

adani

# Adani ESG Universe

ESG Updates

August 2022



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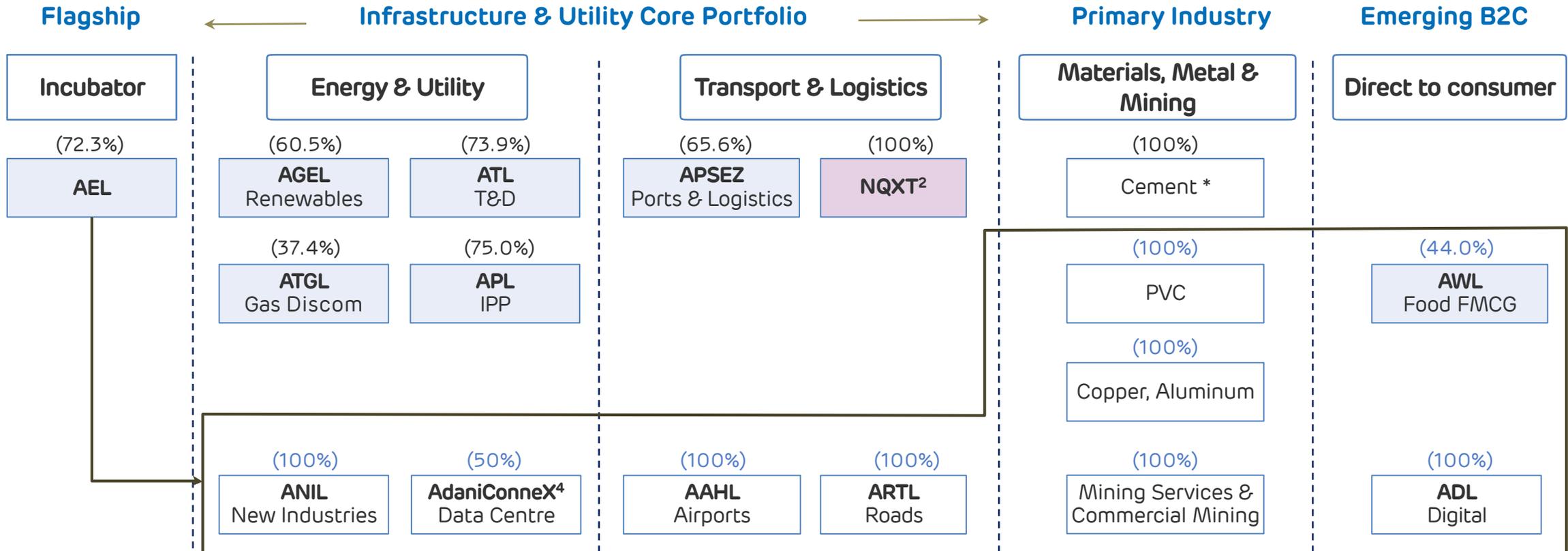
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01

Adani Portfolio Overview

# Adani Group : A World Class Portfolio

**adani** ~USD 170 bn<sup>1</sup> Combined Market Cap



(%): Promoter equity stake in Adani Portfolio companies (%) : AEL equity stake in its subsidiaries

  - Represents public traded listed verticals

## A multi-decade story of high growth centered around infrastructure & utility core

1. Combined market cap of all listed entities as on June 30, 2022, USD/INR – 78.90 | 2. **NQXT**: North Queensland Export Terminal | 3. **ATGL**: Adani Total Gas Ltd, JV with Total Energies | 4. Data center, JV with EdgeConnex, **AEL**: Adani Enterprises Limited; **APSEZ**: Adani Ports and Special Economic Zone Limited; **ATL**: Adani Transmission Limited; **T&D**: Transmission & Distribution; **APL**: Adani Power Limited; **AGEL**: Adani Green Energy Limited; **AAHL**: Adani Airport Holdings Limited; **ARTL**: Adani Roads Transport Limited; **ANIL**: Adani New Industries Limited; **AWL**: Adani Wilmar Limited; **ADL**: Adani Digital Limited; **IPP**: Independent Power Producer

\* Acquisition of Ambuja Cements Ltd and ACC Ltd for ~66MTPA of capacity is under regulatory approvals and with this acquisition, Adani is now India's second largest cement manufacturer

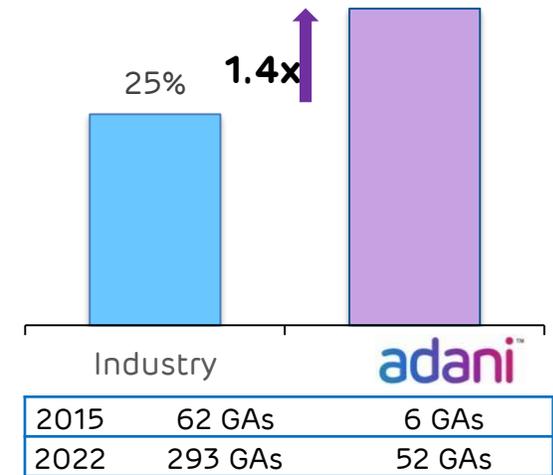
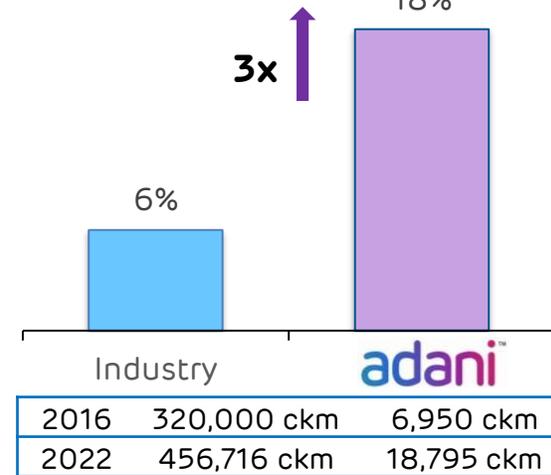
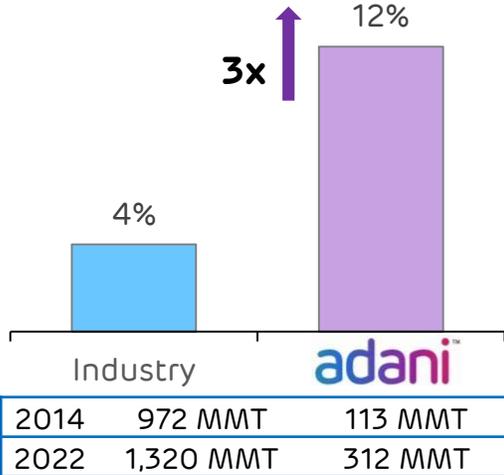
# Adani Group: Decades long track record of industry best growth rates across sectors

