 4 Ports at Mundra, Hazira, Dahej, Dhamra and 2 Terminals at Tuna and Murmugao. MPSEZ Utilities Private Limited (MUPL), Adani International Container Terminal Pvt. Ltd. and Adani CMA Mundra Terminal Pvt. Ltd. are also covered in the report boundary; there are entities which are part of the consolidated financial statements of the APSEZ But are not covered in the report. For details please refer to our annual report page numbers 283-285.

There is a significant change in the reporting boundary in addition to the reporting guidelines since the last report published on 13 October 2016 in terms of the transition from GRI G4 guidelines to including additional ports and terminals besides at Mundra and Hazira.

The report covers Financial and ESG information for the period 1st April 2016 to 31st March 2017. It contains data and information for the identified Material Topics for the said ports only.

Communicating its progress across various Material Topics, APSEZ has given special attention towards stakeholder concerns. The material topics have been identified through an extensive and robust process of stakeholder engagement.

Following the leads generated by the First Sustainability Report, This report talks about the progress on the areas that were identified at the beginning of the journey of Sustainability. These have been elaborated upon later in the respective sections in the report.

No restatements have been made from the Sustainability Report (2015-16).

APSEZ doesn't have a policy for external assurance however it follows a specific procedure assigning the job to external parties. APSEZ invites proposals from authorised external agencies which are then evaluated against technical and commercial criteria. The party thus selected is assigned the job.

The Sustainability Report (FY 2016-17) report has been externally assured by BSI (British Standards Institution) an independent third party that has no financial interest in the operations of APSEZ other than for the assessment and assurance of this report. The assurance statement thus issued has been included in the report.

APSEZ produces Sustainability Report on an annual basis in alignment with its annual reporting cycle, to the extent possible.

For your suggestions and feedback kindly write to us at: sustainability.apsez@adani.com



By this second year of reporting, we have been able to further strengthen what we started out with -

BLUE – THE NEW GREEN

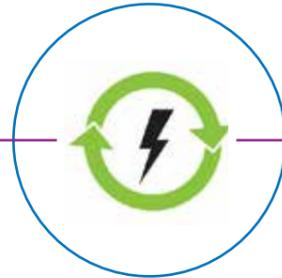
It represents our promise to keep our waters blue, regenerative, vibrant and welcoming and our ports green – optimally utilising and preserving our resources.

Adani Green Ports is our promise to ourselves and all our stakeholders.

Our promise (2016)...

...fulfilled (2017).

Increase in renewable energy consumption



Increased renewable energy consumption. Utilised 1.5MW of solar energy and installed 6 MW of Wind Energy plant

Be a zero waste port by reducing waste generation & utilising the waste generated more efficiently



Introduced new processes for waste management and waste to energy conversion. 44 tonne paper was saved since February 2016

Strengthen the stakeholder engagement process by implementing materiality processes at all the ports



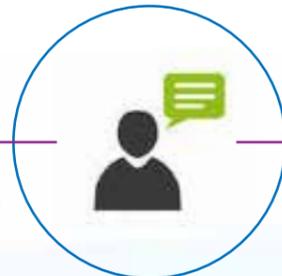
Strengthened the stakeholder engagement process in terms of reaching out to a large number of stakeholders, methodology used and amount of responses received

Impact assessment survey will be analysed & learnings shall be used for incorporating necessary improvement & development of action plans



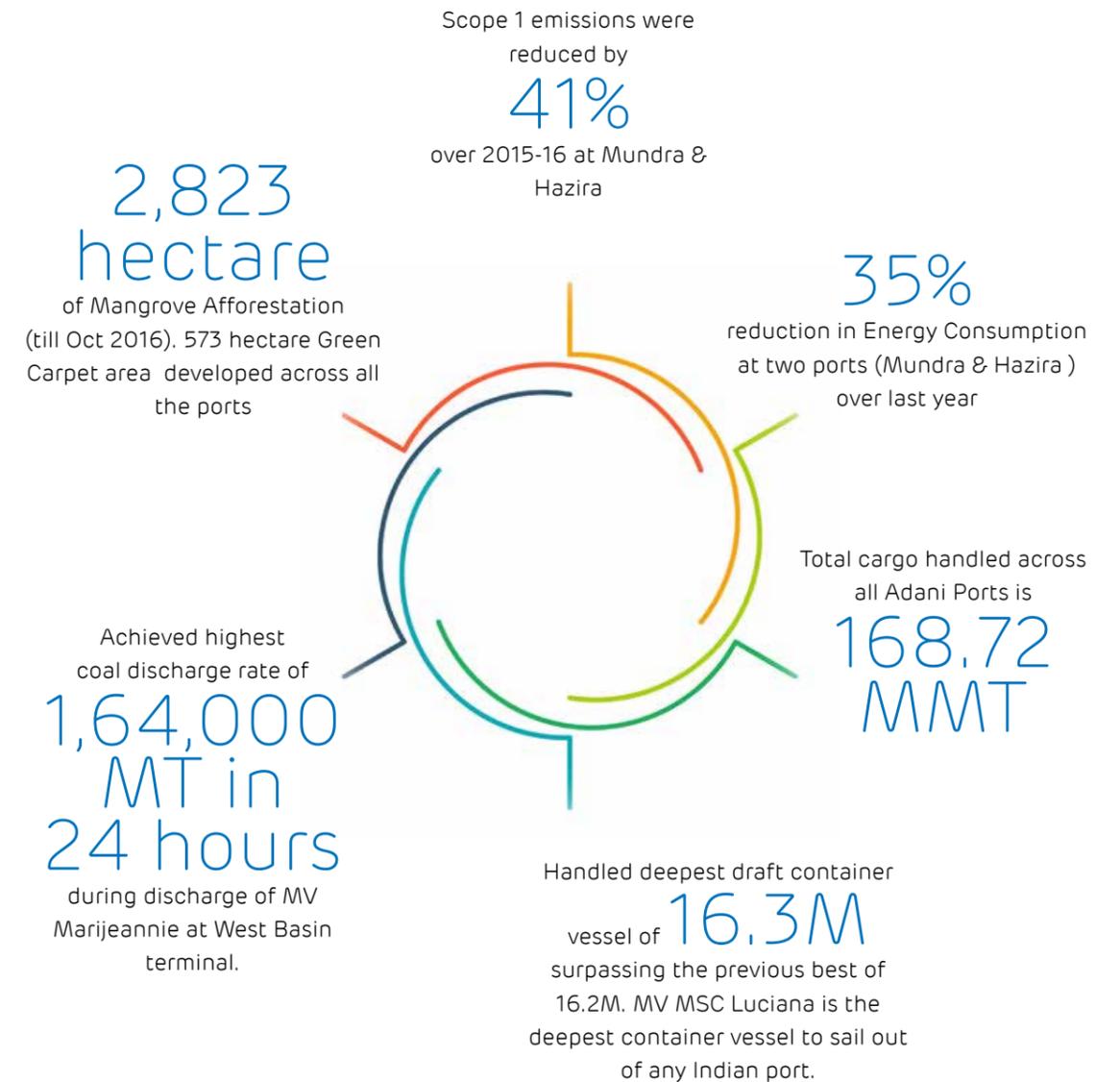
Conducted the impact assessment survey for our CSR initiatives

Grievance Management System will be tested for its efficiency & if any improvements are required shall be incorporated



Grievance Management System becomes operational on the website of Adani Ports

...and more...



Sustainability Framework

With the embarking of its sustainability journey in FY 2016, APSEZ formulated its sustainability strategy to act as a governing mechanism for conducting business responsibly and demonstrate accountability for decisions taken. Along with this, the sustainability policy helped demonstrate its commitment to sustainable development, as it forms an integral part of the sustainability framework at APSEZ.

FY '16 marked another important development for APSEZ in terms of formulation of its Sustainability Charter. The Sustainability Charter serves as a policy statement seeking to guide and enlighten ongoing voluntary programme; demonstrating the commitment of APSEZ operations and infrastructure development to function in the most sustainable manner possible. The Charter offers a structure to APSEZ that allow stakeholders, especially operating managers at all levels, to communicate key sustainability issues, set targets and regularly report progress in achieving short, medium and long term goals.

In the words of Mr. Gautam Adani, Chairman, Adani group, "Our business model is aligned with the national interest." Therefore, in its endeavour to create value for all, APSEZ engages and collaborates with a wide variety of stakeholders which may be impacted by our business operations in different ways. APSEZ has adopted an inclusive approach aligned to its core values which ensures that stakeholder interests are taken into due consideration when making important business decisions.

The different elements of sustainability framework of APSEZ including sustainability strategy, sustainability policy & recently developed Sustainability Charter integrate the culture of sustainability throughout the organisation in its decision-making process, work culture, employee behaviour & in the ways different things are done. This has set the roadmap for APSEZ &

determined its future course of action in its aspiration to be a sustainable port. APSEZ has been & intends to continue to manage its operations and services responsibly, creating safe, secure and eco-friendly working environment at all sites & workplaces.

Sustainability framework therefore acts as an overarching umbrella of a set of standards within which environmental & social services are offered responsibly which go beyond mere compliance. All operations at APSEZ integrate with the principles and standards of good governance to enhance its business sustainability. On the environmental front, all efforts are directed towards optimum utilisation & better management of natural resources. At the social front, APSEZ believes in providing a conducive work environment to foster innovativeness & belongingness amongst employees. APSEZ has over the years developed state-of-art infrastructure including institutions like Adani Management Development Centre (AMDC). Various programmes like Spark to Sparking Reality are organised on regular basis to keep employees motivated & instil skills to maintain work-life balance. The Adani Foundation implements CSR activities under core thematic areas of Education, Community Health, Sustainable Livelihood & Rural Infrastructure Development.

To ensure good & effective governance, APSEZ has implemented Grievance Management System and has in place systems like whistle blower policy, a precautionary approach that provides right to be heard to all its stakeholders.

We believe that our Sustainability Framework will accrue mutual benefit to us as well as our stakeholders to enable us to conduct business in a sustainable way. It will further help to strengthen environmental and social practices, encourage transparency and accountability, and contributes to positive development impacts.

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Sustainability Framework

CEO's Vision

Values, Ethics & Integrity

APSEZ: Integrating Scale,
Scope & Speed

Leading the Way

Sustainability Governance
Risks & Compliance
Management SystemMateriality and Stakeholder
Inclusiveness

Giant Leaps Forward

Ecological Balance

Energy & Emissions
Water Management
Waste Management

Achieving together

Working with Care

Responsible Value Chains

Ripples of Change

Way Forward...

GRI Index

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CEO's
Vision

Our
commitment
to the
environment
and the local
communities
remains
unshaken.

Dear Stakeholders,

It gives me great pleasure to present to you the second Sustainability Report of Adani Ports and Special Economic Zone Limited. What began last year as a step towards building a better future has now grown into a driving force that complements our values of Courage, Trust, and Commitment, to guide our every thought and action. This year, we furthered our steadfast commitment to build a responsible and sustainable business in order to not only deliver robust economic growth but also continue our efforts to improve social welfare and environmental sustainability.

APSEZ's second Sustainability Report comes at a time of significant transformation. Amidst global economic slowdown and increasing trade protectionism, our strategy of becoming an end-to-end logistics solutions provider has helped us weather economic uncertainties. We ramped up our efforts to diversify cargo mix and increase container volumes in order to offset declining coal imports and reduce our dependence on

a single cargo type. We achieved this by commissioning the CT-4 at Mundra, forging strategic partnerships with MSC, CMA CGM and Maersk, and boosting our transshipment services. As the leading player in India's Ports sector, we believe in adopting new, cutting-edge technology to achieve 'lean operations'. By integrating our front-end and back-end services, we were able to provide end-to-end logistics services to our customers, making real-time information available at the touch of a button. Automation, mechanization, analytics, Internet of Things and robotics in our everyday operations have changed the way we handle cargo. These measures resulted in our overall revenue rising 19% to Rs. 8439 crore corresponding to a hike in net income of 35% to Rs. 3920 crore.

Our market leadership stems from our commitment to build a sustainable and responsible business. In 2016-17, we became a member of the UN Global Compact and are actively engaged in

the area of environmental protection, responsible labour practices, human rights and the prevention of corruption. Our sustainable practices are aligned with the United Nations Sustainable Development Goals (UNSDG). In light of the rapidly expanding economy and Government of India's focus on promoting clean energy, we are realizing our Group's vision of nation building by developing a 5 MMTPA LNG terminal at our Dhamra port in Orissa, which will meet India's increasing LNG import requirements.

Being the industry leader also comes with the responsibility of setting an example of ensuring a secure working environment for all our employees. With profound regret, I report the loss of two lives in 2016. As I extend my deepest condolences to the bereaved families, this unfortunate incident is a humble reminder that we must work doubly hard to ensure zero fatalities at our locations. Our commitment to employee safety remains paramount. To prevent such untoward incidents from occurring in the future, we are working on better Health and Safety monitoring and reporting procedures, and are devising various training programs and policies to safeguard our employees at work.

As part of our goal to build a responsible business, we work alongside our CSR partner, The Adani Foundation, to foster inclusive growth through education, community health, sustainable livelihood and rural infrastructure development. We established schools across our locations and also worked with government schools to improve the quality of education. The Adani DAV Public School in Dhamra spans 5 acres of campus and features state-of-the art facilities, providing quality English medium education to local students. I am delighted to note that we partnered with Navchetan Vidyalaya in Hazira, boosting enrolment of female students by 50%. We also set up Mobile Healthcare Units (MHCUs) that have provided timely and quality healthcare services to nearly 70,000 patients. We established the Adani Skill Development Centre to bring world-class skill training programs to empower the Indian youth. We also refurbished shelters, built toilets and provided safe and clean drinking water facilities to the local communities.

At APSEZ, we stand by our commitment of nation building through the triple bottomline approach of economic, social and environmental welfare. We are determined to continue scaling up technology to create greater efficiencies and set a benchmark for

the industry. A 15-year partnership with CMA CGM to operate our container terminal at Mundra will increase our overall container volumes significantly and position it as India's largest container terminal with a cargo handling capacity of 3.1 million Twenty-Foot Equivalent Units (TEUs). Further, our new Vizhinjam port, which we will develop in partnership with the state government of Kerala, will position India as a transshipment hub of the Indian Ocean.

Our commitment to the environment and the local communities remains unshaken. We are confident of improving eco-efficiency and reducing our carbon footprint over the next year by scaling up our renewable energy consumption to 12 MW and increasing investments in energy-efficient infrastructure. We will continue to work with the Adani Foundation to improve education, community health, livelihoods and rural infrastructure. Our ability to achieve these targets rides on our young and dynamic workforce that is dedicated to our vision. Therefore, we will continue to invest in learning and innovation, ensuring safety at work at all times.

I thank all our stakeholders for helping us chart the Sustainability journey these past two years. We seek your continued support to enable us to achieve our goals, and look forward to your feedback to improve our performance.

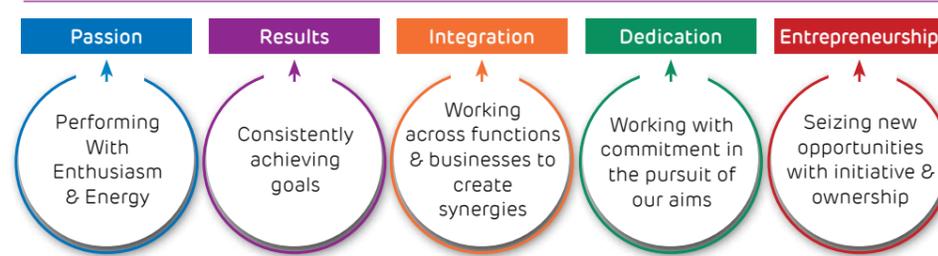


Karan Adani
CEO, APSEZ

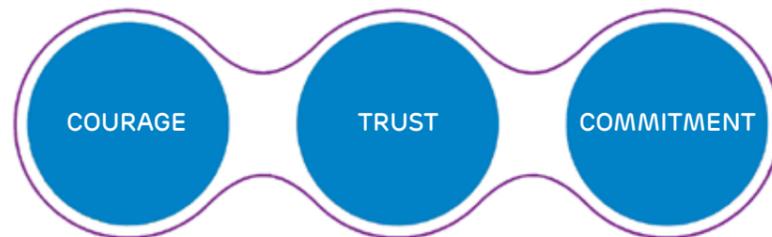


Values, Ethics and Integrity

A culture of...



On the foundation of...



To reinforce a culture of conviction and integrity, Adani group has laid the foundation based on **Courage, Trust & Commitment**. These values are deeply embedded and act as touchstones to all our conduct. They encourage us to have **courage** to accept new ideas and businesses; to have **trust** on each other including employees and stakeholders; to deliver on its **commitment** and adhere to high standards of business practices.

Over time, a robust governance system has been established that has strengthened our strong commitment towards business ethics & integrity. All internal as well as external stakeholders of APSEZ have access to the Grievance

Management System and can raise their concern anytime.

APSEZ's Business Responsibility policy defines its responsibility towards integration of sustainability parameters in all the activities of the organisation & communication of same through the business responsibility report.

