

adani

# Adani ESG Universe

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ESG Updates

November 2022



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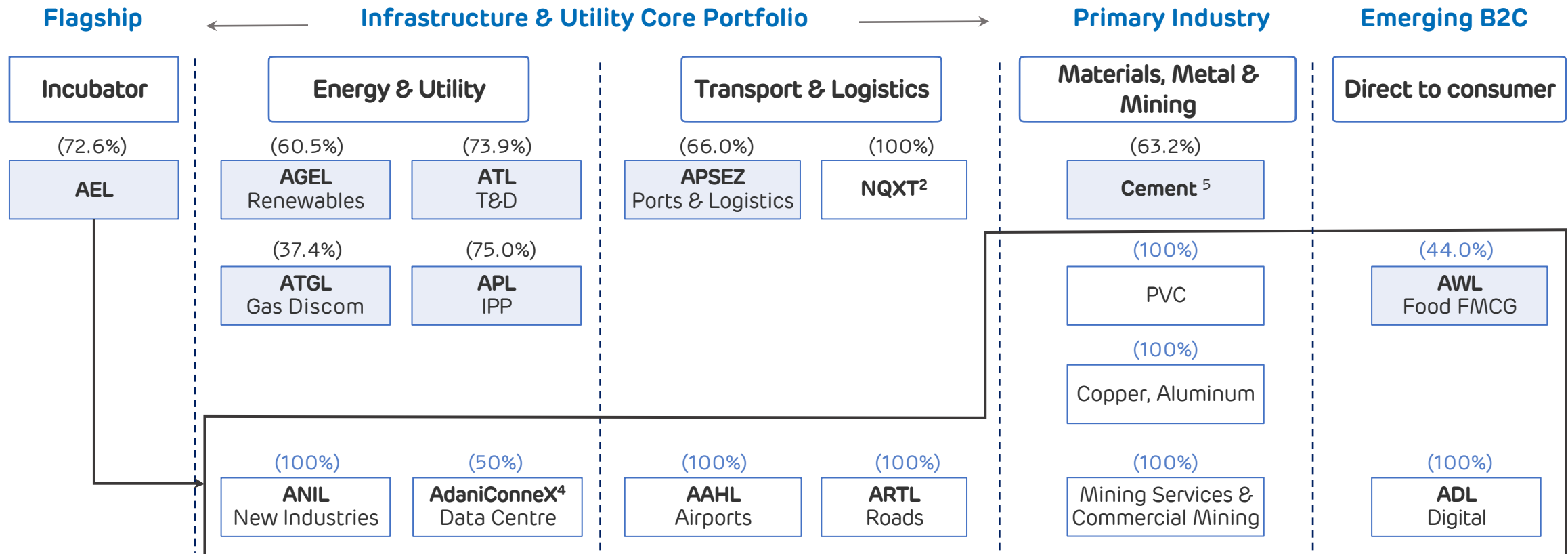
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01

Adani Portfolio Overview

# Adani: A World Class Infrastructure & Utility Portfolio

**adani** ~USD 240 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 Sep 30, 2022, USD/INR – 81.55 | 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  
5. Cement business includes 63.15% stake in Ambuja Cement which in turn owns 50.05% in ACC Limited. Adani directly owns 6.64% stake in ACC Limited. Ambuja and ACC together have a capacity of 66 MTPA, which makes it the second largest cement manufacturer in India.