Port Cargo Throughput (MMT)

Renewable Capacity (GW)

Transmission Network (ckm)

CGD7 (GAs8 covered)



## APSEZ

Highest Margin among Peers globally  
**EBITDA margin: 70%**<sup>1,2</sup>  
 Next best peer margin: 55%



## AGEL

World's largest developer  
**EBITDA margin: 92%**<sup>1,4</sup>  
 Among the best in Industry



## ATL

Highest availability among Peers  
**EBITDA margin: 92%**<sup>1,3,5</sup>  
 Next best peer margin: 89%



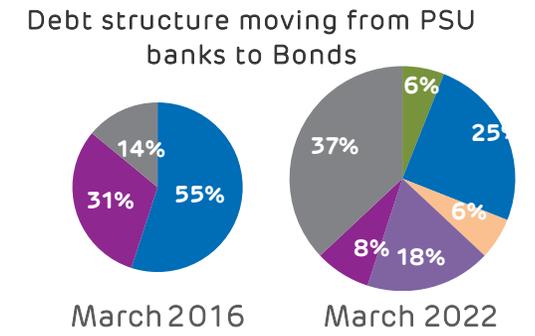
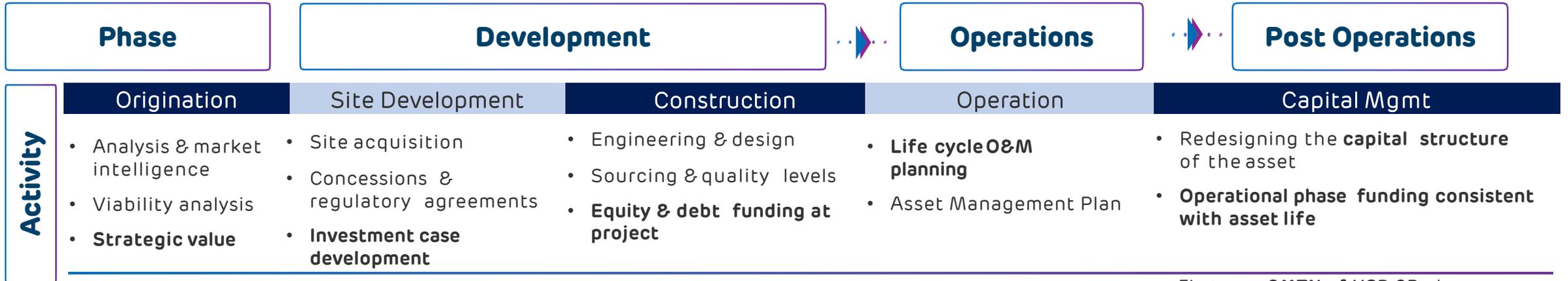
## ATGL

India's Largest private CGD business  
**EBITDA margin: 41%**<sup>10</sup>  
 Among the best in industry

## Transformative model driving scale, growth and free cashflow

Note: 1. Data for FY22; 2. Margin for ports business only, Excludes forex gains/losses; 3. EBITDA = PBT + Depreciation + Net Finance Costs – Other Income; 4. EBITDA Margin represents EBITDA earned from power supply 5. Operating EBITDA margin of transmission business only, does not include distribution business. 6. Contracted & awarded capacity 7. CGD: City Gas distribution 8. GAs - Geographical Areas - Including JV | Industry data is from market intelligence 9. This includes 17GW of renewable capacity where PPA has been signed and the capacity is under various stages of implementation and 29GW of capacity where PPA is yet to be signed' 10. Data for FY21

# Adani Group: Repeatable, robust & proven transformative model of investment



O&M: Operations & Maintenance, HVDC: High voltage, direct current, PSU: Public Sector Undertaking (Public Banks in India), GMTN: Global Medium Term Notes SLB: Sustainability Linked Bonds, AEML: Adani Electricity Mumbai Ltd. IG: Investment Grade, LC: Letter of Credit, DII: Domestic Institutional Investors, COP26: 2021 United Nations Climate Change Conference; AGEL: Adani Green Energy Ltd.

02

Adani Portfolio – ESG Framework and Credentials

# Robust ESG assurance framework



## Vision

To be a world class leader in businesses that enrich lives and contribute to nations in building infrastructure through sustainable value creation.

### Our Commitment

- APSEZ – Carbon Neutral, Water Positive, ZWL, SUP Free, Zero Accident
- ATL – Water Neutral, ZWL, SUP free, No Biodiversity Net Loss, Zero Accident
- AGEL – Water Neutral, SUP free, No Biodiversity Net Loss, Zero Accident
- ATGL – Zero Accident, Customer centricity
- APL – SUP free, Zero Accident, No Biodiversity Net Loss, Natural resource conservation
- AEL – Zero Accident, Natural resource conservation, Water neutral

### Guiding principles

UNGC	SDG	SBTi
GRI Standard	BRSR	DJSI
TCFD	IBBI	CDP

### Policy Structure

- |          |   |
|----------|---|
| <b>E</b> | <ul style="list-style-type: none"> <li>• Environment Policy</li> <li>• Energy and Emission Policy</li> <li>• Water Stewardship Policy</li> <li>• Biodiversity Policy</li> </ul> |
| <b>S</b> | <ul style="list-style-type: none"> <li>• Human Rights</li> <li>• Corporate Social Responsibility Policy</li> <li>• Occupational Health and Safety Policy</li> </ul>             |
| <b>G</b> | <ul style="list-style-type: none"> <li>• Board Diversity</li> <li>• Anti-corruption and anti-bribery</li> <li>• Related Party Transaction Policy</li> </ul>                     |