APSEZ's corporate social responsibility initiatives have proven instrumental in integrating societal values with business values.

The 'Safety, Health & Environment' policy acts as a guideline to work towards health and safety of all employees and other stakeholders.



APSEZ

Integrating Scale, Scope and Speed

APSEZ is India's largest private sector port developer and operator company. With its ports located at strategic locations across the Indian Coast Line, it has played a major role in facilitating both National and International maritime trade.

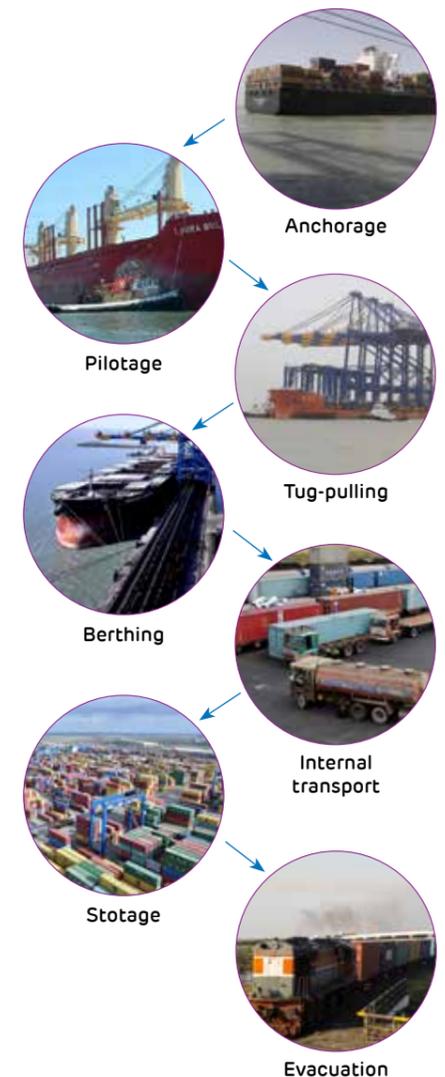
It connects resource rich eastern coastline of India with the consumption led north and western parts of the country. The unparalleled portfolio of port infrastructure encompasses 6 ports and 4 terminals: Mundra in the Gulf of Kutch; Dahej, Gujarat; Hazira, Gujarat; Tuna – Tekra, Gujarat; Murmugao, Goa; Vizag, Andhra Pradesh; Vizhinjam, Kerala (under development); Ennore, Tamil Nadu (under development); Kattupalli, Tamil Nadu; and Dhamra Odisha.

The legal status of the ports is shown in the table below:

Name of the company	Holding Status
Adani Ports and Special economic zone limited	Public Ltd. Company
Adani Petronet (Dahej) Port Pvt. Ltd.	*Subsidiary
Adani Murmugao Port Terminal Pvt. Ltd.	*Wholly owned Subsidiary
Adani Kandla Bulk Terminal Pvt. Ltd.	*Wholly owned Subsidiary
Adani Hazira Port Pvt. Ltd.	*Wholly owned Subsidiary
MPSEZ Utilities Pvt. Ltd.	*Wholly owned Subsidiary
Adani Ennore Container Terminal Pvt. Ltd.	*Wholly owned Subsidiary
The Dhamra Port Company Ltd.	*Wholly owned Subsidiary
Adani International Container Terminal Pvt. Ltd.	*Joint Venture
Adani CMA Mundra Terminal Pvt. Ltd.	*Joint Venture

* Subsidiary/Joint Venture/Wholly Owned Subsidiary of APSEZ

Its major services include handling of dry bulk, break bulk, cryogenic gas, POL & liquid and container cargo, dredging & marine services including coal, crude, containers, chemicals, fertilizers, agri products,



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Giant Leaps Forward

- Ecological Balance
 - Energy & Emissions
 - Water Management
 - Waste Management

Achieving together

Working with Care

Responsible Value Chains

Ripples of Change

Way Forward...

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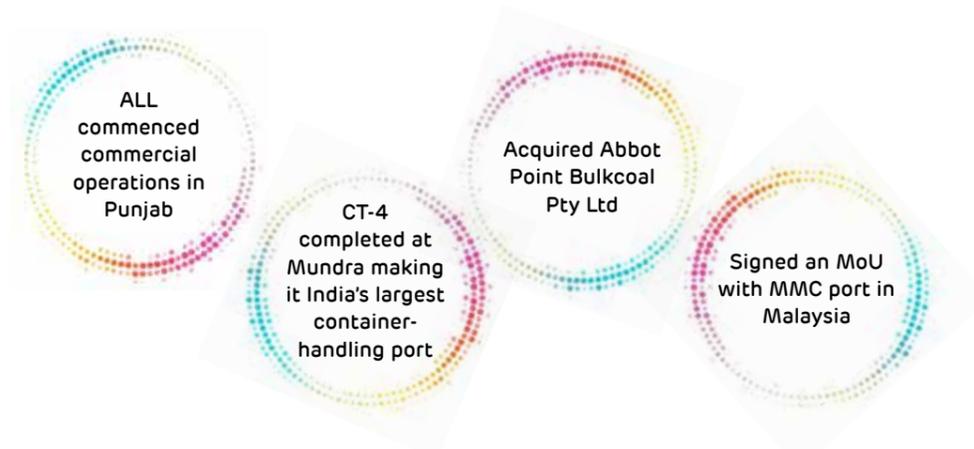
102-4, 102-6, 102-7, 418-1,103-1,103-2,103-3

steel & project cargo, edible oil, automobiles, minerals and timber. Its strength lies in providing end-to-end cargo handling solutions starting from anchorage, pilotage, tug-pulling, berthing, internal transport, storage and value add to evacuation by rail or road.

Due to the presence of state of the art infrastructure and latest technologies APSEZ has national and international customers including Maruti Suzuki, Reliance, Hindustan Petroleum, Tata Steel and Indian Oil. Both national and international markets are served by the company. It has global partnerships with organisations such as MSC – a global container shipping company and CMA CGM – Container transportation and shipping company.

The company's main business activity is undertaken in India. APSEZ respects the customer privacy by signing the contract agreement with its client; where it is agreed that no party without the prior written consent shall disclose any confidential information in connection with the performance of the company. APSEZ takes all necessary steps to ensure that efficient & safe cargo handling services are provided to the clients. It adheres to all rules & regulations in this regard. No cases regarding breach of customer privacy have been reported till date.

Recent Developments



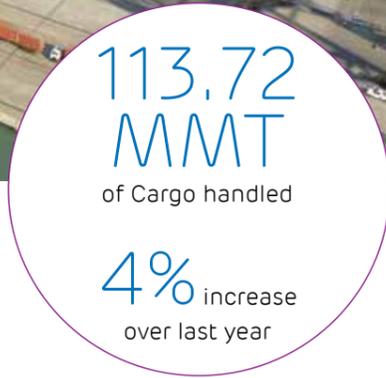
APSEZ facilities have a pan-India footprint with presence in 5 maritime states of India – Gujarat, Goa, Andhra Pradesh, Tamil Nadu and Odisha. Two ports / terminals are in project phase - Ennore Container Terminal in Tamil Nadu will begin operations during 2017 and in Kerala, Vizhinjam Port, India's First Transshipment port is expected to be operational by 2019.

Adani Logistics Limited (ALL), a subsidiary of Adani Ports and Special Economic Zone Limited (APSEZ), has commissioned and commenced commercial operations at its Inland Containers Depot (ICD) at Kilaraipur in Punjab. ALL already operates ICDs in Patli and Kishangarh and is a major player in the container train business.

During FY 2017 we have been successful in completing CT-4. Its commissioning has made Mundra Port India's largest container-handling port. APSEZ and CMA CGM will jointly operate container terminal 4 at Mundra Port for 15 years.

APSEZ has also acquired Abbot Point Bulkcoal Pty Ltd. Crossing national boundaries we have signed an MOU with MMC port to set up a container port in Carey Island, Malaysia. This port will be dominated by container infrastructure. In addition an MoU between MMC Ports and Sime Darby Property has been signed to develop an integrated maritime city in Malaysia.

Mundra Port (Adani Ports and Special Economic Zone Limited)



The Mundra Port is an infrastructural masterpiece and an important trade link for the country. It is the only port in India with handling and storage facilities for crude oil, containers, dry bulk, break bulk, automobiles and liquid cargo. Mundra can berth the largest post panamax vessel and can handle four million TEUs or Twenty feet Equivalent Units. Strategically situated on international maritime routes, Mundra Port offers multiple benefits for global trade. The gulf acts as a natural shelter for the port, facilitating round-the-clock safe berthing, unberthing and vessel operations. Compared to other ports on the West Coast, Mundra Port enjoys distance advantage to the north-west hinterland of India. This makes it the preferred port for the cargo hubs functioning in the northern and western states and territories of India.

Mundra Port has deep draft, all weather and direct berthing facilities. The berths at the port are capable of handling VLCCs, capesize bulk carrier with draft upto 18.5 meters and container vessels that can carry upto 18500 TEUs. The Port has world class support infrastructure and assets that include large fleets

of tugs, dredgers and Railway Locos. These ensure 24x7 uninterrupted and smooth operations at the port. Various commodities handled at Mundra port include Coal, Agri, Fertilizer, M&M, Steel & Project, other dry cargo in dry cargo; Chemical, POL, Vegetable oil in Liquid Cargo; and Containers and RORO. During FY 2016-17, the total cargo handled at Mundra Port showed an increase of 4% against total cargo handled during previous year.

Hazira Port (Adani Hazira Port Pvt Ltd - Subsidiary)



Adani Hazira Port Private Ltd. (AHPPL) is located in the gulf of Khambhat and is proximate to the hinterland of India's biggest chemical manufacturing corridor extending from Vapi to Vadodara in South Gujarat. It commenced operations in the year 2012. AHPPL facilitates international trade to Europe, Africa, America and the Middle East. This port is of great significance as it is situated at the core of the biggest chemical manufacturing corridor i.e. South Gujarat (from Vapi to Vadodara).

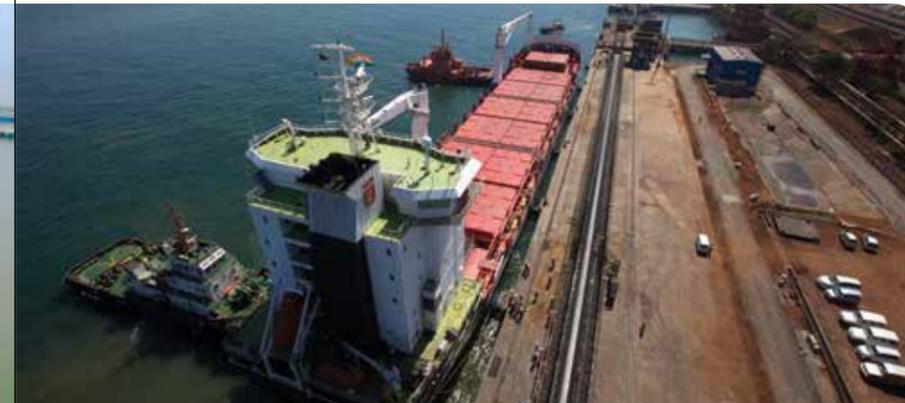
Hazira Port has deep drafts, all weather and direct berthing facilities. Hazira port has five operational berths viz. two container berths and three multipurpose berths which can handle dry as well as liquid cargo. Hazira Port boasts superior support infrastructure which include five tugs and a water injection dredger that ensures uninterrupted and round-the-clock smooth operations at the port

The port is equipped to handle class A/B/C and non-classified chemicals to facilitate import and export of liquid cargo. The tank-farm at the liquid terminal has 169 tanks.

Hazira container Terminal started its operations in March 2013 and became a preferred gateway port for South Gujarat, Central India and North Maharashtra. Presently terminal has two container berths with installed capacity to handle 750,000 TEUs per annum. Hazira container terminal has congestion free approach roads that allow EXIM trade faster turnaround of their container shipments from port that reduces cost and valuable time. Port also has on-dock EXIM yard with facility of customs examinations, de-stuffing and stuffing which helps importers and exporters in fast clearance of their cargoes.

Various commodities handled at Hazira port include Coal, Agri, Fertilizer, M&M, Steel & Project, other dry cargo in dry cargo; Chemical, POL, Vegetable oil in Liquid Cargo; and Containers. During FY 2016-17, the total cargo handled at Hazira Port showed an increase of 24% against total cargo handled during previous year.

Mormugao Terminal (Adani Murrugao Port Terminal Private Limited - Subsidiary)



Adani Murrugao Port Terminal Private Ltd. (AMPTPL) commenced its operations in 2014. It is a strategically located coal Terminal in the South-West side of India. AMPTPL is a part of protected open type natural harbour on the west coast of India in the state of Goa. The Terminal is approximately 570KMS south of Mumbai, 300KMS north of new Mangalore and 575KMS north of Cochin. AMPTPL has signed a concession agreement with MPT for 30 Years on Design, Build, Finance, Operate and Transfer on (DBFOT) basis.

AMPTPL has berth length of 300 mtrs. Draft of about 14.5m, with fully mechanised Material Handling System for coal handling with a capacity of 4.61 MMT. It is an all-weather port and has direct berthing facilities to handle all types of coal /coke cargo. It is equipped with the state of the art infrastructure and the latest technologies for a smooth handling of cargo. Commodities handled at AMPTPL include Coal and M&M in dry cargo. The cargo handled increased by 8% over last year.

Dhamra Port (The Dhamra Port Company Limited - Subsidiary)



DPCL is a 100% subsidiary of APSEZ. It commenced its operations on May 6, 2011. Located in the Northern Part of Odisha, the fully mechanised port at Dhamra is cherished as one of the deepest seaports in South Asia and the second all weather port in Odisha. The location of Dhamra is in close proximity to the mineral belt of Odisha, Jharkhand and West Bengal and its dedicated connectivity helps serve this hinterland with the greatest efficiency.

For Phase-I, DPCL has constructed two fully mechanised berths of 350 meters each along with backup facilities for handling imports of coking coal, steam/thermal coal, limestone and export of iron ore. Phase-I also includes a 62 kilometres rail link from Dhamra to Bhadrak/Ranital Link Cabin. Presently DPCL has developed two new berths under its expansion plan, one for mechanised coal imports and the other berth capable of handling clean cargo like fertilizer,

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agro and also steel & containerized cargo. The master plan of the port envisages 15 berths, capable of handling more than 100 million MT per annum of dry bulk, break bulk, containerised cargo, general cargo, LNG, LPG and Crude Oil. The cargo handling plant has been designed to achieve discharge rates of over 50,000 MT/day for coal and load rates of over 40,000 MT/day for iron ore. The Bulk Material Handling System is also capable of loading rakes in 1.25 hours and unloading fully loaded rakes in 3 hours.

Equipped with state-of-the-art technology and a conducive business environment, Dhamra Port has been accredited as the biggest and most efficient port in the East Coast of India. During FY 2016-17, the total cargo handled at Dhamra Port showed an increase of 45% against total cargo handled during previous year.

Dahej Port (Adani Petronet Dahej Port Pvt Ltd. - Subsidiary)



Adani Petronet (Dahej) Port Pvt Ltd, a joint venture between Adani Group and Petronet LNG Ltd, is the only solid cargo handling commercial port in the GMB port of Dahej. Strategic positioning in Gulf of Khambhat on international maritime routes makes Dahej Port the most preferred port for the cargo hubs functioning in Northern, Western and Central states and territories of India commenced its operations in Aug, 2010.

The port is equipped with state of art mechanised automated safe coal handling facilities. In addition, the port is also equipped to handle non coal dry bulk cargo (Agri and fertilisers, minerals, steel, etc.).

Dahej port is a deep water port offering all weather and 24x7 berthing facilities. With a capacity to handle 20 MMTPA, Dahej port has two dry bulk and break bulk berths (viz. 1 mechanised and 1 non-

mechanised) capable of handling up to Post Panamax and mini cape size vessels. Dahej port also has a dedicated facility (Ro-Ro ramp) for handling ODC/ Project cargo.

Dahej is well connected with major metropolises in India via rail and roads, and plays a major role in development of port led industries. Dahej Port is well connected to NH 08 through a six lane SH 06. There is also a special railway line, BDRCL, connecting Dahej port with national rail network (DMIC corridor). Advantage of being served from the Vadodara division of Western Railway allows Dahej port to feed power plans and other industries located deep inside landlocked states of India.

Various commodities handled at Dahej port include Agri, Coal, Fertilizer, M&M, Steel & Project in dry cargo.

Tuna Terminal (Adani Kandla Bulk Terminal Pvt Ltd - Subsidiary)

AKBTPL, the 8th port of Adani Group, is under the Concession Agreement with Kandla Port Trust (KPT). AKBTPL is equipped with world class fully modernised and mechanised terminal which allows direct berthing of deep draught vessels in all weather conditions for faster cargo discharge.