### Focus Area

- Climate Action
- Affordable and clean energy
- Clean water and sanitation
- Responsible consumption
- Biodiversity conservation
- No poverty
- Zero hunger
- Good health and well being
- Quality education
- Decent work and economic growth
- Industry, innovation & infrastructure

Policy framework backed by robust assurance program

## ESG credentials of Adani Portfolio companies

	 Ports and Logistics <b>APSEZ</b>	 Power <b>APL</b>	 Transmission <b>ATL</b>	 Renewables <b>AGEL</b>	 Gas <b>ATGL</b>	 <b>AEL</b>
<b>TCFD Supporter</b>	✓	✓	✓	✓	<b>Developing</b>	<b>Developing</b>
<b>SBTi Commitment</b>	✓	Not applied	✓	✓		
<b>UNGC Member</b>	✓	✓	Not applied	✓		
<b>IBBI Member</b>	✓	✓	✓	✓		
<b>DJSI (2021 Score)</b>	✓ (57/ 100)	✓ (62/100)	✓ (63/ 100)	✓ (66/ 100)		
<b>CDP – CC (2021 Score)</b>	✓ (B-)	✓ (D)	✓ (D)	✓ (B)		
<b>CDP – WS (2021 Score)</b>	✓ (B)	✓ (C)	Not applied	Not applied		
<b>Sustainalytics</b>	13.71 (Low Risk)	-	-	20.5 (Med. Risk)	25 (Med. Risk)	-
<b>MSCI</b>	CCC	CCC	BBB	A	BBB	CCC

# Environmental philosophy

	Carbon Emissions Reduction	Natural Resource Conservation	Biodiversity Management
Awareness	<ul style="list-style-type: none"> <li>• Energy Management</li> <li>• Supporting low carbon economy</li> <li>• Carbon sequestration through nature-based solution</li> <li>• Improving carbon efficiency</li> <li>• Hydrogen as fuel</li> <li>• Electric mobility</li> </ul>	<ul style="list-style-type: none"> <li>• Reduce freshwater withdrawal and water conservation initiatives</li> <li>• Alternative sources of water</li> <li>• Circular economy</li> <li>• Waste management following 5R principles</li> <li>• Community watershed</li> </ul>	<ul style="list-style-type: none"> <li>• Biodiversity management</li> <li>• Natural Capital Action Plan</li> <li>• Afforestation and conservation</li> <li>• Land use and cover management</li> <li>• Supporting Government initiatives</li> </ul>
Alignment	<ul style="list-style-type: none"> <li>• TCFD Recommendation</li> <li>• SBTi Commitment</li> <li>• CDP Climate Change Disclosure</li> <li>• SDGs – 7, 13, 17</li> <li>• DJSI Corporate Sustainability Assessment</li> <li>• GRI Standards</li> <li>• UNGC Principles</li> <li>• ISO Standards</li> </ul>	<ul style="list-style-type: none"> <li>• UN CEO Water Mandate</li> <li>• CDP Water Security Disclosure</li> <li>• Alliance for Water Stewardship</li> <li>• SDGs – 6, 12, 17</li> <li>• DJSI Corporate Sustainability Assessment</li> <li>• GRI Standards</li> <li>• UNGC Principles</li> <li>• ISO Standards</li> </ul>	<ul style="list-style-type: none"> <li>• IBBI Declaration</li> <li>• IUCN – LfN subscription</li> <li>• UN Convention on Biological Diversity (UNCBD)</li> <li>• SDGs – 14, 15, 17</li> <li>• GRI Standards</li> <li>• UNGC Principles</li> <li>• IFC performance standards</li> </ul>
Readiness	<ul style="list-style-type: none"> <li>• Increasing renewable energy share</li> <li>• Carbon Neutral – APSEZ</li> </ul>	<ul style="list-style-type: none"> <li>• Water positive/ neutral – APSEZ, ATL, AGEL</li> <li>• Water harvesting – APSEZ, AGEL, ATL, APL</li> <li>• Zero waste to landfill – APSEZ, AGEL, ATL</li> <li>• Single Use Plastic free - APSEZ, AGEL, ATL, APL</li> </ul>	<ul style="list-style-type: none"> <li>• No biodiversity net loss – ATL, AGEL, APL</li> <li>• Massive mangrove afforestation and terrestrial plantation – APSEZ</li> <li>• Olive Ridley Conservation – APSEZ</li> <li>• Biodiversity Park – APSEZ</li> </ul>

## Key Environmental commitments of Adani Portfolio companies

	 Ports and Logistics <b>APSEZ</b>	 Power <b>APL</b>	 Transmission <b>ATL</b>	 Renewables <b>AGEL</b>	 Gas <b>ATGL</b>	 <b>AEL</b>
Carbon Neutrality	✓	NA	NA	NA	Developing	Developing
Water Neutrality	✓		✓	✓		
Zero Waste to Landfill	✓		✓	✓		
SUP Free Sites	✓	✓	✓	✓		
Mangrove / Terrestrial Afforestation	✓	✓	NA	NA		
Zero Biodiversity Net Loss	NA	✓	✓	✓		

NA: No stated commitment currently

# Social philosophy has a strong community focus

## United Nations Sustainable Development Goals 2030



## Our Key Business and Foundation Initiatives mapped to UNSDGs with a Social Imperative

### Economic Value Creation

- 1. No Poverty
- 2. Zero Hunger
- 8. Decent Work & Economic Growth
- 9. Industry Innovation & Infrastructure
- 10. Reduced Inequalities



### India & other countries

- Past investments and Proposed Capital investments include projects at various remote locations / villages across India without any opportunities for structured employment creation

### Women's Education

- 1. No Poverty
- 4. Quality Education



### All Locations

- Own schools, digitalization and up gradation of Govt. school to provide cost free education to the needy.

### Women's Health

- 3. Good Health & Well Being



### Sarguja

- Partnered with self help group to educate and provide sanitary pads for safe menstrual hygiene to ensure better health.

### Women's Empowerment / Livelihood

- 2. Zero Hunger
- 5. Gender Equality
- 8. Decent Work & Economic Growth



### Trivandrum

- Livelihood projects for sustenance in multiple areas

### Local & Rural Infra-Development

- 9. Industry, Innovation & Infra Structure
- 11. Sustainable Cities & Communities



### Godda

- Social licensing by Community engagement for coexistence and creating sustainable livelihood and infrastructure

Presence across 18 States\*

Uplifting 2,315 villages

Touching 3 million lives

430 Cr+ Spent on CSR Activities#

Social philosophy drives initiatives that are aligned with UN Sustainable Development Goals

## Employee philosophy

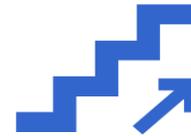
HR policy framework being continuously enhanced based on stakeholders' engagement

### Policies



- Code of Conduct
- Prevention of Sexual Harassment
- Human Rights Policy
- Leave Policy
- Employee Volunteering

### Initiatives



- Employee Engagement Survey
- Employee Development Program
- Employee and Family Wellbeing
- Employee Safety

### Employee Benefits



- Mediclaim Policy
- Employee Death Relief Policy
- Employee Development Programs
- Employee Benefit Schemes
- Rewards and Recognition Policy

### Focus Area



- Improving Gender Diversity
- Employee Hiring and Retention
- Grievance Redressal
- Work Life Balance

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**percipio**



Employee Life Cycle Management

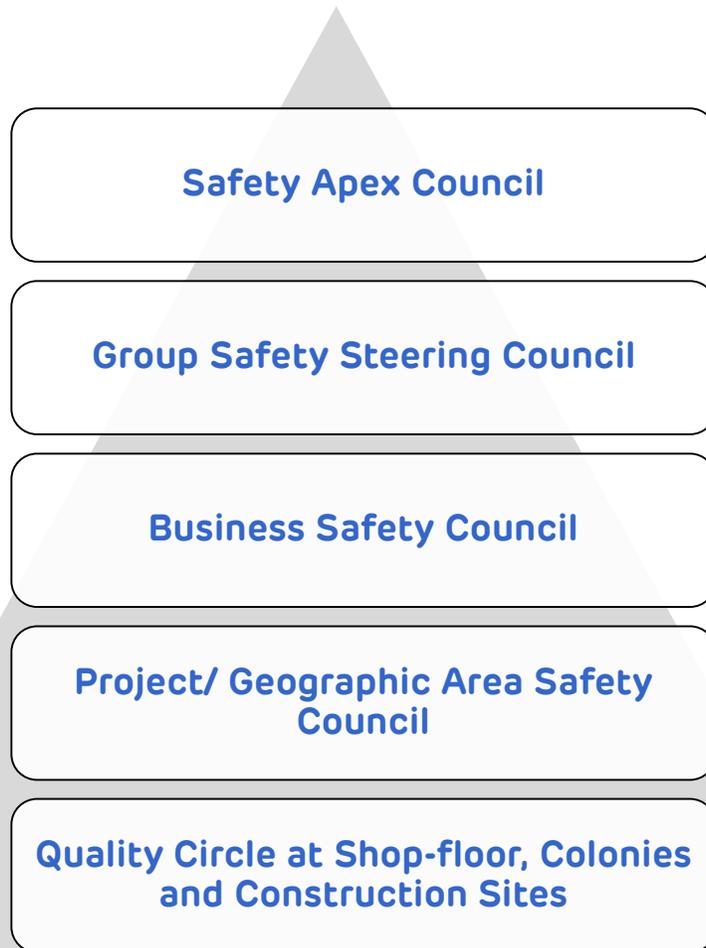


Contractor Labour Management System



E-learning Platform

## Safety governance



### Safety Task Force for 5 Key Areas

Safety Standards, Rules and Procedures

Contractor Safety Management

Training and Capability Building

Logistics Safety (Road, Rail and Warehouse)

Safety Interaction (Observation), Incident Reporting & Investigation Audit

## Suppliers' framework

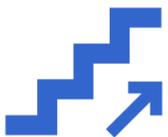
### Techno-commercial practices being continuously enhanced factoring stakeholders' feedback

- SAP Ariba implemented to streamline transaction with suppliers
- The platform enables transparency and information availability to all key stakeholders across various transactions stages from Procurement to Payment



Enterprise Resource Planning and Finance Tool

#### Initiatives



- Supplier Engagement Survey
- Vendor Recognition
- Green Procurement Practices



Digitization of Procurement Processes

#### Focus Area



- Fairness in Operation
- Timely clearance of bills
- Grievance redressal

## Governance philosophy



Governance philosophy encompassing strong policy and structure backed by robust assurance mechanism

# Key Governance Policies across Adani Portfolio Companies

	 Ports and Logistics <b>APSEZ</b>	 Power <b>APL</b>	 Transmission <b>ATL</b>	 Renewables <b>AGEL</b>	 Gas <b>ATGL</b>	 <b>AEL</b>
<b>Board level</b>	Stakeholder Relationship Committee (SRC) Corporate Responsibility Committee (CRC) Corporate Social Responsibility Committee (CSRC) Risk Management Committee (RMC)					
<b>Corporate level</b>	Sustainability Leadership Committee  Core Working Group	ESG Apex Committee  Core Working Group	ESG Apex Committee  Core Working Group	ESG Apex Committee  Core Working Group	ESG Apex Committee  Core Working Group	Business Specific Council / Team
<b>Site level</b>	Sustainability Steering Committee	Sustainability Committee	Sustainability Committee	Sustainability Committee	HSE Committee	HSE / Sustainability Committee
<b>Key decisions made</b>	<ul style="list-style-type: none"> <li>▪ Review and approval of policies</li> <li>▪ Integration of ESG matrix to executive and employee compensation</li> <li>▪ ESG Commitments</li> <li>▪ Board Committees Restructuring</li> </ul>					