AKBTPL has world class infrastructure for handling of all dry bulk cargo with fully mechanised infrastructure installed with Asia's highest speed conveyor system running at a speed of 8.2 meter per second. The facility is installed with latest Bagging Machines to handle Fertilizer and Agro commodities, to evacuate imported bulk cargo in bagged form to the hinterland.

AKBTPL started its operations from 10th Feb 2015, and successfully handled all bulk commodities including Coal, Fertilizer, Pet Coke, Sugar and Agriculture commodity (CSM – Export & Barley – Import). This sets high standard of handling dry bulk cargo with mechanised operation and technical expertise.

Various commodities handled at Tuna Port include Agri, Coal, Fertilizer, M&M, in dry cargo. During FY 2016-17, the total cargo handled at Tuna Port showed an increase of 20% against total cargo handled during previous year.





Leading the way

The Adani Group is a multi-faceted enterprise united by a single logo, a single vision and a single-minded inclination to succeed. Over the decades, Globalisation has not only heightened the business risks, but also compelled Indian companies to adopt international norms of transparency and good governance. Since large businesses employ vast quantum of societal resources, we believe that the governance process should ensure that business are managed in a manner that meets stakeholders' aspirations and societal expectations. APSEZ has placed clear & effective corporate governance mechanism which determines the way organisations work & interact with its stakeholders in all its business related matters.

Our Corporate governance mechanism helps us to be accountable & transparent, not only to the providers of capital but to all those who have been a resource in shaping up what we are today. The key elements of APSEZ's governance philosophy include ownership; transparency; empowerment and accountability; and control and ethical corporate citizenship. We believe that the practice of each of these leads to the inculcation of right corporate culture in an organisation.



Attaching utmost importance to corporate governance and transparency, APSEZ has been proactive in following all the legal requirements. The Company has complied with all the requirements of Corporate Governance under the SEBI (Listing Obligation & Disclosure Requirement) Regulation 2015. It follows a top down approach where corporate governance standards are initiated by the top management and percolate down the organisation. For more information on Corporate Governance refer our annual report FY 2016-17.

Ensuing to the philosophy and core values, Corporate Governance in APSEZ shall take place at three intertwined tiers, namely,

- Strategic direction by the Board of Directors
- Policymaking and Management by the corporate level management committee
- Planned Management and execution by the Strategic Business Units' Chief Executives assisted by the site level management committee.

As per our corporate governance structure, at the pinnacle is the Chairman and the Managing Director along with the Board of Directors. The Board currently comprises of 8 (eight) Directors out of which 5 (five) Directors are Non-Executive Directors. Independent Directors are non-executive directors as defined under Regulation 16(1)(b) of the SEBI Listing Regulations. The maximum tenure of the Independent Directors is in compliance with the Companies Act, 2013. All the Independent Directors have confirmed that they meet the criteria as mentioned under regulation 16(1)(b) of the SEBI Listing Regulations and Section 149 of the Companies Act, 2013. The present strength of the Board reflects judicious mix of professionalism, competence and sound knowledge which enables the Board to provide effective leadership to the Company.

The Board of Directors met five times during the year under review. The details of board meetings and the attendance of the Directors are provided in the Corporate Governance Report which forms part of this Report.

Board of Directors

Gautam S Adani, Promoter & Executive Director

Rajesh S Adani, Promoter & Non-Independent Director

Dr Malay Mahadevia, Whole Time Director

Prof G Raghuram, Independent & Non Executive Director

G K Pillai, Independent & Non Executive Director

Sanjay Lalbhai, Independent & Non Executive Director

Radhika Haribhakti, Independent & Non Executive Director

Karan G. Adani, CEO & Whole Time Director

Management committees

Management committees have been constituted by the board to enable a focused and quick decision making in the organisation. Each committee is responsible for handling a specific area. These committees are under direct supervision of the Board. Various management committees at APSEZ are:



Sustainability Governance

For sustainability to be embedded into APSEZ's organisational strategy, a board level CSR & Sustainability team has been formed during the reporting period by merging with existing CSR Committee.

Sustainability Governance Structure



Roles and Responsibilities of the CSR & Sustainability Committee

- Review from time to time Corporate Social Responsibility (CSR) policy in the light of emergent situation and statutory frame work.
- Recommend the amount of investment to be made on CSR activities.
- Monitor the implementation of CSR policy and review overall performance in CSR Programme.
- Review from time to time Sustainability policy in the light of emergent situation and statutory frame work.
- To review overall sustainability performance and sustainability reporting of the company.
- The authority to decide disclosure on management approach and steering management approach in Sustainability Performance is delegated to CEO of the Company.
- Review from time to time different aspect of Sustainability Performance such as environmental achievements, review of safety performance, review of water and energy use etc.

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To provide directions & guidance to both the teams, a top level Sustainability Leadership Committee (SLC) was constituted during FY '16 comprising of CEO APSEZ and few other members. The SLC also has a representation from each of the key divisions of APSEZ to facilitate smooth integration of sustainability across the organisation. The Sustainability Leadership Committee acts to provide direction, oversight, and guidance throughout APSEZ to implement sustainability related projects. Various other **roles performed by SLC include:**

- explanation of the economic, environmental and social impacts related to material aspects to the Board that subsequently influence the assessments and decisions of stakeholders
- promote integration of sustainability impacts and considerations into the APSEZ risk management framework
- review the progress with respect to action plans developed to meet the organisational strategic objectives

At the onset of sustainability journey during FY 2016, APSEZ constituted site level Sustainability Steering Committees (SSC) at Mundra and Hazira ports. During the reporting period, SSCs have also been formed at all other operational ports.

Major responsibilities of the SSCs include:

1. To set out in detail the roles and responsibilities of Sustainability Steering Committee.
2. To assist the Sustainability Leadership Committee in fulfilling its oversight responsibilities relating to APSEZ strategy, policy and practices.
3. To formally engage Sustainability

Leadership Committee in strategic sustainability decision making, encourage long-term planning and facilitate sustainability initiatives of sites.

4. To develop and recommend to Sustainability Leadership Committee for approval of sustainability strategy (including a sustainability management framework and policy), targets and plans.
5. To review and report progress in respect of sustainability strategy, targets and plans of sites.
6. To prepare and recommend to the Sustainability Leadership Committee for approval of annual sustainability report and disclosure as appropriate for the sites.
7. To promote the integration of sustainability into business activities across sites.

APSEZ has established strong internal mechanism for the implementation, monitoring & review of sustainability report by the top management of the organisation. The top management is updated regarding various sustainability developments including sustainability reporting to seek their guidance & support. At various stages of development, the top management reviewed and guided the sustainability report of APSEZ.

The site level steering committees as well as sustainability leadership committee members play a critical role in the external assurance of the report by a third party by being a part of discussions /interviews/meetings etc. They also help to develop the roadmap for making necessary improvements as suggested during the process. There are well established roles & cross-linkages between the teams at all the levels.

Risks and Compliances Management System

APSEZ has developed a Risk Management framework which extensively uses excel based platform for tracking risks and corresponding documentation. The Risk Management framework emphasises on identification of risks, regular assessment as well development of response plan for the identified risks. APSEZ has taken a step further to monitor the implementation of response plans as well, on regular basis.

The risk and compliance management framework acts as a precautionary mechanism adopted by APSEZ to anticipate various environmental, social and economic risks as well as compliance related issues thereby planning corrective actions for same.

The risk management framework allows identification of business risks in various segments & tracking of applicable laws in the relevant areas supported by legal compliance tracking system "Legatrix". APSEZ has also put in place strong internal control systems to evaluate compliance, efficiency & effectiveness of key processes and risks. The formal risk assessment and management system driven by Board level Audit Committee helps to periodically review the risk areas, evaluate the consequences, initiate risk mitigation strategy and implement corrective action wherever required. The risk assessment standards are reviewed regularly or as and when any change in system or process

takes place or any incident takes place.

The risk management framework takes into account different types of risks i.e. business risks as well as operational risks, internal risks as well as external risks. Typical categories / sets of risks monitored and managed are: Economic, Financial & Compliance, Market & Customers, Competition, Regulatory / Policy Environment, Assets, Operations, Socio-political, Partners, Environment, Employees, Local Communities, Media Perception, and Brand Image. Each of these categories / sets comprises of various specific risks. Furthermore, this classification and the risks identified there in are also updated from time to time to make it stay relevant with respect to the time. The below table provides the functions accountable for various categories of risks:

Risk Category / Set	Function Accountable
Economy	Strategic Planning
Financial & Compliance	Finance
Market & Customers	Marketing Teams & Strategic Planning
Competition	Marketing Teams & Strategic Planning
Regulatory / Policy Environment	Strategic Planning
Assets	CEO Office & Site Heads
Operations	CEO Office & Site Heads
Socio-political	CEO Office & Site Heads
Partners	CEO Office & Marketing Teams
Environment	Environment & Sustainability Teams
Employees	Human Resource
Local Communities	Adani Foundation & Site Heads
Media Perception	Corporate Communication
Brand Image	Corporate Communication

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APSEZ follows a mix of decentralised and centralised approach for risk management by a person or institutions that are best able to evaluate risks, identify mitigation actions and implement the actions. Responsibilities are therefore decentralised. A centralised approach is used to keep track of all risk management aspect in a unified manner to get a comprehensive view and ensure suitable escalation. Apart from CEO APSEZ, CFO and Audit Committee Head, the head of CEO Office and Chief Operating Head keep track of all risk management functions.

Each site maintains a separate set of risk registers pertaining to business, operations, safety & environment, while each department also has a separate and detailed operational risk register which is used to monitor and manage operational risks specific to that department.

The Board reviews risk management process at least once every six months. We have put an escalation mechanism in place based on two critical parameters – Probability of Risk Materialising and Level of Impact of Risk. Based on intensity, risks and their status along with suitable mitigation plans is escalated to CEO APSEZ and then to the Board.

The decentralised approach for risk identification, monitoring and management itself serves as a big driver for promoting effective risk management culture throughout the organisation. The right messages are emphasised from time to time through CEO communication, newsletters and conclaves. The emphasis on safety and security of people, cargo and machinery forms one of the critical elements in developing a risk conscious culture in the organisation. For identified roles, risk management is also made part of larger process of defining roles and performance measurement of individuals and teams.

APSEZ has also established a well-structured IT-enabled compliance management system that provides comprehensive matrix on all applicable legal, statutory & regulatory laws and its management. The system enables the management to track the compliance status through comprehensive compliance dashboards & immediately get cognizance of non-compliances. Based on the nature of task, there are updates on an annual to a daily basis – for conditional tasks on occurrence of any incident; and, for preliminary tasks, during pre-construction, construction and operation stages. These are then reviewed by the reviewer (functional head) & chief compliance officer.

APSEZ engages external experts to carry out independent reviews of the effectiveness of various business processes. All internal audit processes are web enabled and managed on-line by our Audit Management System (AMS). Necessary compliance reports are generated and submitted to various regulatory authorities. For instance, environmental compliance reports to MoEF/SPCBs/CPCBs and, Annual Report including BRR, to financial institutions, investors & other stakeholders.

As per the NGT order of January 2016 against the PIL, AHPPL had deposited Rs. 25 Crores before the collector, Surat, following the directive of the Hon'ble Supreme Court. Also the environment & CRZ Clearance for Phase III expansion of APDPPL granted by MoEF&CC has been challenged in NGT during FY 2016-17. There was no further hearing on both the matters during the reporting period.

There have been no significant fines and non-monetary sanctions for non-compliance with laws and regulations in the social and economic area during the reporting period.



Materiality & Stakeholder Inclusiveness



Stakeholder engagement finds its place at the core of business strategy of APSEZ. It thrives for inclusive development and believes that the essence of a business is wealth creation for all its stakeholders.

Beginning in FY 2015-16, APSEZ established and implemented a robust Stakeholder Engagement process specifically to map the concerns of stakeholders & address them through systematic managerial action. The process relied on development of new as well as existing mechanisms. It facilitated identification of needs and concerns of selected stakeholders. Apart from deriving the material topics, the entire process was also beneficial in developing mitigation plans for the identified sustainability risks & challenges from stakeholder's perspective. In order to further streamline the process, APSEZ developed a detailed stakeholder engagement report for the FY 2016-17.

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Selection & Prioritisation of Stakeholders

In order to further strengthen its stakeholder engagement process, during the reporting period, APSEZ continued engagement with its key internal and external stakeholders including customers, suppliers, civil society organisations, local communities, shareholders etc. This year combination of different methods were used to derive maximum information from these consultations for example, customers were engaged through online sustainability questionnaires as well as focussed group discussions at Hazira, Dahej, Mundra, Tuna, Goa and Dhamra.

Identification of Material Topics

The preliminary identification of the material topics at the organisational level was done keeping in mind the negative as well as positive impacts that these topics could create on the value chain, so that they represent the range of sustainability impacts of APSEZ. During the next stage, relevant material topics were

presented to the stakeholders to seek their opinion. This exercise helped to prioritise the topics with reference to 'what' matters & 'where' it matters. The selection of the entities 'along value chain' was done using same parameters as those for selection of stakeholders to be engaged. Therefore, all the relevant stakeholder groups/ individuals were included in the materiality analysis.

The most important outcome from the above mentioned process has been the emergence of list of Material business topics (24 topics) significant for APSEZ. The topics thus collected were further discussed with the Sustainability Steering Committee and the final topics were selected after application of following principles: those which were prioritised by the stakeholder groups engaged; those which were reflecting the sustainability context of the organisation; those which were representing the significant material topics; those which had complete information in all respects. The idea was to ensure that comprehensive & required information goes into the report so that it meets the information needs of engaged stakeholders at large. The overall selection of final material topics was done considering the impacts that each one could create across the value chain, thereby rendering a particular topic material to be included in the report.

The contents of the report derived from this analysis have been covered in the report in varying degrees. As a result of the stakeholder engagement process 12 most significant topics identified were Occupational Health and Safety, Training & Development, Supplier assessment, Local communities, Grievance Mechanism, Procurement Practices, Economic Performance, Compliance, Energy, Water, Emissions, Effluents & Waste.

The number of material topics included in this report has significantly reduced from last report due to various reasons such as better awareness amongst our stakeholders on sustainability aspects has led to selection of the most important material topics ; few topics were reported last year to showcase our management approach like forced/child labour etc. which have not been included in this report. (For further details please refer our sustainability report 2015-16).

These significant Material topics have been covered in the report in terms of data as well as Management Approach while the other relevant material topics have been covered in the form of narrative sections. For additional topics, data has been provided wherever necessary. This report does not contain any data on the material topics from the value chain entities but includes description of necessary systems & procedures to manage the same.



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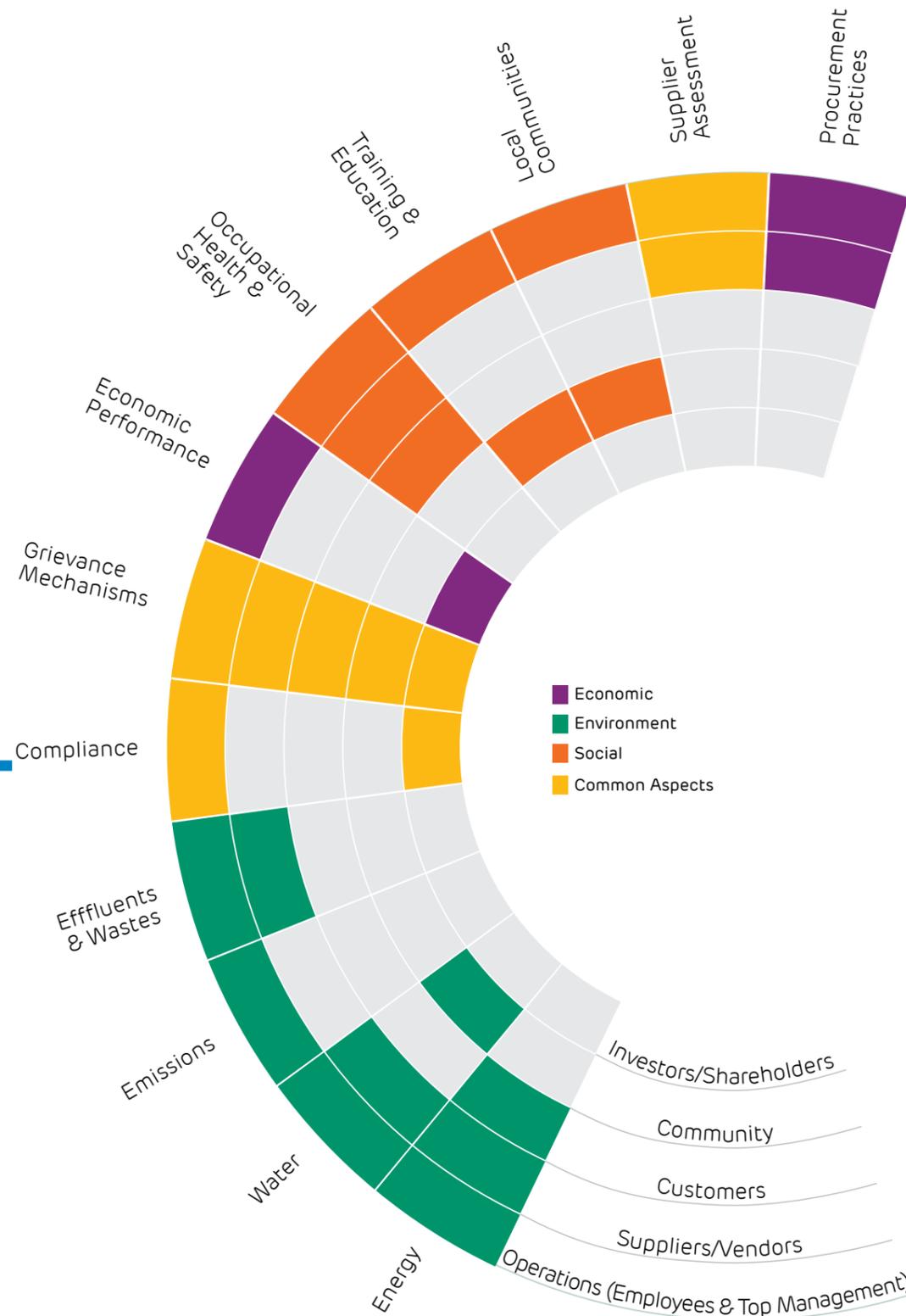
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Materiality Matrix



In alignment with its approach & ambition to improve the stakeholder engagement process, awareness sessions regarding sustainability for various stakeholders were conducted which resulted in higher number of responses as compared to last year. The action plans with reference to concerns received from stakeholders were initiated and informed through various means along with this report. More details have been included in internal stakeholder engagement procedure.