03

Adani Portfolio ESG Update

## Adani Ports and SEZ Ltd (APSEZ) : ESG performance update

- Over achievement against targets on most indicators/ metrics

Indicator	FY25 Target	FY23 Target	Q1 FY23 Achievement
<b>Energy &amp; Emission</b>			
RE share in total electricity*	100%	20%	14%
Emission intensity reduction*	50%	40%	38.5%
<b>Water and Waste</b>			
Water consumption intensity reduction*	60%	56%	54%
Zero waste to landfill	12 Ports	9 Ports	6 Ports (already completed) + 3 Ports to be applied in this FY
Single use plastic free sites	12 Ports + 4 ICDs + 14 AL sites	12 Ports + 4 ICDs	9 Ports (completed) + 3 Ports to be applied in this FY + 4 ICDs to be applied in this FY
<b>Social</b>			
Safety	Zero Incidents	Zero Incidents	3 Fatalities + 11 LTI
Voluntary attrition	<4%	<4%	3.54%

Intensity based on operational revenue (INR in Crore)

\*Base year FY16

# Adani Green Energy Ltd (AGEL) : ESG performance update

## Key Updates on Environment & Social initiatives – Q1 FY23

### ➤ Pollution control & GHG emission reduction

- ✓ **4 Mn ton CO<sub>2</sub>** emission avoided in Q1 FY23
- ✓ **99.8% less emission Intensity** per unit of generation (0.0018GHG tCO<sub>2</sub> / MWh) in Q1 FY23 v/s Indian grid average of 0.79 tCO<sub>2</sub> / MWh

### ➤ Resource conservation

- ✓ **99.5% less Fresh Water consumption** per unit of generation (0.02 kl/MWh) in Q1 FY23 as against 3.5 kl / MWh, statutory limit for thermal power
- ✓ **100% of AGEL's operating capacity** is single-use plastic free under CII Plastic Protocol

### ➤ Occupational Health & Safety

- ✓ **'Nil' LTIFR** in Q1 FY23
- ✓ **9.77 mn continuous safe man hours** in Q1 FY23
- ✓ **33,251 workman training hours on safety** in Q1 FY23

### ➤ Sustainable Livelihood

- ✓ 939 direct/ indirect job opportunities provided in Q1 FY23
- ✓ **Employee retention rate of 95%** in Q1 FY23

## Key Commitments

Indicator	FY25 Target	FY23 Target	Status: Q1 FY23
Water neutral operating capacity (MW) for plants > 200 MW	100%	60%	42%
Zero waste to landfill operating capacity (MW)	100%	50%	#
Single use plastic free operating capacity (MW)	100%	100% (Already achieved in FY22)	100%*

# Implementation underway, external certification to follow

\* Certification is in process for plants commissioned in Q1 FY23

## Governance - Revised Board of Charter implemented

### ➤ Newly formed Board Committees

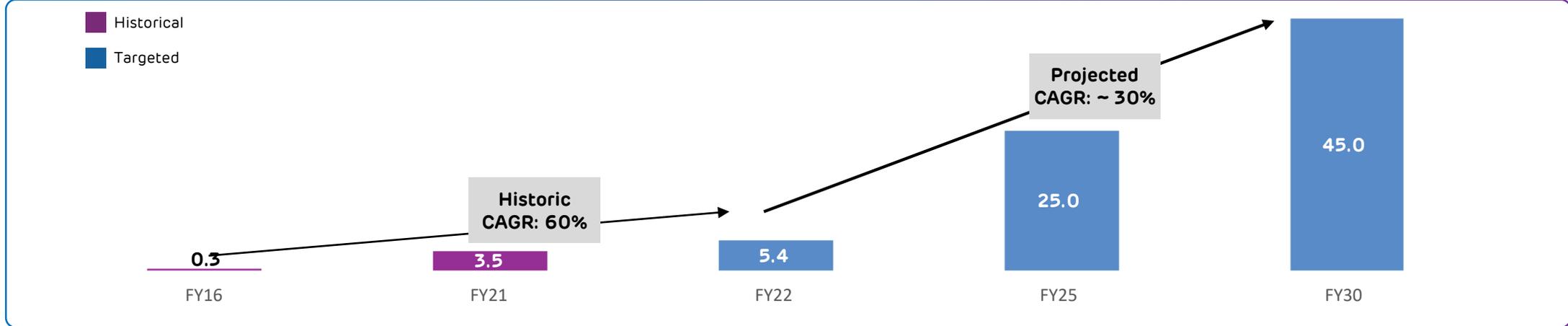
- ✓ Corporate Responsibility Committee with 100% Independent Directors to assure implementation of ESG commitments
- ✓ New Sub-Committees of Risk Management Committee with at least 50% Independent Directors
  - ✓ Mergers & Acquisitions Committee
  - ✓ Legal, Regulatory & Tax Committee
  - ✓ Reputation Risk Committee
- ✓ Information Technology & Data Security Committee with at least 50% Independent Directors