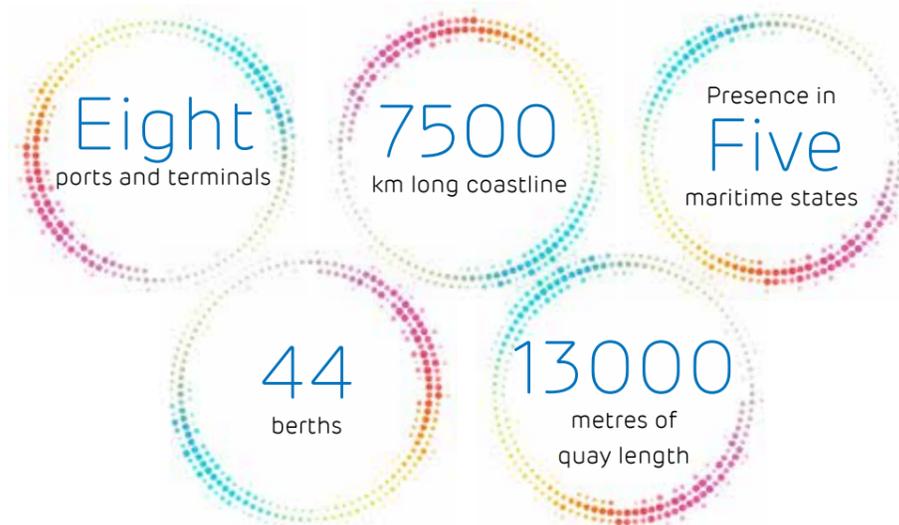
Over the year the process has also seen major changes in design and implementation in terms of the methods of Engagements, number of Stakeholders engaged, and the volume of responses received. However, the ambition to make stakeholder engagement process furthermore inclusive continues at APSEZ.

Stakeholder Consultation Process: Summary

Stakeholder	Criteria For Selection	Engagement Method	Frequency	Key Concerns/Information Needs	Reference Page Nos
Customers	More than 2 years of association or the volume of Business	Personal Interviews	Yearly (Specifically for reporting)	Timely redressal of customer Grievances	10, 66
				Regular feedback from Customers	25-27
				Awareness on Anti-corruption Mechanisms and Grievance Management System of APSEZL	23-24
				Infrastructure at Ports	11-17
				Transparency Competitive Pricing	19
Suppliers/ Vendors	More than 2 years of association	Vendor meet	Annual	Supplier Appraisal mechanism	54-55
		Group Discussions	Annual (Specifically for reporting)	Awareness on Grievance Management System	54-55, 10
		Vendor Audits	Annual (Specifically for reporting)	Better communication	54-55
Employees	Random	Online Surveys	Annual (Specifically for reporting)	Employee Well Being	48-51
		Group Discussions	Annual (Specifically for reporting)	Training & Development	50-51
		Individual performance appraisals	Annual	Occupational Health & Safety	52-53
Local communities	Random	Group Discussion	Annual (Specifically for reporting)	Employment of Locals	56-63
Investors/ Shareholders	All	On-line Surveys by third party	Annual (Specifically for reporting)	Governance	18-22
		Annual General Meeting	Annual	Ethical operations	10
				Compliance / Business Investments	23-24



Giant Leaps Forward



APSEZ operates eight ports and terminals across the 7,500 km long coastline of India. APSEZ facilities have a pan-India footprint with presence in 5 maritime states of India viz. Gujarat, Goa, Andhra Pradesh, Tamil Nadu and Odisha. Two ports / terminals are in project phase - Ennore Container Terminal will begin operations during 2017 and Vizhinjam Port which is India's First Transshipment port is expected to be operational by 2019.

The eight ports and terminals consist of 44 berths spanning across 13,000 metres of quay length and two single point moorings to facilitate the handling of Dry, Liquid, Crude oil, Containers, RoRo and Project Cargo. The operational facilities are equipped with the latest cargo handling facilities which are not only best in class but capable of handling the largest vessels calling at Indian ports. APSEZ has added 'SHANTI SAGAR 17', a Trailing Suction Hopper Dredger, to its dredging fleet. Out dredging fleet stands at nineteen dredgers.

Today, APSEZ is India's largest commercial port developer and operator. It manages the complete logistics chain – from vessels management to anchorage pilotage-tug pulling-berthing-goods handling-internal transport-storage and handling/processing and final evacuation by road or rail. From a company focused on creating port capacity, APSEZ has evolved into a provider of integrated port infrastructure services. APSEZ's evolution has enabled it to enter into alliances with leading Indian businesses to provide complete logistics solutions. APSEZ's port services include marine, handling intra-port transport, storage, other value-added and evacuation services for a diverse range of customers, primarily terminal operators, shipping lines and agents, exporters, importers and other port users. This helps APSEZ to diversify its income sources, eliminate revenue leakage, reduce financial risk and compete more effectively. Consequently, APSEZ's cargo and service mix has a significant effect on its results of operations.

Government's infrastructure push to build a modern economy is an

important input to creation of a world-class port infrastructure. APSEZ believes in the contrarian approach of investing to grow and create markets, rather than merely servicing demand. Aided by demand revival globally, APSEZ has been leading across all the fronts and Mundra Port continues to be the largest commercial port in India by handling 113.72 MMT of cargo in financial year 2016-17 and total cargo handled across all Adani Ports is 168.72 MMT during FY 2016-17. APSEZ maintained better than industry growth record and registered a 11% growth in cargo volumes in financial year 2016-17.

Over last year, APSEZ's income increased by 20.89% from Rs. 7,841.32 crores in 2015-16 to Rs. 9,479.46 crores in 2016-17. Profit after Tax increased by 35% from Rs. 2,913.72 crores in 2015-16 to Rs. 3,919.94 crores in 2016-17. Earning per Share (EPS) for the year increased by 35% from Rs. 13.99 in 2015-16 to Rs. 18.89 in 2016-17.

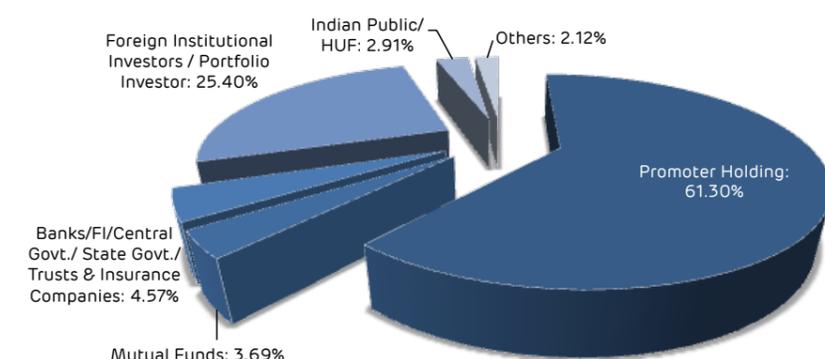
For FY 2016-17, APSEZ's Equity Share Capital was Rs 414.19 crores and Debt was Rs. 19543.67 crores.

Income
increased by
20.89%

PAT
increased by
35%

EPS
increased by
35%

Shareholding pattern



Others include NRI/Foreign Nationals, Foreign Companies, Other Corporate Bodies and Clearing Member

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Adani Logistics Limited (ALL), a subsidiary of Adani Ports and Special Economic Zone Limited, has commissioned and commenced commercial operations at its Inland Containers Depot (ICD) at Kilaraipur in Punjab. ALL already operates ICDs in Patli and Kishangarh and is a major player in the container train business. The Company also provides other services, including infrastructure, leasing and logistics services at the Mundra Port through its surrounding infrastructure, including the Mundra SEZ, which the Company has developed and operates. Mundra SEZ is one of the largest operating port based multi-product special economic zones in India.

APSEZ's Multi-product SEZ at Mundra is the largest notified SEZ in the country with notified area of 8481.28 Hectares. Exports from Mundra SEZ upto March, 2017 was about Rs.14,423 crores (cumulative). Mundra SEZ with its multi-modal connectivity including road, rail, sea port and airport is expected to attract more and more investments in the coming years.

As part of strategy for cluster based development, an Electronics Manufacturing Cluster (EMC) including solar energy equipment & its ancillary units is being developed within the SEZ over an area of 259.70 Hectares.

In addition to the 16 co-developers approved by Government of India for providing various infrastructure facilities, as at March 31, 2017, total 37 entities have obtained approval for setting up of their units in the SEZ. Some of them have already started operations & export activities. Some are under construction. These units have already invested about Rs. 2,524 crores.

This will effectively contribute to the landmark "make in India" initiative of the Government of India.

Deep draught berths, minimum pre-berthing delays and fast turnaround of vessels are the factors which make APSEZ stand out from its competitors. Other attributes like state-of-art port infrastructure facilities, domain expertise in the port services industry, specialised infrastructure constructed to handle specific commodities, established customer relationships, ability to facilitate port based development, consistent high-quality service and our ability to flexibly meet our customers' requirements including flexibility in tariffs support APSEZ to compete with state-run as well as private ports.

Despite common hinterland in northwest India which is shared with these ports, APSEZL has been successful in attracting substantial cargo increase year after year and the trend is expected to continue in the future as well. With its state of art container handling, storage and evacuation infrastructure, APSEZ's Mundra and Hazira Ports have emerged as preferred 'Port of Call' to key global liners.

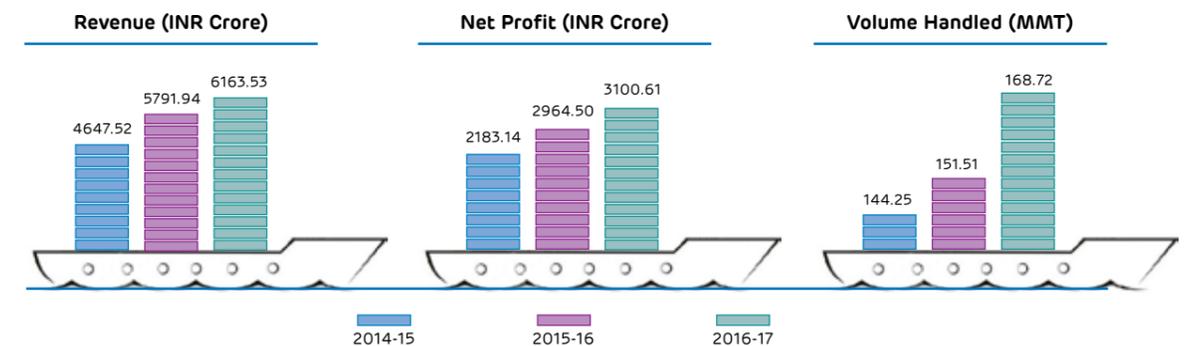
The Port Sector in India offers immense growth potential based on the anticipated growth in international trade and costal shipping in India. With increased vessel sizes, liners prefer ports with deep draft, longer quay, lengths, high mechanisation and developed evacuation infrastructure. For an integrated ports development and operation like APSEZ, there are ample opportunities to grow organically as well as inorganically.

Direct Economic Value Generated and distributed

(INR Crore)

Particulars	2014-15	2015-16	2016-17
A Direct Economic Value Generated			
Revenues from Operations	3,909.36	4,619.17	4,878.86
Revenues from Other Sources	738.16	1,172.77	1,284.67
Total	4,647.52	5,791.94	6,163.53
B Economic Value Distributed			
Operating Expenses (Excluding Employee Wages and Benefits)	885.54	816.33	781.84
Employee wages and benefits	157.56	178.92	210.99
Payment to providers of Capital	982.86	1,128.63	1,522.43
Payment to government	450.60	624.34	704.24
Total	2,476.56	2,748.22	3,219.50
Economic Value Retained (A-B)			
Profit Before Tax	2,148.17	3,106.27	3,292.94
Profit After Tax	2,183.14	2,964.50	3,100.61
Earnings per share (INR)	10.55	14.31	14.97
Payment to provider of capital[#]			
Finance cost	708.79	854.45	1198.4
Dividend including DDT	274.07	274.18	324.03
Total	982.86	1128.63	1522.43

The above table consists of standalone results of APSEZ - Mundra Port. The other ports details are covered in consolidated results in Annual Report FY 2016-17 on page numbers 283-285



APSEZ Stand alone



Ecological Balance

Ports are a key component of the economic development of the country. While they provide an efficient and fast means of moving large quantities of cargo, several related issues like handling of cargo, movement of vehicles in and around port premises, effluents from port activities and noise pollution may lead to various negative environmental impacts. For instance, handling of large quantities of dry bulk cargo may emit dust, handling of liquid cargo through pipelines poses the potential risk of leaks and spillages and transportation of cargo to and from the port premises leads to significant air emissions. Working responsibly and keeping all the potential environmental hazards at bay, is sometimes a challenge.

In this section on environment sustainability, we endeavour to bring out all such issues faced and the strategies developed to overcome or eliminate such challenges, tracing back to what we identified through materiality process in direct or indirect consultation with our stakeholders.

The deep blue sea and the green environs around our ports is testimony to our efforts towards development & maintenance of our ports in a sustainable way. "Sustainability" is a continuous journey and "to be a sustainable port" is an aspiration for APSEZ.

While Mundra and Hazira Ports are ISO 14001 certified, Tuna, Dhamra Dahej Ports have initiated the ISO certification procedure. The certification audit are completed and ISO certificates are awaited. The policies direct the various environmental protection initiatives like energy conservation, waste utilisation etc. on regular basis. The company also has a dedicated horticulture department to look into both, marine and terrestrial greening related aspects.

During the reporting period ₹ 19.78 Crores were spend on environmental activities including Legal & Statutory expenses, Mangrove Plantation, Horticulture Expenses, Environment Day Celebration etc. across all the ports.

Energy & Emissions

Of all the material topics identified by APSEZ during the reporting period, Energy & Emissions continue to be the significant ones from the previous reporting period. Ports are associated with energy demand for rendering various commercial services along with domestic consumption, which may be minimal though. The activities performed at ports like crane operations for loading/unloading cargo, transportation of goods within the port premises through trucks, conveyer belts etc., and the official work performed on computers, all consume energy either in the form of fuel or electricity. Moreover, various strategic initiatives taken by APSEZ in the past few years like automation of cargo handling systems & provision of electricity to tug boats waiting at the shore while cargo is unloaded, has led to increase in the consumption of electricity.

For APSEZ, equally important are the GHG emissions which are directly related to the amount of energy consumed, which is impacted by the increase in total volume of cargo handled every year.

Environmental impacts from GHG emissions caused by consumption of electricity are lower as compared to those caused by fuel consumption like petrol, diesel etc., for carrying out the above mentioned activities.

While we continue to strengthen the best practices to lower energy consumption and emission, identification of new areas of improvement remains on the radar of the management.

The energy conservation initiatives undertaken by APSEZ are also attributed to national as well as international agenda like National Action Plan on Climate Change & SDGs. As a result of energy consumption, impacts are created amongst energy suppliers, customers (who are provided off-shore electricity to prevent fuel consumption) as well as on APSEZ itself, owing to direct implications on the cost as well as GHG emissions.

APSEZ has a defined plan of action to handle energy & GHG related issues. The monitoring systems have been installed at significant places at all the ports which help to measure the energy consumption patterns & analyse the same for drawing future interventions. The plans are reviewed by dedicated management personnel at regular intervals to estimate the execution status, improvement made & decide the future course of action. Based on the data reported in FY'16 sustainability report that acts as a baseline for Energy & GHG Emission parameters, several new initiatives have been taken during the reporting period.