### ➤ Increased percentage of Independence Directors in Existing Board Committees

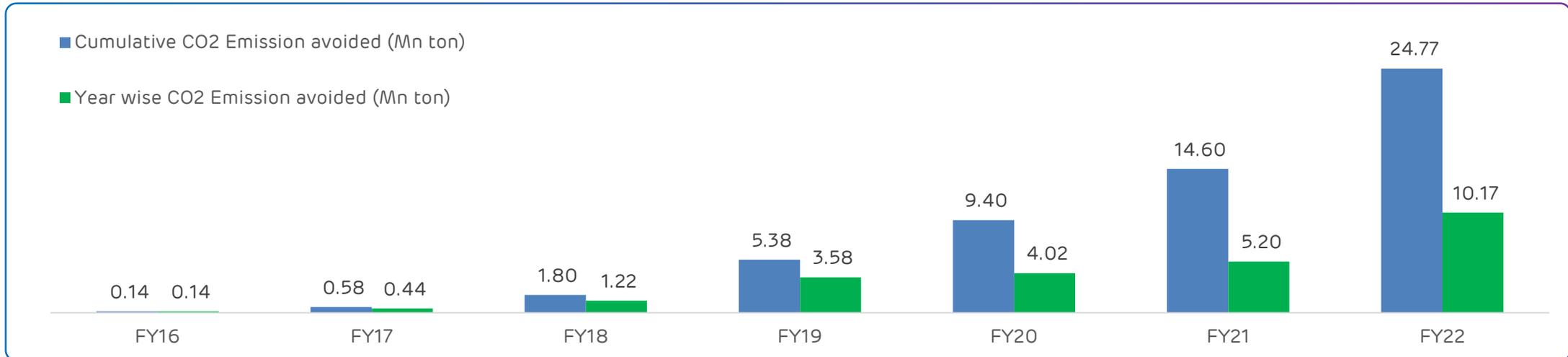
- ✓ Increased from 75% to 100% for Audit Committee and Nomination and Remuneration Committee
- ✓ Increased from 33% to at least 75% for Corporate Social Responsibility Committee
- ✓ Increased from 33% to at least 50% for Risk Management Committee
- ✓ To be at least 50% for Stakeholders Relationship Committee

## Published Business Responsibility and Sustainability Report (BRSR) for FY22 ahead of mandatory adoption from FY23

## Fast-paced Renewable Capacity addition leading to a greener future



## Cumulative CO<sub>2</sub> emission avoided by AGEL is higher than Sri Lanka's annual CO<sub>2</sub> emission <sup>1</sup>



1. Sri Lanka had an annual CO<sub>2</sub> emission of 21.11 mn ton in 2020. Source: <https://ourworldindata.org/co2-emissions#co2-emissions-by-region>

# Adani Transmission Ltd (ATL) : ESG performance update

Environment

Key Performance Indicators	Current Status	Baseline	Medium to Long-term Targets
<b>Energy Mix &amp; Emission Intensity</b>			
- RE share in power procurement	AEML has achieved 18% renewable in power mix as of Jun'22	3%	30% by FY23 60% by FY27
- GHG Emission Intensity Reduction	The target for GHG emissions reduction is in line with Nationally Determined Contribution (NDC) for climate change. Disclosed in terms of a reduction in GHG per unit of revenue.	-	40% by FY25 70% by FY30
<b>Waste Reduction and Biodiversity Management</b>			
- Zero waste to landfill (ZWL)	Dahanu Power Plant attained ZWL status	No certification in FY19-20	Achieved ZWL for all O&M sites in FY22
- Single use plastic (SuP) free sites	Following site attained SUP free status: • Dahanu Power Plant • Major Substations (Mundra, Mahendragarh, Koradi)	No certification in FY19-20	To achieve SuP free for all sites by FY23-24
- India Business Biodiversity Initiative (IBBI) and ensure no net loss to biodiversity	• Signatory to IBBI and submitted first progress report in 2020 • Afforestation of 441 hectares area in FY21-22	FY20-21 289 hectares	No net loss to biodiversity and 100% alignment with IBBI and IBBI principles based public disclosures by FY23-24
- Water Neutrality (Water conservation)	• Carried-out rainwater harvesting feasibility study for two sub stations • Implemented water metering across all sites	No water neutrality in FY 19-20	Net Water Neutrality Certification for all O&M sites by FY22-23
<b>Energy Efficiency and Management</b>			
- Reduction in auxiliary consumption through solar power	3.362 MWp solar capacity at Mahendragarh, Akola, Koradi, Sami, Morena, Rajnandgaon	Solar capacity of 1.7 MWp in FY19-20	Coverage across all transmission Sites

Social

Material Categories	Material Themes	Key Performance Indicators	Baseline	Target (FY22-23)
Health & Safety	Work related injury	Rate of fatalities per million hours worked	Zero (FY 20-21)	Zero
		Rate of recordable work-related injuries per million man-hours worked	0.33 (FY 20-21)	Zero
	Safety awareness and training	Average hours of training provided per person on health and safety	15.6 (FY 20-21)	Further improve from baseline
Diversity and Inclusion	Measurement of Diversity and Inclusion Metrics and Enforcement of policies	Women as a percentage of new hires and total workforce (%)	New Hire: 5% Total Workforce: 5%	New Hire: 10% Total Workforce: 6%
Human Rights	Training on human rights	Employees trained in human rights policies or procedures (%)	-	100%
Skills for the future	Skill development trainings	Training and development expenditure for employees (INR)	Rs 3.81 Cr (FY 20-21)	Rs 4.69 Cr
Responsible Procurement	Proportion of spending on local suppliers (%)	Spend on local suppliers against the total procurement budget (%)	99.4% (FY 20-21)	Maintain FY21 Performance
	Supplier screening on ESG metrics	Suppliers screened on ESG criteria (%)	100% (Critical Suppliers)	100% (Critical Suppliers)