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To meet its energy requirements, APSEZ relies majorly on electricity. Some part of energy requirement is also fulfilled through fuels like diesel, petrol, etc. These fuels are used to perform functions including crane operations, dumper, loader operations, etc. In addition to this, petrol is utilised in two-wheelers for transportation within the port. The actual energy source from which electricity is produced is difficult to predict since it is purchased from the grid. The fuels that we use in our processes are the non-renewable ones.

In its efforts to rely on renewable energy sources APSEZ has commissioned Solar Roof-top plant of 1.5 MW installed capacity at Mundra. As a result 807 GJ energy requirement at Mundra Port has been met through solar energy. In addition, Wind Turbines of 6 MW (3 turbines of 2 MW each) at Rojmal Site, Jasdan (Gujarat) have been installed to cater to the captive energy requirements of Tuna, Dahej and Hazira facilities respectively. This will help reduce our dependence on non-renewable sources of energy from April 2017. As far as energy consumption is concerned, total energy consumption within the organisation (including electricity as well as fuels) during the reporting period was 19,29,883 GJ, combined for all the ports covered in the report.

From 1.5 MW solar rooftop plant operation during March 2017, 807 GJ energy was produced & used for Mundra Port



3 turbines of 2 MW each have been installed to cater to the captive energy requirements of facilities at Tuna, Dahej and Hazira



Details of Energy consumption in 2016-17 (GJ)

Type of Energy	2016-17	Source of Energy
Electricity	6,95,709	Non-renewable
Solar Roof-top	807	Renewable
Fuel		
HS Diesel	12,29,834	Non-renewable
Petrol	2891	Non-renewable
FO	806	Non-renewable
LPG	643	Non-renewable

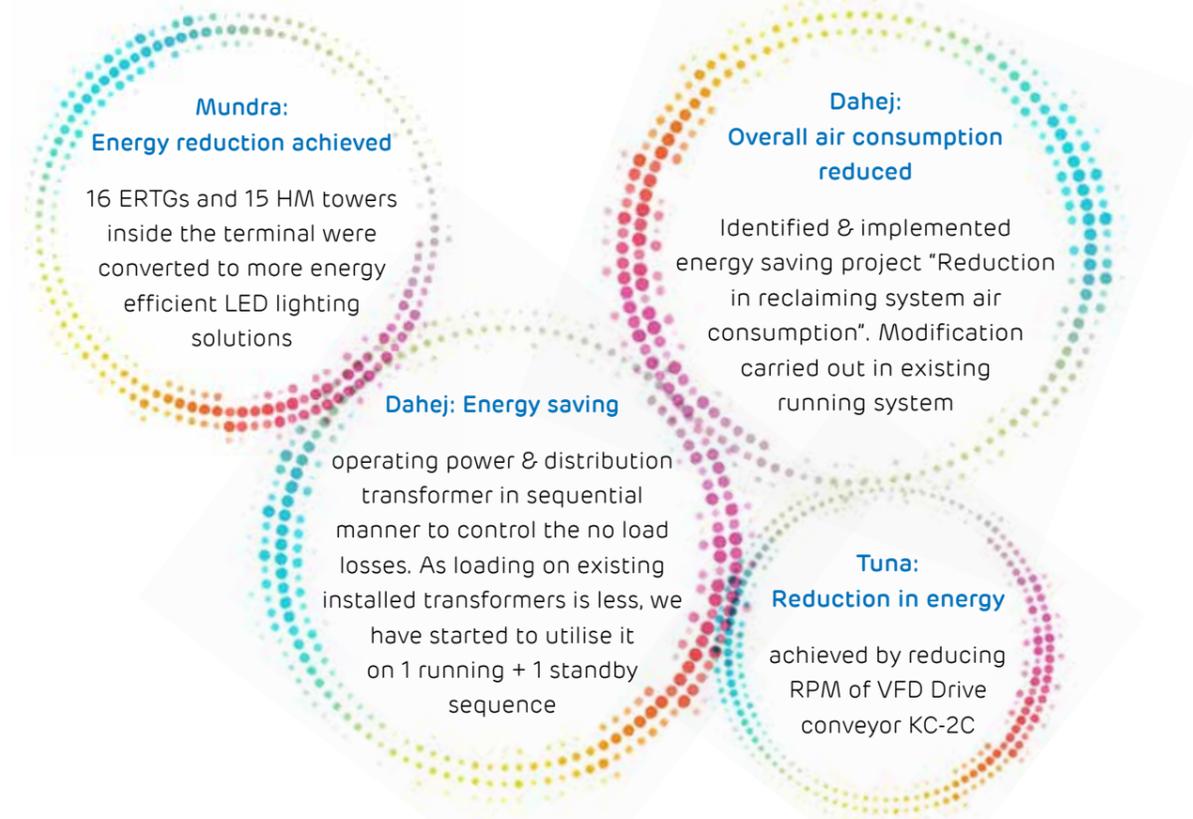


covered in previous sustainability report, GHG inventorisation study has been carried out with the help of external agency at all the operational ports covered in the report during the reporting period. A structured approach has been adopted to monitor GHG emissions & take necessary actions to mitigate the same. The study was guided by the Corporate Accounting and Reporting Standard under the GHG Protocol of WBCSD which covers all the seven GHGs covered by the Kyoto Protocol. As per the study, during FY 2017, Scope 1 emission was 95703 tCO₂e and Scope 2, 158467 tCO₂e (including 3 major gases – CH₄, CO₂ & N₂O), collectively for all the ports. Considering the total cargo volume (147MMT) handled during the reporting period as the denominator, the GHG Scope 1 emission intensity was 651 tCO₂e/MMT of cargo handled & GHG Scope 2 emission intensity was 1078 tCO₂e/MMT of cargo handled during the reporting period. APSEZ intends to bring down its energy intensity in future by being more efficient & rigorous in implementing future interventions.

Therefore, considering the total cargo volume (147 MMT) handled during the reporting period as the denominator, the total energy consumption intensity is 13,128.45 including electricity as well as fuels, during the reporting period.

Aligned with its plan to initiate GHG study at all the ports, except Mundra & Hazira which were already

Energy Conservation Initiatives



Note: The data has been collected from inventories/log books maintained by respective departments at the port locations.

Water Management

With fast emerging ill-effects of climate change over the past few decades, water has become an important issue. Inadequate availability of water may affect different port activities like tank cleaning, workshop cleaning, vehicle washing, etc. Furthermore it may hamper the ability to minimise the environmental impacts caused due to operational activities which need water to combat the same, like coal dust suppression.

Water is also needed for domestic consumption & horticulture. Water being shared resource is also an issue amongst various stakeholders.

APSEZ has a dedicated water management plan approved by the management which outlines various water conservation initiatives and targets adopted by all the ports. All ports also have their own water conservation plans keeping in mind the resource requirements & water availability. The plans are reviewed on quarterly basis by management. APSEZ has given special attention to re-utilisation of waste water within its premises which helps reduce its dependency on fresh water. The utilisation of treated waste water as per the prescribed standards prevents pollution of natural water bodies while reducing demand for fresh water for different activities.

During the reporting period, total 2817 ML of water was consumed at Mundra, Tuna, Dahej, Hazira, Goa and Dhamara ports, the primary source of water being surface water. Out of this, 151 ML of effluent (wastewater) has been put

150 ML of wastewater was re-used and approximately 5% of treated wastewater was used for greening activities

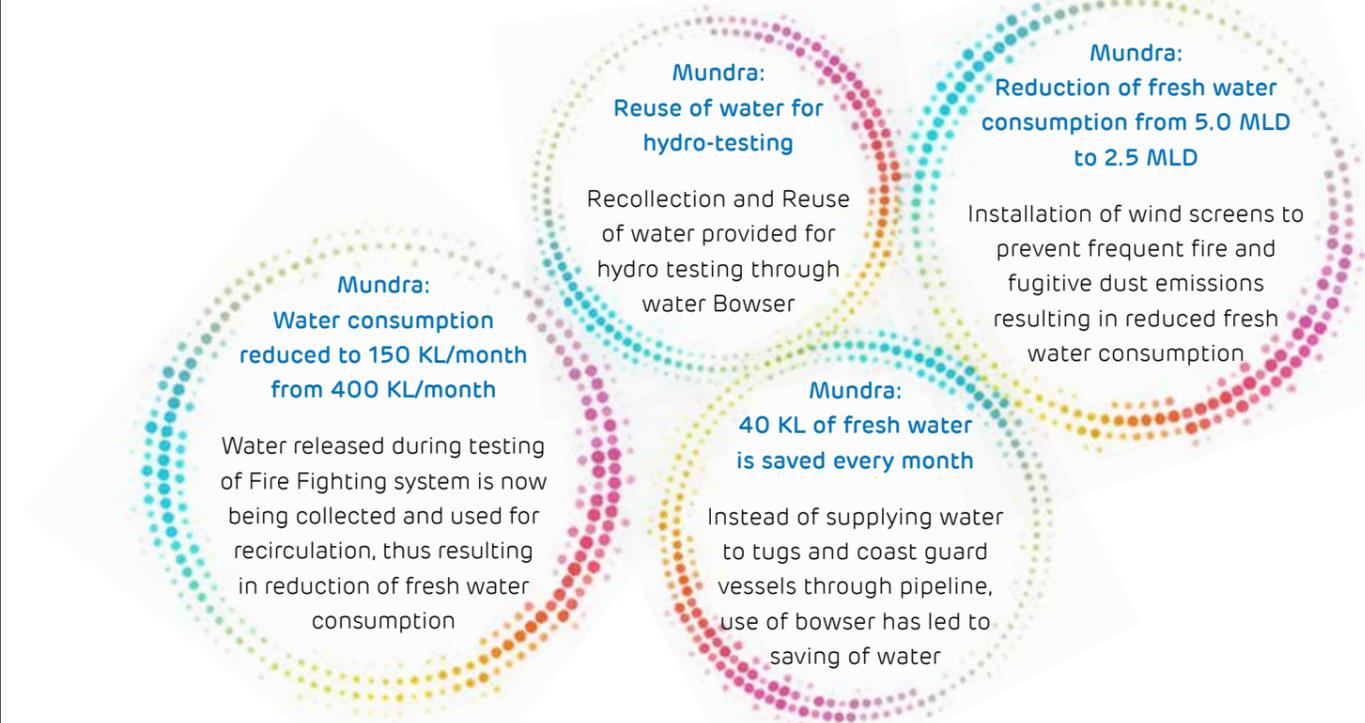


to re-use at different locations within the ports after appropriate treatment in ETP and STPs. Approximately 5% of treated wastewater has been used for plantations and for greening activities during FY 2017 at all the ports collectively, thereby reducing the fresh water consumption.

For capturing the water consumption and waste water data, we have water meters installed at various locations at the port and the data is based on actual figures maintained by the Environment department.

As far as the sources of water is concerned, surface water accounts for major consumption at all our locations. In Dhamara, a small part of water consumption was also met by ground water sources.

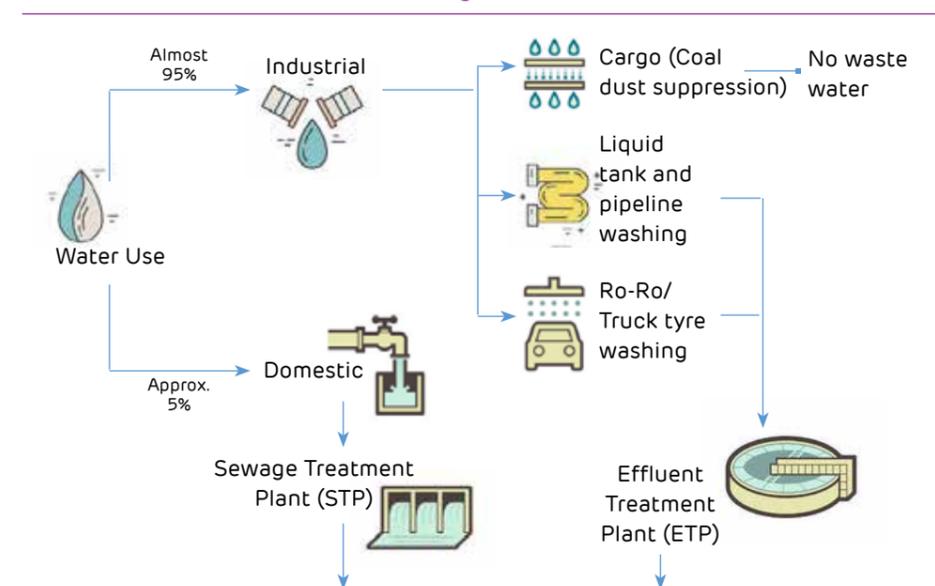
Water Conservation Initiatives



During the previous reporting period, APSEZ had installed three 'water-free urinals' at Mundra port on a trial basis. Having successfully tried these out, APSEZ has installed another 76 'water-free urinals' at Mundra and Hazira locations leading to substantial water conservation during FY 2017.

76 water-free urinals installed at Mundra and Hazira

Water Management Process



Treated water is entirely reused for horticulture purpose; there is no discharge of water!



Sea Water Management

In order to maintain the quality of sea water at ports the following is ensured:

- All wastewater generated is treated in decentralised treatment plants and reused for in-house horticulture purpose. No wastewater is discharged into the sea.
- Dredged material is used for reclamation / level raising within the project area. After settling of the dredged spoil, excess water carrying silt returns to the sea and it does not carry any impurities.
- Monthly sampling and analysis is carried out along the entire waterfront where all operations are carried out. Analysis is done for physico-chemical, biological and microbial parameters. The monitored data is recorded and submitted to the concerned statutory authorities as part of six monthly compliance reports.

Oil Spill Preparedness

APSEZ has a well-trained and fully equipped Marine department which is responsible for combating Oil Spill at sea. They have been trained by authorised agencies for carrying out Oil Spill response activities. APSEZ has a valid Oil Spill Contingency Plan which has been approved by the Coastguard. The Marine team at APSEZ conducts regular mock-drills for Oil spill contingencies independently and in conjunction with various government agencies.

The 6th NATPOLREX, a national level Oil Spill Response Exercise which is aimed at testing the readiness of the Pollution Response Teams of Indian Coastguard (ICG) and other Oil Handling and Resource Agencies was carried out at Mundra last year on 21st December 2016. The aim of the exercise was to integrate and validate Oil Spill response at sea and shoreline response preparedness.

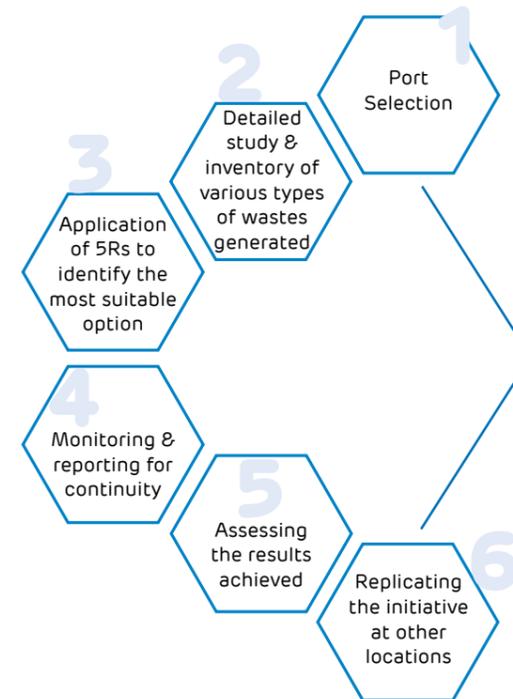
Waste Management

APSEZ has continued devoting efforts towards its vision for Zero Waste by implementation of 5R principles of waste management (Reduce-Reprocess-Reuse-Recycle & Recover), aligned with Prime Minister's 'Clean India Mission'. At APSEZ, there are two approaches of dealing with the environmental impacts:

- Adopting strategies to minimise impacts during operations
- Adopting appropriate means of waste management using 5R principles.

Effective waste management plan incorporating methods for waste minimisation and appropriate 5R techniques was put in place by APSEZ at Mundra and Hazira ports during the previous reporting period. This has been extended to Tuna, Dahej, Dhamra and Goa ports as well during FY 2017 for appropriate waste minimisation, segregation and better waste management. The waste management plan has been given full support and commitment by the top management.

The dedicated waste management plan entails following key steps:

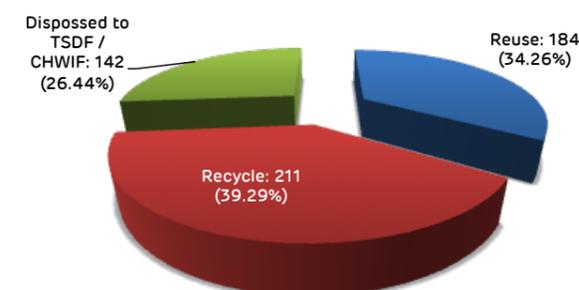


With respect to compliance and waste management practices, the topic is material for the regulatory authorities as well as all the port locations. Besides, it is also important for the vendors in the value chain of APSEZ, as the way they dispose-off/recycle/reuse the waste material collected from port premises determines the complacency of overall waste management plan adopted by the organisation.

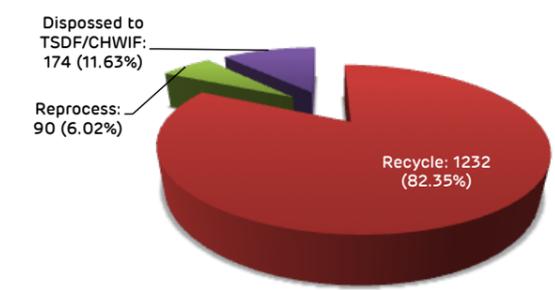
During port operations different kinds of hazardous and non-hazardous wastes are generated. Hazardous wastes generated at ports include pig waste, cotton waste, used oil and tank bottom sludge while non-hazardous wastes include paper, plastic, metal, glass and rubber and scrap. 1,496 metric tonnes of non-hazardous waste and 537 MT of hazardous waste was disposed during the reporting period. The details of various wastes generated along with their disposal method has been given in the table below:

	Reuse	Recycle	Reprocess / Composting	Landfill to TSDF	Incineration to CHWIF
Non-Hazardous Waste (MT)	0	1232	90	174	0
Hazardous Waste (MT)	184	211	0	8	134

Disposal of Hazardous Waste (MT, percent)



Disposal of Non-Hazardous Waste (MT, percent)



Sustainability Framework

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Management System

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Giant Leaps Forward

Ecological Balance

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Water Management

Waste Management

Achieving together

Working with Care

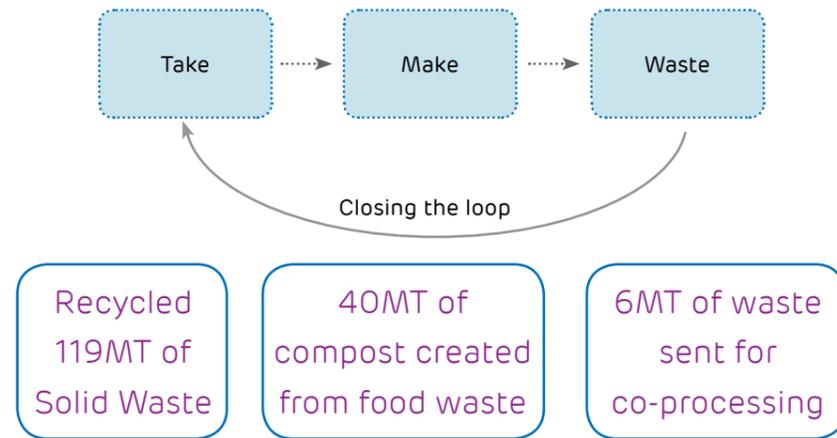
Responsible Value Chains

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Waste to Wealth



Digressing from the conventional approach of "Take, Make, Waste", APSEZ has moved to embrace the concept of "Closing the loop" where waste is considered as a resource which can be used judiciously to create wealth.

APSEZ in its endeavour to become a Zero Waste organisation has taken a number of initiatives to Reduce, Reprocess, Reuse, Recycle and Recover waste. From April 2016 to March 2017, APSEZ has successfully recycled 119 MT of Solid Waste, created compost of 40 MT from food waste and have sent 6 MT of waste for co-processing.



Reduce

Active supporter of Digital India, APSEZ has reduced the use of paper in its daily operations. We have taken a **Paperless office initiative** which has enabled us to **save 23,524 kg paper since Feb 2016**.

This has been made possible by introducing new systems in addition to improving some of the existing ones. For instance, the transition from paper base workforce management to an online workforce management system. This process alone reduced the consumption of approx. 1 lack papers a month. Other initiatives such as thermal printing for gate pass at Mundra and SMS-based gate pass for truck drivers, have been implemented. In areas where it is necessary to use paper, APSEZ has

substituted tree-free paper. Instead, agro-based products such as wheat straw is used in manufacturing of paper.

On June 2016, APSEZ launched another drive to eliminate the use of plastics at Mundra and Tuna ports. As a result the use of plastic commodities including polythene bags, water pouches, tea cups and food parcel containers reduced and the use of alternatives such as cotton bags, increased.

44 tonne paper saved since February 2016

Reprocess

APSEZL generated 1.2 MT of organic waste per day from port canteens from occupants of Samudra Township and Shantivan Colony. In order to divert this waste from landfill, APSEZ has taken up a pilot project and installed a small-scale biomethanation plant at Kishan Kanaiya Canteen near MRF Site, Mundra. Energy generated is utilised in the same canteen. Considering the success of the project, APSEZ has planned to establish a large scale plant at the central kitchen location. This plant will be sufficient to manage 1.2 MT food waste generated from the central kitchen, townships and cafeterias of the Port.

APSEZ has also developed a pilot scale vermicomposting facility at Samudra township STP area to manage the composting of food waste, STP sludge and soil material/dung. With a successful trial of composting of 8:1:1 ratio of dung, sludge and food waste, high quality saleable manure is prepared.

Gas Generation Capacity (m ³ /day)	2.0
Kg of kitchen waste feed/day	15
Estimated cooking time (hour)	4

Recover

APSEZ has established a Material Recovery Facility for environmentally sound management of Dry Solid Waste. Presently manual sorting is being done for sorting of different types of solid waste. Sorted out different stream of recyclable material – paper, plastic, cardboard, PET bottles, glass, etc – is sent for recycling. Whereas remaining non-recyclable waste is bailed and sent to cement plant for co-processing as RDF (Refused Derived Fuel).

Recycle

Approximately 5 MT of e-waste is generated each year from port and residential colonies. This includes used gadgets and electronic equipment like computers, laptops, etc. These are recycled as per norms by authorised agencies.



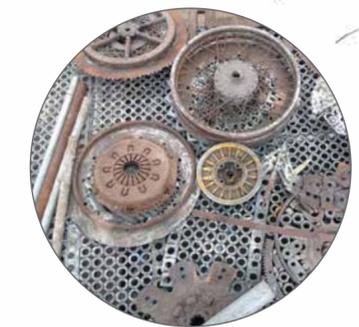
Bioneer for composting of Organic Waste

Reuse

APSEZ generated different types of scrap materials such as conveyor belt, Empty plastic barrels, GI sheet, used tyre, Tarpaulin, waste oil, wire rope and wooden ply scrap etc. All these scrap materials have been used to develop various sculptures. These sculptures are placed at various locations at APSEZ, Mundra port adding to the aesthetics of the place. During the reporting period 6 such sculptures were prepared using metal & Tyre scrap.



From Litter... ..to Glitter





Achieving Together

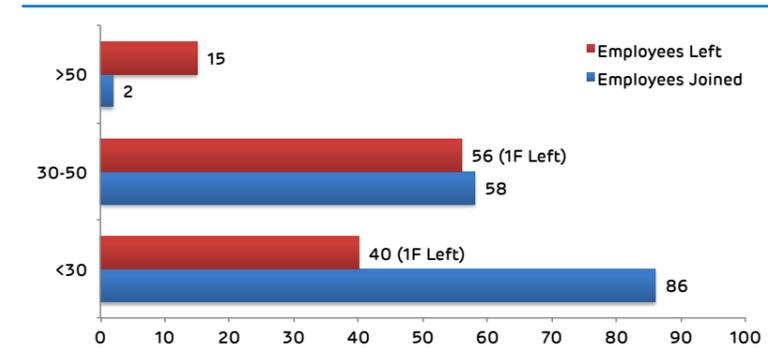
Employees are our most valuable asset and it is through their hard work, diligence and perseverance that APSEZ is able to carve a niche for itself in this challenging business landscape. Our employees are our biggest strength. For us the parameters of growth are not only limited to achieving profits but also closely linked to employee development. We believe in growing together. As on March 31st, 2017 we are a family of 1870 proud Adanians (1860 males and 10 female employees including 1 differently-abled employee). Out of these employees 389 operate from our corporate office. 1434 contractual employees (1428 males and 06 female employees) were hired during the reporting period. A significant portion of our activities such as horticulture, construction activities, loading-unloading the cargo, stevedoring etc. are performed by temporary workers employed on short service contracts.

Permanent and contractual employee details by gender and region:

Region/Gender	Mundra	Dahej	Dhamra	Goa	Hazira	Tuna
Total (Permanent)	966	132	121	29	196	37
M (Permanent)	964	132	119	29	196	37
F (Permanent)	2	0	2	0	0	0
Total (Contractual)	923	63	108	6	283	47
M (Contractual)	923	63	102	6	283	47
F (Contractual)	0	0	6	0	0	0

Each employee at APSEZ shares a common purpose and collectively works towards achieving a common objective. Over the years we have grown both in scale and scope. During the reporting period 146 new employees joined us and 111 employees bid adieu.

Attrition at APSEZ 2016-17



New Hire	Gender	Dahej		Dhamra		Goa		Hazira		Mundra		Tuna	
		J	L	J	L	J	L	J	L	J	L	J	L
<30	M	6	1	14	1	1	1	16	9	43	27	6	0
	F	0	0	0	1	0	0	0	0	0	0	0	0
30-50	M	0	1	10	7	4	2	11	5	31	36	2	4
	F	0	0	0	1	0	0	0	0	0	0	0	0
>50	M	0	0	1	4	0	0	0	0	1	11	0	0
	F	0	0	0	0	0	0	0	0	0	0	0	0

J - Joined; L - Left

Although we constantly search for talented and creative individuals, our focus remains to grow talent from within; enabling us to create a team of motivated leaders and employees to accomplish Adani Vision and Goals and to drive GROWTH & SUSTAINABILITY by leveraging their full potential.

To introduce new employees to the organisation, an initiative 'Parth-Sarathi' was launched. It is a structured induction and training programme designed with an objective to improve the wellbeing and productivity of employees. This provides a platform to the employees to imbibe ethics, values and culture of the organisation.

APSEZ has a multi-channel hiring process that enables hiring through various avenues including job portals, employee references, external consultants and relevant industries. On being shortlisted, the candidate undergoes an interview with a panel of experts before final selection. The systems and

processes related to hiring, promotion and other growth opportunities are non-discriminatory and transparent. Discrimination of any kind based on age, gender, race, religion or caste is strongly discouraged at APSEZ. There have been no reported cases of discrimination during the reporting period.

APSEZ strives to create a workplace where employees are treated with dignity and respect. During the reporting period a survey known as "Respect and Dignity survey" was launched. It was based on observable behaviours of the employees. Through this survey employees were given the opportunity to both receive and give feedback to their reporting managers and co-workers observable behaviours related to respect and dignity. In addition APSEZ allows its employees to express themselves and raise concerns. The issues are addressed by employees through common platforms as a result there are no trade unions at APSEZ. There are various committees such as health and safety committee to address employee concerns.

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Materiality and Stakeholder Inclusiveness

Giant Leaps Forward

- Ecological Balance
 - Energy & Emissions
 - Water Management
 - Waste Management

Achieving together

Working with Care

Responsible Value Chains

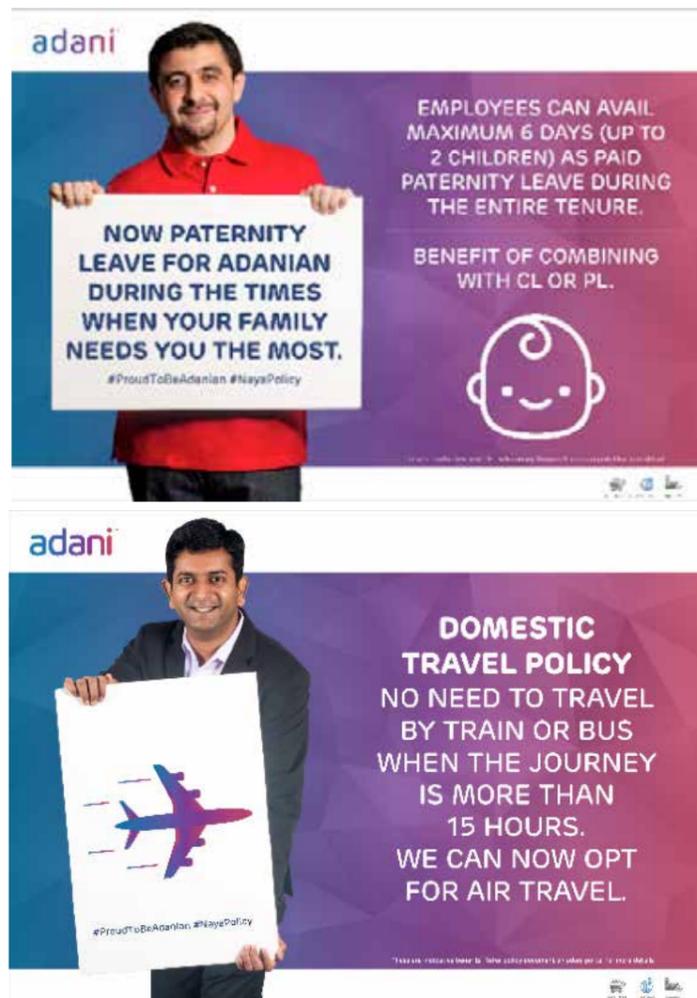
Ripples of Change

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'Vartalap: the Annual meeting' and 'Town Hall Meetings' continue to provide a platform for employees to engage with the Top Management. During the reporting period 5 Town Hall meetings were conducted at Mundra, Dhamra and Ahmedabad. Close interaction with almost 1500 employees encouraged sharing of experiences and thoughts. Based on feedback, specific HR initiatives were launched. For instance, new people-related policies were developed and were appreciated by the employees.



After the implementation of the new paternity Policy, 35 employees took paternity leave during the reporting period and resumed work thereafter.

APSEZ encourages its employees to perform better and aspire to achieve greater heights in their career. Regular performance appraisal is a medium through which performance of employees is assessed on the basis of certain parameters and discussions regarding trainings and skill development are undertaken. During 2016-17, 100% employees on the pay-roll at the ports have undergone the annual performance appraisal.

APSEZ encourages a culture that nurtures talent, provides opportunities to learn, unlearn and relearn. We understand that constant upgradation of skill and knowledge is a crucial prerequisite for all professionals to excel in their jobs. At APSEZ, employees are given liberty to choose their career paths and we act as a catalyst in helping them realise the same.

APSEZ focuses on providing and honing the right skills for its employees. In line with this, unique customised workshops are conducted. One such workshop 'Hire Right Hire bright' was conducted with an aim to enhance competency of hiring managers. Other workshops on issues such as building HR capacities, were also conducted.

Holistic development of our employees is given prime importance at APSEZ. This year we have initiated a structured training-needs-identification process to identify training needs of all our employees.

In a first of its kind endeavour to improve coverage and quality, we have published a consolidated calendar for technical and behavioural programmes across all locations, enabling employees to leverage from a wide range of learning opportunities.

During 2016-17 training programmes were organised for employees and contractual workforce. Details of training hours are as follows:

Category	Gender	No. of Employees	Avg. Training hours/Employee
Employees	Male	1860	27.29
	Female	10	12.10
Contractual	Male	1428	12.13
	Female	6	13.33

APSEZ has developed a framework to strategically plan the development of an individual employee. As a long term strategy, APSEZ will focus on these 6 pillars of capacity development to align with business requirements.



APSEZ equips its employees with such skills that in addition to improving their work performance, also builds their capacity, enabling them to manage their career endings resulting from retirement or termination of employment. Trainings programmes are conducted in technical and non-Technical areas such as courses on soft skills, Technical trainings including pump & compressor; Operation & maintenance, Container lashing etc.

During the reporting period various programmes were conducted for employee well-being under IPAD (Inner peace for advanced determination, and IPOD (Inner peace for outer-determination).



The data has been compiled as per the records available with Human Resource Department and Users Department



Working with Care

At APSEZ, Occupational Health and safety is not a set of rules. It is a way of life for us. It is about imbibing a culture where safety is given prime importance. This culture drives down from a proactive and committed leadership at the Pinnacle under whose guidance the Occupational Health and safety policy was developed and implemented.

APSEZ aspires to become a globally admired OHS leader in Infrastructure space. With state of the art technology, systems and streamlined processes, APSEZ has worked its way to implement a world class OHS framework. During the reporting period ports at Dahej, Dhamra, Tuna and Goa successfully implemented the integrated management systems whereas Ports at Mundra and Hazira were recertified to IMS.

In order to inculcate a safety behaviour, various initiatives are taken by the management. In addition to Safety walk the talk, SMS (Safety Management System), Monthly OHS Newsletter "Sparsh" various other initiatives were taken during the reporting period. Some of the initiatives includes:

OHS Shikhar, a biannual event when all the OHS fraternity at APSEZL comes together and share their experiences and the challenges faced while facilitating implementation of various aspects of Occupational Health and Safety, SMS and IMS Implementation, Behaviour Based Safety, Cost of accidents etc. from their respective work places. During 2016-17, OHS Shikhar programmes were organised at Dahej and Dhamra Ports.