# Adani Transmission Ltd (ATL) : ESG performance update

## Governance

Material Categories	Material Themes	Key Performance Indicators	Baseline	Actions Taken and Goals
Board Gender Diversity	Board Gender Diversity	Balance the board composition in terms of men and women directors	16.6% - women directors in board as of FY21	• <b>% of women directors in board improved to 28.5%</b>
Board Independence	Great Board Independence and Improved Disclosures	<ul style="list-style-type: none"> <li>Improve board strength and independence</li> <li>Incorporate non-statutory committees</li> <li>Enhance disclosures in board &amp; committee meetings</li> </ul>	<ul style="list-style-type: none"> <li>6 directors as of FY21</li> <li>Only statutory committees as of FY21</li> </ul>	<ul style="list-style-type: none"> <li>Board now comprises of <b>total 7 directors with 4 independent directors</b></li> <li>Enhanced disclosures through formation of <b>new committees</b> with min. 50% IDs (CRC, RMC, PCC, IT &amp; Data Security)</li> <li>Committees chaired by Independent Directors (Audit, NRC, STC)</li> </ul>
Code of Conduct	Corruption and Bribery Cases	<ul style="list-style-type: none"> <li>Number of Corruption cases and Bribery and Associated Risks</li> <li>Adoption of Anti Corruption and Bribery Policy</li> <li>% of Governance body members and employees trained on anti-corruption</li> </ul>	• Zero corruption cases	<ul style="list-style-type: none"> <li>Zero Case on Corruption and Bribery</li> <li>Board Adopted Anti Corruption and Bribery Policy</li> <li>Identification and Assessment of risks</li> </ul>
Anti-competitive Practices	Fines and Settlements	• Fines or settlements paid related to anti-competitive business practices (INR)	Zero as of FY21	• Zero in FY23 and beyond
Customer orientation and satisfaction	Consumer Satisfaction	<ul style="list-style-type: none"> <li>Affordable tariffs</li> <li>Service reliability</li> <li>Sustainable power</li> </ul>	Distribution loss reduction, CSAT surveys, Reliability metrics	<ul style="list-style-type: none"> <li>Competitive tariff through RE power</li> <li>Option to switch to Green power tariff</li> <li>Advanced metering implementation for 12 million consumers</li> </ul>
Corporate Governance Standing	ESG Ratings	Improvement in ratings through improved disclosures and adoption of best practices	CSA: 63/100; FTSE: 3.3/5	Target FY23: CSA – 67/100 and FTSE: 3.6/5

**Notes:**

- A) List of non-statutory committees – CRC: Corporate Social Responsibility & Sustainability Committee; PRC: Public Consumer Committee; Information Technology & Data Security Committee; RMC: Risk Management Committee;  
 B) List of statutory committees: SRC: Stakeholders' Relationship Committee NRC: Nomination and Remuneration Committee; STC: Securities and Transfer Committee; Audit Committee;  
 C) Sub-committees under Risk Management Committee: Mergers & Acquisitions Committee; Legal, Regulatory & Tax Committee; Reputation Risk Committee

### Safety Initiatives During Q1FY23

- **Safety training: 42,304** man-hours of safety training and awareness during Q1FY23
- **Positive Safety Culture:**
  - **'May Safe'** organised to achieve 'Zero Harm' and create safety awareness (1800 employees participated)
  - **Safety Connect:** rolled out a mobile application that monitors vehicular safety for 200 employees from O&M and projects (currently at installation phase)
- **Contractors and Projects Safety Scorecard:** For enhanced safety evaluated projects and contractors basis internal parameters during the quarter
- **Safety Checks and Assurances(SCA):** To strengthen safety and increase the effectiveness of safety management at sites, quarterly safety checks and assurance on 3 pre-declared topics are given by sites
- **Safety Award:** Green Tech Safety Award 2021 for outstanding achievements in "Safety Excellence" category by Green Tech Foundation

### Safety Performance in Q1FY23

Safety Parameters	Transmission		Distribution (AEML)	
	Q1FY23	Q1FY22	Q1FY23	Q1FY22
Near Miss Reporting (Awareness)	1391	645	1334	712
Suraksha Samwad (Safety Dialogue)	2925	1612	1423	34
LTI	0	1	4	7
Fatalities	0	0	1	0
LTIFR (LTI Frequency Rate)	0	0.29	1.18	1.39
LTI (LTI Severity Rate)	0	5.84	1431.55	77.60
Safety training by Safety team (in Man-Hours)	39,192	48,488	3,112	4,765

# Adani Wilmar Ltd (AWL) : ESG performance update

- **Various initiatives** like sourcing oils from sustainable resources, certified refineries and zero water discharge systems at seven of our plants
- Formulated a **CSR committee** under Section 135 of Companies Act 2013
- Robust Board approved commodity & forex risk management policies and internal audit team ensures highest governance standards

**Conserving Water**

- Zero liquid discharge systems at seven plants

**Using recyclable packaging**

- 97% of packing materials used are recyclable

**Sustainable Sourcing**

- Procured 95.6% of crude palm oil which is traceable up to mills; seven out of nine palm oil refineries are RSPO certified

**Promoting Green Energy**

- Successful implementation of solar power at 5 plants



## -Initiative towards eradication of malnutrition and anaemia amongst women & children

Associated with **Adani Foundation**  
(CSR arm of Adani Group)

**Initiative against malnutrition and anaemia** among children of 0-5 years age group, adolescent girls and women in reproductive age group

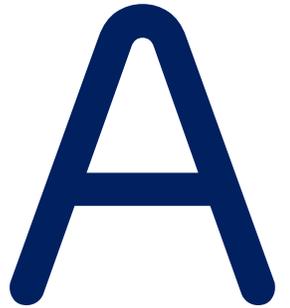
Support efforts in **reducing Infant Mortality Rate (IMR)** and **Maternal Mortality Rate (MMR)**

- **~1,200** Villages and **~100** Slums
- **2,000** Anganwadis
- **0.3 million** Households
- **600+** Sanginis
- **~1.6 million** population

**Committed to maintaining environmental and social sustainability and taken measures to ensure corporate governance compliance**