During the reporting Period the OHS team came up with the OHS calendar with an aim to plan out yearly OHS campaigns /activities in advance. In addition OHS incident learning quiz (WWW Competition) is one of many initiatives to ensure that the reason for every serious incident is understood by all stakeholders at

APSEZ and subsequently the wrong practices are replaced by the right and safe practices at all locations, so that we do not have any incidents and nobody suffers an injury at any of our locations for the same reason.

Being an active space, in port sector a number of operations including container lifting, shifting and transferring of shipped goods etc. takes place simultaneously. Considering this workers are exposed to various risks such as road traffic, handling of hazardous materials, cargo handling, hot work, chemical handling etc. which may render them prone to various occupational diseases and serious body injury unless proper care is taken & adequate precautions observed. As a step towards injury and accident prevention, APSEZ equips all employees with the necessary skills to execute their duties / tasks in a healthy and safe manner by imparting trainings like basic safety training, material handling, chemical handling, followed by job specific training and certification. Training needs are identified through training matrix that takes into account the current function, risk profile, accident history, statutory requirements and previous training to employees. Based on the details collected customised training programmes are designed.

Various training programmes that are conducted includes Behaviour based safety training, OHS legal requirements, HSE Management systems, First aid and emergency response, accident investigation etc.



Region	Injury Type	Injury Rate (IR)		Occupational Disease Rate (ODR)		Lost Day Rate (LDR)		Absentee Rate (AR)		Fatalities	
		2015-16	2016-17	2015-16	2016-17	2015-16	2016-17	2015-16	2016-17	2015-16	2016-17
Dahej	LTI	0.52	0.39	0	0	1037	9	0	0	0	0
Dhamra	LTI	0.00	0.18	0	0	0	25	0	0	0	0
Goa	LTI	0.00	0.00	0	0	0	0	0	0	0	0
Hazira	LTI	0.23	0.07	0	0	936	444	0	0	2	1
Mundra	LTI	0.26	0.21	0	0	2	147	0	0	0	1
Tuna	LTI	0.23	0.19	0	0	3	0	0	0	0	0

There were no reported cases of any occupation-related ailments at any of the locations. Despite our various efforts, unfortunately 2 fatalities had taken place amongst our contractual workforce – one each at Mundra & Hazira Ports. The information for accident statistics etc. is captured as per national and international applicable laws and regulations such as factories act.

APSEZ is proactively working on Health & Safety monitoring & reporting as well as devising various programmes & policies for continual improvement in Health & Safety performance.



Responsible Value Chains

The supply chain decisions by the organisation determines its success to a large extent. It is vital to both business and economy. In the current business landscape, it becomes imperative for the organisations to transfer skills and knowledge to its supply chain leading to multiple benefits to the business, society and environment.

APSEZ closely works with its suppliers and vendors to ensure that they are equipped to deal with issues relating to carbon emissions, work safety, and fair wages. To the extent possible it tries to mitigate the impact of its supply chain on the society and environment.

APSEZ has a systematic process known as 'Vendor Relationship Management' (VRM). This involves 3 steps – vendor identification & on-boarding; vendor performance management; & vendor issue management. Vendor Identification process requires multiple

levels of screening to ensure that capable & potentially capable vendors are selected to provide a service categorised by the level of criticality.

As a responsible business partner APSEZ screens its new suppliers on various sustainability parameters including social and environmental criteria. During the reporting period 697 new suppliers commenced their journey with us. 100% of them were screened on social issues such as child labour, discrimination etc. along with environmental issues such as effluents, wastes, environmental compliance etc.

Regular monitoring of the suppliers/ vendors performance is carried & feedback is provided to help them improve their performance. At APSEZ, Value Relationship Management is a key to optimise value through cost reduction, innovation, risk mitigation, & continuous growth achieved by working

in collaboration, to meet the business objectives. Performance evaluation of 31 "A" category suppliers (Suppliers with whom the business volume is higher according to spend analysis) was conducted in coordination with users and operations teams for various sustainability, EHS and Operational aspects. There also exists the process of vendor blocking and blacklisting which is well documented in Agile and Ignite process documents. In the year 2016-17, none of our vendors / suppliers has been terminated. There have been no changes in the location of suppliers, the structure of the supply chain during the reporting period.

APSEZ communicates with its suppliers on a regular basis through a formal communication channel including vendor meets, group discussions etc. During these meetings the concerns facing the suppliers are discussed and corrective actions are taken accordingly. In the FY 2016-17, 136 suppliers were engaged. Engaging with supplier's results in an increase in business efficiency in addition to better vendor relations. During the year 2016-17 APSEZ successfully Annual Vendor Meet as a part of stake holder's engagement process. A Vendor satisfaction survey was conducted in order to measure APSEZ performance towards it's vendor covering more than 80 vendors. APSEZ was rated at average 4.4 in overall score and 4.5 in CSR and EHS criteria on the scale of 1 to 5.

APSEZ considers "India" as local. Since our ports are spread across the country, we have common suppliers spread across the country.

Procurement budget used for significant locations of operation

Location	Local Procurement Budget (Rs. Crore)
Mundra	490
Tuna	24.3
Goa	28
Dhamra	194
Dahej	44.6
Hazira	112.8
TOTAL	893.7

APSEZ has also got the process of vendor grievance redressal as a part of vendor relationship management process well documented in its Agile Process documents.

There is no significant change w.r.t. supply chain of APSEZ in the current reporting period. In future new suppliers will be added to our supply chain depending upon the expansion plans

By engaging with the supply chain APSEZ has moved from the conventional service driven supply chain strategy towards a more comprehensive concept where profits and social-environmental benefits are realised simultaneously.

In a vendor satisfaction survey covering more than 80 vendors, APSEZ received an overall rating of 4.4 and of 4.5 in CSR and EHS criteria on a scale of 1 to 5



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Ripples of Change



APSEZ is driven by its vision to improve the quality of life of the communities. It works to fulfil a broader objective of inclusive development. Its well-defined CSR Policy gives an essence of the company's commitment towards the society. The CSR committee is responsible for monitoring the implementation of the CSR policy and plan. During FY 2017 the Company spent 47.78 Crores on CSR activities aggregating 2% of average profit for the previous three years with respect to standalone financial statements.

APSEZ through the Adani Foundation has been working on various thrust areas that it believes need immediate attention – Education, Community Health, Sustainable Livelihood Development and Rural Infrastructure Development. Within these four thrust areas, the projects and activities are planned in consultation with the beneficiary groups and local communities.

A structured process to identify the needs of the community is carried out through participatory rural appraisals, village development committee meetings, and local level consultations. During the reporting period the communities were engaged

through focused group discussions. This helped us design/improve the existing community development programmes with an objective to meet their needs in an efficient manner. A need assessment study was conducted at Mundra, Hazira, Dahej and Dhamra. Some of the concerns raised by the villagers include the need for sports Infrastructure at Hazira & Dahej, transport facility for schools at Hazira, availability of potable water & sewage system for villages near Dahej. Villagers also require training in areas specific to local foods such as papad making, etc.

To streamline the process the company has devised a decentralised approach for CSR. It has different teams working at different levels. At the apex is the senior level corporate CSR team followed by the CSR Unit Head who works with Project Officers and Community Mobilisers (CM). These project officers and CMs engage with the communities at the ground level, understanding their needs and concerns. To make the

initiatives more relevant, the unit adopted a cluster based and domain specific approach.

The CSR Unit is supported by committees constituted to give direction to an effective CSR model. Village development committee and cluster development advisory committee form an integral part of most initiatives. All The communities within the vicinity of 10 km around the port operations are covered under our community development programmes. In addition APSEZ is involved with multiple activities pan India.

During the reporting period, APSEZ conducted an impact assessment for the activities carried out at Mundra, Hazira & Dahej covering a large number of people from the community. The batch included women, children, people with disability, ST/SC etc. The objective of the study was to gauge the impact that APSEZ has been able to make in the lives of the people through its initiatives in its thrust areas.



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CEO's Vision

Values, Ethics & Integrity

APSEZ: Integrating Scale, Scope & Speed

Leading the Way

- Sustainability Governance
- Risks & Compliance Management System

Materiality and Stakeholder Inclusiveness

Giant Leaps Forward

Ecological Balance

- Energy & Emissions
- Water Management
- Waste Management

Achieving together

Working with Care

Responsible Value Chains

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Imparting Knowledge



The Foundation believes that Education is the stepping stone to improve the quality of life. Adani Vidya Mandir (AVM) Ahmedabad and Bhadreshwar provide "Free of Cost" quality education to the deserving young minds coming from the weaker economic backgrounds. Currently, AVM, Bhadreshwar is empowering 395 meritorious students with primary education out of which 137 students belongs to fisher-folk communities.

Adani Public School in Mundra, established in 2001 now caters to of 1480 students from nursery to 12th standard. The school provides value based quality education and is affiliated to the CBSE board. The school was awarded the prestigious International School Award by British Council

At Hazira, Navchetan Vidyalaya, has gained recognition with 304 enrolments with 50% Female students. The school is equipped with Smart Classes, sports ground and other amenities that are required for student's overall development. DPCL DAV

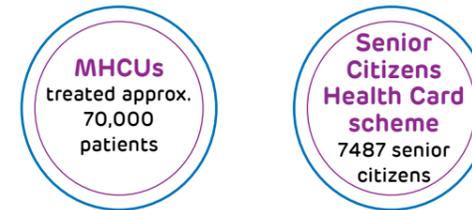


Public School, Dhamra supported by Adani Foundation is providing quality English medium education at a subsidised cost to the students from the periphery villages. Apart from this the Foundation has initiated and implemented several educational programmes aiming at improving quality of education in the government schools.

Besides these ongoing projects, APSEZ through Adani Foundation entered into an agreement with Kalinga Institute of Social Science for building a residential school for a thousand tribal students from Baripada area of Odisha.



Community Health



In its endeavour to provide affordable and accessible health care to all, the Foundation has established rural clinics in its functional areas. Mobile Healthcare Units (MHCU) have been deployed to cater to the health needs of the remote rural areas. Till date MHCUs have provided approximately 70,000 treatments at Mundra, Dahej and Dhamra ports. In addition, The Foundation has facilitated awareness campaigns, medical support, primary health care and financial assistance benefitting un-privileged patients in Mundra, Dahej, Dhamra and Hazira.

In one of its kind scheme, Foundation has provided senior citizens with a Senior Citizen Health Card. The scheme primarily focusses on the rural senior citizens with a quest to support them with necessary health based assistance. The Senior Citizen Health Card scheme currently is spread across 66 villages in Kutch District with a total of 7487 senior citizens.

In Dahej, Foundation conducts Hygiene and Sanitation awareness drives with School & Aanganwadi Children and Adolescent girls. These campaigns directly benefitted more than 4000 students from 11 schools and 13 aanganwadi, who will take these messages to their families and communities.



Sustainability Framework

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APSEZ through Adani Foundation and Adani Skill Development Centre (ASDC) is working towards building capacities of the people in the community. Its various training programmes are designed keeping in mind the needs of each group in the society including women-folk, youth, etc. In the year 2016-17, ASDC trained 2986 candidates out of which 578 were women. Most of the trainees trained at ASDC have been able to secure jobs in various organisations. The fisher-folks have been provided with employment during non-fishing months through trainings on mangrove plantations and avenues of painting works to generate alternate source of income. A total of 3375 and 5068 man-days of employment, in mangrove plantation and painting works respectively, have been provided to the community members during the Financial Year. Apart from these, 2285 fishermen have benefitted through various welfare and support programme of the Foundation. Exposure visits and trainings have been initiated in Preparatory phase for introduction of cage culture and poly culture as alternative livelihood for fisher folk at Mundra.

APSEZ through adani foundation also supported Self-Help Groups (SHGs) to empower women in rural areas. At Mundra six SHGs are producing various cleaning materials and two groups at Hazira have started Upahaar canteen services for truckers. Dhamra groups are involved in production of handicrafts.



APSEZ is supporting the community with the infrastructure development. Based on the needs of the community various village development activities are designed, planned and built for the betterment of education, community health & sanitation, Water conservation and in turn improving living standards of the communities. During the reporting period an amount of Rs. 14.24 crores out of the total CSR expenditure was spent on Rural Infrastructure Development. The services provided are primarily for the benefit of the community.

Some initiatives such as construction of Individual household toilets, safe drinking water facilities have been built for the benefit of the community. In addition based on the requirements of a particular area construction activities are undertaken. During the reporting period 140 shelters were refurbished and a road measuring 2300 meters was developed at Juna Bandar.

Adani Foundation during 2016-17 hastened the process of construction of a new school building for ADANI-DAV Public school on a land measuring 21655 Smt. at Kuamara village at Dhamra site. The works of landmark school building in the district is nearly completed. It is expected to complete in July 2017.

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Swachhagraha is inspired by India's first and the largest mass movement Satyagraha led by Mahatma Gandhi. In line with the Honourable Prime Ministers "Swachh Bharat Abhiyan". APSEZ has initiated project "Swachhagraha". The core focus is to create a Culture of Cleanliness amongst the citizens with a special emphasis on the younger population that has the potential to act as agents of change.

CEE- Centre for Environment Education, a Centre of Excellence supported by the Ministry of Environment and Forests, Government of India was roped in as knowledge and implementing partner for the school intervention programme.

To reach out to mass audience, various campaigns were launched to generate

awareness on cleanliness amongst the community as an acknowledgement of uniqueness of behaviour change communication, Swachhagraha has also featured on UNESCO green initiative website.

A plan is in place to launch Swachhagraha across 15 more states during the coming year.



Swachhagraha has been implemented in 6 cities & 3 towns of Gujarat. During the year more than 650 schools are active as Swachhagraha Schools with over 13,500 active Swachhagrahis (a person who practices Swachhagraha). And 1350 Preraks in Gujarat state. The awareness and behaviour change communication has reached to almost 325,000 students and outreach to community is more than 150,000. More than 70 schools from 15 states are implementing Swachhagraha too. Under the school intervention programme, a gambit of activities took place including essay writing competitions, online campaigns such as 'Safai ke Sitare', 'Gandagi se Azadi', etc.

Udaan is a project inspired by the life-changing story of Mr. Gautam Adani, the Chairman of the Adani Group.

Under this project, a free-of-cost exposure tour is organised wherein students are given a chance to visit the Adani group facilities such as Adani Port, Adani Power & Adani Wilmar facilities at Mundra, Hazira, Kawai, Tiroda, Dhamra and Udupi, to get an insight into the large-scale business activities carried out there. The primary objective is to encourage young minds to develop an interest in all sorts of enterprises and to encourage them to dream big in life. The Adani Foundation believes that when young students are given exposure, it helps them to understand their own potential and get motivated to work towards the same.

Presently project Udaan is inspiring students/ participants at Mundra (Gujarat), Hazira (Gujarat), Kawai (Rajasthan), Tiroda (Maharashtra), Dhamra (Odisha) and Udupi (Karnataka).



After successful launching at Mundra on Dec 2010, 1.96 lakhs students/participants inspired till March 2017 including all the six locations PAN India.

In FY 2016-17 almost 25000 students and 1490 teachers from 364 educational institutes have been benefitted through Udaan at port sites of Mundra, Hazira and Dhamra.

SAKSHAM

'SAKSHAM' is an initiative of Adani Skill Development Centre to bring World Class Skills Trainings to Indian Youth through partnerships with various Corporates and other organisations.

Various Adani group companies have extended support to this initiative. Job opportunities are also provided to suitable candidates.

One such training programme was conducted with support from Adani Gas Ltd. Under the training programme candidates were imparted customised and specialised training on PNG connections to expand City based Gas Grid Network of Adani Gas Ltd. 23 trained candidates are employed

and working to expand the City based Gas Grid Network of PNG connections of Adani Gas Ltd.

Adani Skill Development Centre has set a target of making 3,00,000 Indian Youth "SAKSHAM" on various trades by 2022. Towards this, ASDC signed an MoU with National Skill Development Corporation (NSDC) in presence of Hon'ble Prime Minister of India, Shri Narendra Modi and Shri Rajiv Pratap Rudy (Hon'ble Minister of State Skill Development & Entrepreneurship) on 19th December 2016. ASDC also signed an MoU with Government of Gujarat to establish 2 Skill Development Centres in Gujarat on 12th January 2017 during Vibrant Gujarat 8th Global Summit 2017.



'SAKSHAM' is now being expanded to 8 different locations in India. This programme is being supported by Adani Gas Ltd. and Indian Oil Adani Gas Pvt. Ltd.

ASDC is moving in the direction phase-wise. In the First Phase Ahmedabad, Mundra & Surat in Gujarat, Tiroda in Maharashtra, Surguja in Chhattisgarh, Vizhinjam in Kerala and Indore & Bhopal in Madhya Pradesh are targeted to be operational by end of 2017.



SuPoshan project aims at working with pregnant women, lactating mothers & children 0-5 years of age and adolescent girls as well as reproductive age women in general. Sangini, a village health volunteer plays a pivotal role in spreading awareness, referral and promoting behaviour change among target groups for achieving project objectives of curbing malnutrition and anaemia.

After Training of Trainers during May 2016, SuPoshan is being implemented at 10 business sites covering 232 villages and 5 municipal wards. The project has selected 194 Sanginis and build their capacity for household survey, taking anthropometric measurement, identification Severely Acute Malnourishment (SAM) & Moderate Acute Malnutrition (MAM) using 'Measurements of mid Upper Arm Circumference' (MUAC) tapes. Sanginis were also trained for conducting focused group discussion and family counselling for behaviour change.

148 children are referred to government facility of Child Malnutrition Treatment Centre. Out of which, 120 children have moved to healthy status successfully and remaining are still undergoing the treatment.

412 SAM children are receiving 'Ready to Use Therapeutic Food' (RUTF) for home-based treatment under 'Community Management of Malnutrition' approach.

From October 2016, HB screening of Adolescent girls and women has started using non-invasive technique with apparatus touchHB. So far, 8933 women and 8948 adolescent girls have been screened.





INDEPENDENT ASSURANCE OPINION STATEMENT

Statement No: SRA-IND-660807-2

Adani Ports and Special Economic Zone Limited Sustainability Report 2016-17

The British Standards Institution is independent to Adani Ports and Special Economic Zone Limited (hereafter referred to as "APSEZL" in this statement) and has no financial interest in the operation of APSEZL other than for the assessment and assurance of this report.

This independent assurance opinion statement has been prepared for APSEZL only for the purposes of assuring its statements relating to its sustainability report, more particularly described in the Scope, below. It was not prepared for any other purpose. The British Standards Institution will not, in providing this independent assurance opinion statement, accept or assume responsibility (legal or otherwise) or accept liability for or in connection with any other purpose for which it may be used, or to any person by whom the independent assurance opinion statement may be read. This statement is intended to be used by stakeholders & management of APSEZL.

This independent assurance opinion statement is prepared on the basis of review by the British Standards Institution of information presented to it by APSEZL. The review does not extend beyond such information and is solely based on it. In performing such review, the British Standards Institution has assumed that all such information is complete and accurate.

Any queries that may arise by virtue of this independent assurance opinion statement or matters relating to it should be addressed to APSEZL only.

Scope

The scope of engagement agreed upon with APSEZL includes the following:

1. The assurance covers the whole Sustainability Report 2016 of APSEZL prepared "In accordance" with GRI Standard – Core option, and focuses on systems and activities of APSEZL and its port operations at Mundra, Hazira, Dahej & Dhamra and the terminals at Tuna and Marmugoa during the period from 1st April 2016 to 31st March 2017.
2. The AA1000 Assurance Standard, AA1000AS (2008) Type 2 engagement evaluates the nature and extent of APSEZL's adherence to all three AA1000 AccountAbility

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Principles: Inclusivity, Materiality and Responsiveness. The specified sustainability performance information/data disclosed in the report has been evaluated.

Opinion Statement

Our work was carried out by a team of sustainability report assurers in accordance with the AA1000 Assurance standard, AA1000AS (2008) and GRI Standard. We planned and performed this part of our work to obtain the necessary information and explanations we considered to provide sufficient evidence that APSEZL's description of their self-declaration of compliance with the GRI Standard were fairly stated.

We conclude that the APSEZL Sustainability Report 2016 Review provides a fair view of the APSEZL's CSR programmes and performances during 2016. We believe that the 2016 economic, social and environment performance disclosures are fairly represented. The sustainability performance disclosures disclosed in the report demonstrate APSEZL's efforts recognized by its stakeholders.

Methodology

Our work was designed to gather evidence on which to base our conclusion. We undertook the following activities:

- A top level review of issues raised by external parties that could be relevant to APSEZL's policies to provide a check on the appropriateness of statements made in the report
- Discussion with senior executives on APSEZL's approach to stakeholder engagement. We had no direct contact with external stakeholders
- Interview with staff involved in sustainability management, report preparation and provision of report information were carried out
- Review of key organizational developments
- Review of supporting evidence for claims made in the reports
- An assessment of the company's reporting and management processes concerning this reporting against the principles of Inclusivity, Materiality and Responsiveness as described in the AA1000 AccountAbility Principles Standard (2008)

Conclusions

A detailed review against the AA1000 AccountAbility Principles of Inclusivity, Materiality and Responsiveness and the GRI Standard is set out below:

Inclusivity

This report has reflected a fact that APSEZL is seeking the engagement of its stakeholders through numerous channels such as client feedback review reports, client surveys, supplier workshops and an internal cross generation communication survey (through questionnaires). APSEZL essentially enables industries to expand their reach across the globe by providing a maritime route and creating a network of ports & terminals. APSEZL's major services include handling of dry bulk, break bulk, cryogenic gas, POL & liquid and container cargo, dredging & marine services including coal, crude, containers, chemicals, fertilizers, agri products, steel & project cargo, edible oil, automobiles, minerals and timber. It also provides end-to-end cargo handling solutions

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starting from anchorage, pilotage, tug-pulling, berthing, internal transport, storage and value add to evacuation by rail or road. In this Sustainability Report, material data disclosed is primarily restricted to the operations of Mundra, Hazira, Dahej & Dhamra ports and the terminals at Tuna and Marmugoa, unless otherwise specified. This report covers the stakeholder issue together with fair reporting and disclosures for economic, social and environmental information. In our professional opinion, the report covers the APSEZL's inclusivity issues. Our view of an area for improvement for the report was adopted by APSEZL before issue of this opinion statement.

Materiality

APSEZL publishes sustainability information that enables its stakeholders to make informed judgments about the company's management and performance. In our professional opinion the report covers APSEZL's material issues by using APSEZL's materiality matrix and boundary mapping. Our view of an area for improvement for the report was adopted by APSEZL before issue of this opinion statement.

Responsiveness

APSEZL has implemented the practice to respond to the expectations and perceptions of its stakeholders. It includes client survey and different feedback mechanisms to external stakeholders and internal stakeholders. In our professional opinion the report covers APSEZL's responsiveness issues, however, the future report should be further enhanced by the following areas:

- Provide further information regarding responsiveness mechanism to different stakeholders

GRI-reporting

APSEZL provided us with their self-declaration of compliance GRI Standard and the classification to align with "In accordance" - Core.

Based on our verification review, we are able to confirm that social responsibility and sustainable development disclosures in all 3 categories (Environmental, Social and Economic) are reported with reference to "In accordance" with the GRI Standard – Core option.

In our professional opinion the self-declaration covers APSEZL's social responsibility and sustainability issues, however, the future report will be improved by the following areas:

- Integrate data collection and analysis systematically between the systems established for management systems on quality, environment & safety and GRI.

Competency and Independence

The assurance team was composed of Lead auditors experienced in industrial sector, and trained in a range of sustainability, environmental and social standards including GRI-G4 and GRI Standard, AA1000, ISO10002, ISO 14001, OHSAS 18001, and ISO

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9001, etc. BSI is a leading global standards and assessment body founded in 1901. The assurance is carried out in line with the BSI Fair Trading Code of Practice.

Assurance Level

The moderate level of assurance provided is in accordance with AA1000 Assurance standard, AA1000AS (2008) in our review as defined by the scope and methodology described in this statement.

Responsibility

It is the responsibility of APSEZL's senior management to ensure the information presented in the Sustainability Report is accurate. Our responsibility is to provide an independent assurance opinion statement to stakeholders giving our professional opinion based on the scope and methodology described.

For and on behalf of BSI:

Kumaraswamy Chandrashekara
Head - Sustainability, BSI Group India

Mr Wilfred Chan
Head of Operations, BSI Asia Pacific
18 July 2017

New Delhi, India



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Way Forward

APSEZ has consistently poised itself as a sustainability leader in ports and logistic industry, while keeping its deep commitment towards nation building. Today entire Indian ports and logistics industry is witnessing paradigm shift, we are observing changes in traditional commodity basket of India, new logistics player's entrants in market, regional overcapacities and government massive investment plans under Sagarmala with the help of private players. All these developments are creating fierce competitions in market, which is going to be more intense in coming years. Going forward, our key thrust area will be Financial Management; Customer Delight; Building the Future Ready Organization and; Health-Safety- Environment Protections.

On the economic front, Fitch continues to see APSEZ as being well-positioned to benefit from India's growth and related cargo opportunities. Fitch believes that the company's growth will be at 14% (CAGR), profits will improve positive cash flows and APSEZ is committed to recover the related party loans & advances gradually. The rating would enable APSEZ to continue to tap international markets for long term and low cost funds. Fitch's BBB- Stable Outlook to APSEZ is a testimony to our overall strength in the infrastructure space and our leadership position in the Ports Sector".

Adani Ports & SEZ Ltd (APSEZL), also has expansion plan for its existing terminal Adani International Container Terminal Private Limited (AICTPL) at its flagship Mundra port. AICTPL will emerge as India's largest container terminal with a total quay length of 1,460 meters and cargo handling capacity of 3.1 million TEUs. It will be equipped with 15 super post panamax quay cranes, capable of handling 18,000 TEU container vessels at the terminal.

Continuing with its spirit to enhance its operational foothold, APSEZ has signed an agreement to acquire "Abbot Point Bulkcoal Pty Ltd (APB)", Queensland, Australia. The acquisition of APB shall give APSEZ an access to operate 50 mmtpa capacity in a developed economy on a cost plus basis with no capital investment. This acquisition is a testimony of Adani Ports' experience and expertise in operating ports

at global benchmarks. This also gives us a strategic foothold enhancing our experience of handling world-class fully automated terminals

We have identified technology as a critical enabler factors for business transformation and operational cost reductions; hence we will be continuously investing in a new technologies. Apart from developing an integrated IT system landscape, we are also focusing on innovation & performance improvement through IoT based operations and automation. Given the demand in India, we are developing LNG and LPG facilities at Mundra and Dhamra and intend to expand further in the respective value chains. For future, our strategy is to invest heavily in port based industrial infrastructure development and container businesses, especially in Ports terminals and Inland container depots to offer complete logistic solution to our clients. APSEZ target is to handle over 300 MMT cargo in FY 21 from current level of over 167 MMT.

On the social front, to make logistics management hassle-free, we are building the organizational capacity to offer our customers complete logistic solutions, right from E2E logistics services to providing all real time information on their fingertips. We also wish to develop a future ready organization by inculcating learning and innovation culture in workforce. We shall be rolling out succession planning, technical and behavioral training programs in organization to promote the performance driven culture to meet the need of the businesses.

As far as environmental commitments are considered, we will continually strive to reach our target "Mission Zero", especially with respect to CO2 emission, waste water discharge, waste generation and accident free workplaces (zero fatality) through adoption of new technologies, fuel shift mechanism, robust focus on renewables and inculcating safety culture. APSEZ has focus on moving towards Green Port. This shall be achieved by installing renewable energy projects including solar & wind plants for its port operations. APSEZ will continue to increase the green cover by planting more trees within the project boundary and also mangrove afforestation.

Appendix: Conversion Factor

Parameter	Conversion Factor
Energy	1 kWh=0.0036 GJ
	1 kcal=4.18 kJ
Diesel	Net calorific Value (NCV): 43
	Density: 1KL=0.8325 MT
	Emission Factor (tCO2): 2.65
Liquefied Petroleum Gas	Net calorific Value (NCV): 47.3
	Density: 1KL=0.557 MT
	Emission Factor(tCO2): 1.66
Low Sulphur Heavy Stock	Net calorific Value (NCV): 40.4
	Density: 1KL=0.926 MT
	Emission Factor(tCO2): 2.90
Motor Gasoline (Petrol)	Net calorific Value (NCV): 44.3
	Density: 1KL=0.7475 MT
	Emission Factor(tCO2): 2.29
Residual Fuel Oil	Net calorific Value (NCV): 40.4
	Density: 1KL=0.95 MT
	Emission Factor(tCO2): 2.97

NCV: http://www.ipcc-nggip.iges.or.jp/public/2006gl/pdf/2_Volume2/V2_1_Ch1_Introduction.pdf

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Principle 6: Labour Businesses should uphold the elimination of discrimination in respect of employment and occupation.	102-8 Information on employees and other workers GRI 401: Employment 2016 GRI 404: Training and education 2016	48, 51 49 51
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Principle 9: Environment Businesses should encourage the development and diffusion of environmentally friendly technologies	Environmental Protection Expenditure	34
Principle 10: Anti-corruption Businesses should work against corruption in all its forms, including extortion and bribery.	102-16 Values, principles, standards, and norms of behavior	10

Memberships

The Company is a member of the following key associations:

- Confederation of Indian Industry
- Federation of Indian Export Organisations
- Federation of Indian Chamber of Commerce and Industry
- The Associated Chambers of Commerce and Industry of India
- Ahmedabad Management Association
- Gujarat Chamber of Commerce and Industry

APSEZ subscribes to the following externally developed principles:

- United Nations Global Compact

Abbreviations

AHPPL	Adani Hazira Port Pvt. Ltd.	Kms	Kilometre
AICTPL	Adani International Container Terminal Private Limited	KPT	Kandla Port Trust
ALL	Adani Logistics Limited	LED	Light-Emitting Diode
AMDC	Adani Management Development Centre	LNG	Liquefied Natural Gas
AMPTPL	Adani Murmugao Port Terminal Private Ltd.	LPG	Liquefied Petroleum Gas
AMS	Audit Management System	M	Meter
APB	Abbot Point Bulkcoal Pty Ltd	MAM	Moderate Acute Malnutrition
APDPPL	Adani Petronet (Dahej) Port Pvt Ltd	MHCUs	Mobile HealthCare Service
APSEZ	Adani Ports and Special Economic Zone Limited	MLD	Million Litre per Day
ASDC	Adani Skill Development Centre	MMC	MMC Corporation Berhad
AVM	Adani Vidya Mandir	M&M	Mines & Minerals
BBB	Better Business Bureau	MMT	Million metric tons
BDRCL	Bharuch Dahej Railway Company Limited	MMTPA	Million metric tons per annum
BSI	British Standards Institution	MoEF&CC	Ministry of Environment, Forest & Climate Change
BRR	Business Responsibility Report	MoU	Memorandum of Understanding
CAGR	Compound Annual Growth Rate	MPT	Mormugao Port Trust
CEO	Chief Executive Officer	MRF	Material Recovery Facility
CFO	Chief Financial Officer	MSC	Mediterranean Shipping Company
CM	Community Mobilizers	MT	Metric Ton
CMA CGM	Compagnie Maritime Compagnie Générale Maritime	MW	Mega watt
CNG	Compressed Natural Gas	NAPCC	National Action Plan on Climate Change
COO	Chief Operations Officer	NATPOLREX	National Level Pollution Response Exercise
CPCB	Central Pollution Control Board	NGT	National Green Tribunal
CRZ	Coastal Regulation Zone	NSDC	National Skill Development Corporation
CSR	Corporate Social Responsibility	OHS	Occupational Health and Safety
CT 4	Container Terminal – 4	PET	Polyethylene terephthalate
DAV	Dayanand Anglo Vedic	POL	Petroleum Oil & Lubricant
DMA	Disclosure on Management Approach	PIL	Public Interest Litigation
DMIC	Delhi Mumbai Industrial Corridor	PNG	Piped Natural Gas
DBFOT	Design, Build, Finance, Operate and Transfer	RPM	Revolutions per minute
DPCL	The Dhamra Port Company Limited	RFD	Refused Derived Fuel
E2E	End-to-End	RUTF	Ready to Use Therapeutic Food
ED	Executive Director	SAM	Severely Acute Malnutrition
EMC	Electronics Manufacturing Cluster	SC	Scheduled Caste
ERTG	Electrical Rubber Tyre Gantry Cranes	SDGs	Sustainable Development Goals
ETP	Effluent Treatment Plant	SEBI	Securities and Exchange Board of India
ESG	Environmental, Social and Governance	SEZ	Special Economic Zone
EXIM	Export Import	SHGs	Self-Help Groups
FI	Financial Institutions	SLC	Sustainability Leadership Committee
FY	Financial Year	SMS	Safety Management System
GHC	Greenhouse Gas	SPCB	State Pollution Control Board
GI	Galvanized Iron	SPM	Single Point Mooring
GJ	Gigajoules	SR	Sustainability Report
GMB	Gujarat Maritime Board	ST	Scheduled Tribe
GMS	Grievance Management System	SSC	Sustainability Steering Committees
GRI	Global Reporting Initiative	STP	Sewage Treatment Plant
HB	Hemoglobin	tCO ₂ e	Tonnes of carbon dioxide equivalent
HR	Human Resources	TEUs	Twenty Foot Equivalent Units
HM	High Mast	UNESCO	United Nations Educational, Scientific and Cultural Organization
IAPH	International Association of Ports and Harbours	UNGC	United Nations Global Compact
IMS	Integrated Management System	VFD	Variable-frequency Drive
INR	Indian Rupee	VLCC	Very Large Crude Carriers
ICD	Inland Containers Depot	VRM	Vendor Relationship Management
ICG	Indian Coastguard	WBCSD	World Business Council for Sustainable Development
IPAD	Inner Peace for Advanced Determination	w.r.t	with respect to
IPOD	Inner Peace for Outer Determination	WWW	What Went Wrong
ISO	International Organization for Standardization		

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