Thank You

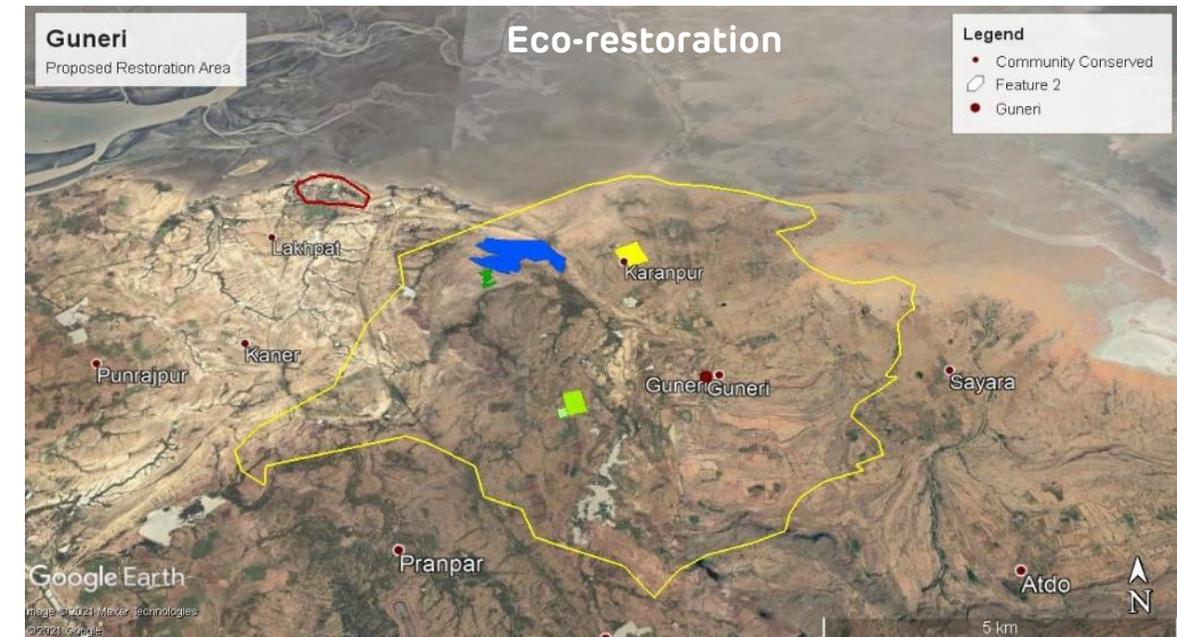


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APPENDIX  
Case Studies

## APSEZ: Afforestation and eco-restoration are a key focus areas for APSEZ

- **Mangrove afforestation** already started on 250 Ha vs. FY25 target of 2,000 Ha
- **Terrestrial plantation** completed on 10 Ha; work ongoing on another 25 Ha
- Initiated **grassland ecosystem restoration** of 10 Ha in Kutch, Gujarat against FY25 target of 40 Ha



### Mangrove afforestation status

- Contract awarded for 250 Ha
- Nursery developed for mangrove saplings
- Sapling plantation started from Nov-21

### Terrestrial plantation status

- Plantation on 10 Ha completed and on 25 Ha in progress

### Eco-restoration status

- Fencing on 10 Ha
- Ecological data collected
- Grass seeds balls prepared
- Saplings of Piludi procured
- Rare and threatened species identified
- Identified species to be introduced in 2022

# AEML: First time ever covenanted sustainability linked framework by a Utility in India

AEML successfully launched India's First Energy Sector Sustainability Linked Bond with legally binding ESG targets for renewable energy penetration and reduction of GHG emission intensity in line with COP26 goals

AEML is committed to all UN Sustainability Development Goals with a focus on



**7 AFFORDABLE AND CLEAN ENERGY**  
Ensure access to affordable, reliable, sustainable and modern energy for all



**11 SUSTAINABLE CITIES AND COMMUNITIES**  
Make cities and human settlements inclusive, safe, resilient and sustainable



**13 CLIMATE ACTION**  
Take urgent action to combat climate change and its impacts

## KPI #1: Increase Renewable in power purchase mix

Particular	Financial Year	Renewable Mix
Baseline	2019	3%
Intermediate	2023	30%
SPT-1	2027	60%



**Mumbai Green Energy** initiative  
**Green Power tariff option** marketed to all consumers  
**Single Use Plastic (SUP)**  
**Zero waste filled Land**

## KPI #2: Reduction in GHG Emission Intensity

Particular	Financial Year	GHG Emission Intensity Reduction
Baseline	2019	-
Intermediate	2025	40%
Intermediate	2027	50%
SPT-2	2029	60%

# AGEL: Water Resource Conservation at 648 MW Kamuthi becoming Water Positive



## Aligning to UN Sustainable Development Goal 12

- Committed to water neutrality through reducing water consumption & conservation of water

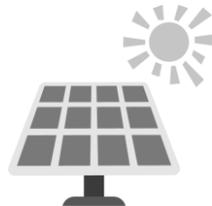


**New ground water recharge reservoir built**  
**52,982 m<sup>3</sup>/yr**



**Estimated water consumption for Kamuthi site**

**35,670 m<sup>3</sup>**



**Water saved in Kamuthi is >1.5x of usage**

**Certified Water +ve by DNV**



**First Water Positive Plant of its kind in the World**

## AGEL: 648 MW solar plant at Kamuthi certified as Single-Use-Plastic (SUP) Free



### Aligning to UN Sustainable Goals 12 & 14

- ✓ Committed to responsible consumption by way of reducing single-use-plastic usage to 'zero' and thereby help reduce its impact on life below water
- ✓ SUP free certification to minimize waste generation under ISO 14001 being implemented

### 'Ditch The Disposable' Initiative



### Eliminated SUP use from Supply-chain

- ✓ Uses identified - e.g. wrapping/ packing material for equipment
- ✓ General Conditions of Contract amended
- ✓ SUP incorporated in quality checklist

### Eliminated SUP use in Internal Operations

- ✓ Identified SUPs as defined by United Nations Environmental Program and European Union
- ✓ Training of employees and IMS auditors on SUP
- ✓ Elimination of SUP items from the system

### Certified Single-Use-Plastic Free



**SUP Free certification at Kamuthi set the model to be followed at large renewable plants across India; 100% of AGEL's Operating Capacity is now certified as Single-Use-Plastic Free**

# Adani Total Gas (ATGL) : ESG performance update

## Solarization

## Installation of solar panels in feasible ATGL sites



Target  
**1 MW**



Total Installation  
**650 KW**

### Installation of **rooftop solar panels**

- **7** City Gas Stations
- **3** Offices
- **26** CNG Stations



## Energy Audit

## Electrical Energy audit in Offices , CNG and City Gas Stations



Number of ATGL  
Sites completed  
**50**

### Energy saving proposals

- Replacement of conventional ceilings fans with **Energy efficient fans**
- Installation of **Occupancy sensors & Timers** in office and Restrooms
- Installing **AC Energy saver**



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