# Adani Portfolio: Decades long track record of industry best growth with national footprint

## Secular growth with world leading efficiency

**adani**  
Ports and  
Logistics

**Growth 3x**

**EBITDA 70%** <sup>1,2</sup>

**adani**  
Renewables

**Growth 5x**

**EBITDA 92%** <sup>1,4</sup>

**adani**  
Transmission

**Growth 3x**

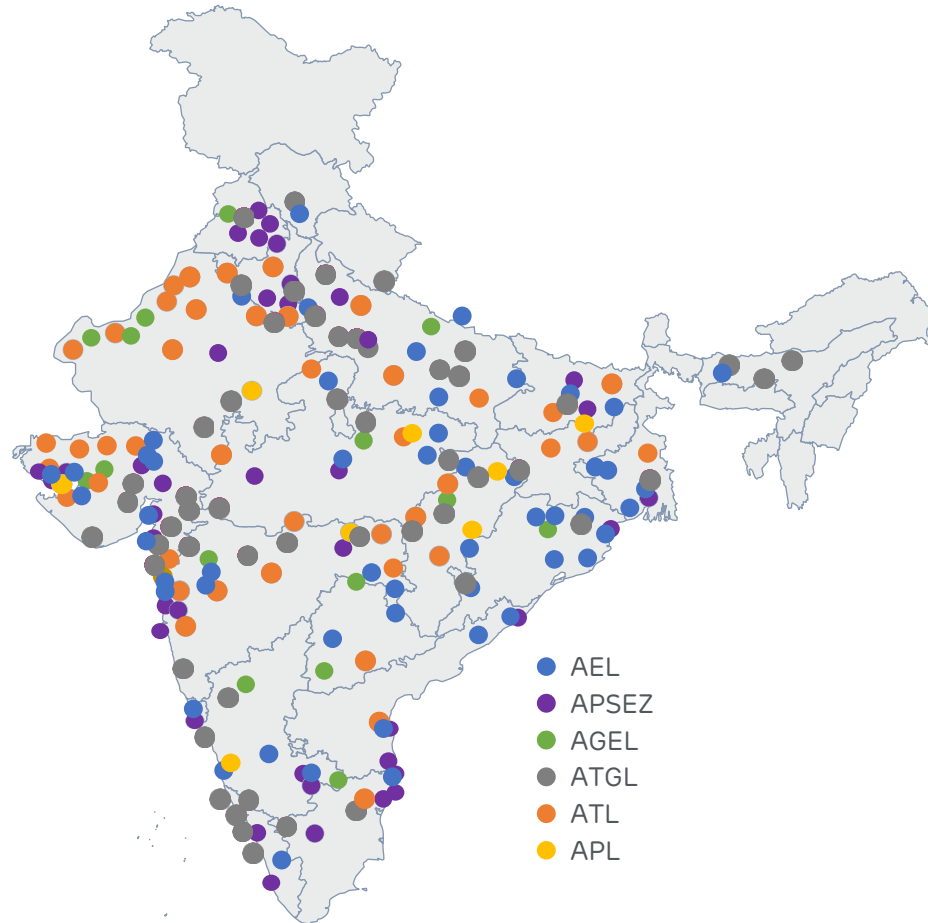
**EBITDA 92%** <sup>1,3,5</sup>

**adani**  
Gas

**Growth 1.4x**

**EBITDA 25%** <sup>1,3</sup>

## National footprint with deep coverage



- AEL
- APSEZ
- AGEL
- ATGL
- ATL
- APL

**adani**

### Core Portfolio

Utility	92%
Transport	85%
Consumers Served	~400 mn

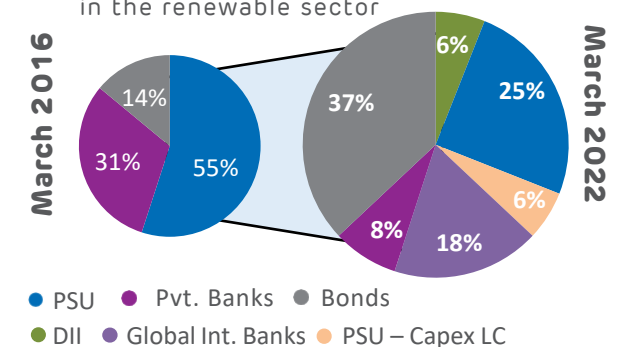
Note: 1. Data for FY22; 2. Margin for ports business only, Excludes forex gains/losses; 3. EBITDA = PBT + Depreciation + Net Finance Costs – Other Income; 4. EBITDA Margin represents EBITDA earned from power supply; 5. Operating EBITDA margin of transmission business only, does not include distribution business.



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

Phase	Development			Operations	Post Operations
Activity	Origination	Site Development	Construction	Operation	Capital Mgmt
	<ul style="list-style-type: none"> <li>Analysis &amp; market intelligence</li> <li>Viability analysis</li> <li><b>Strategic value</b></li> </ul>	<ul style="list-style-type: none"> <li>Site acquisition</li> <li>Concessions &amp; regulatory agreements</li> <li><b>Investment case development</b></li> </ul>	<ul style="list-style-type: none"> <li>Engineering &amp; design</li> <li>Sourcing &amp; quality levels</li> <li><b>Equity &amp; debt funding at project</b></li> </ul>	<ul style="list-style-type: none"> <li><b>Life cycle O&amp;M planning</b></li> <li>Asset Management plan</li> </ul>	<ul style="list-style-type: none"> <li>Redesigning <b>capital structure</b> of assets</li> <li><b>Operational phase funding consistent with asset life</b></li> </ul>

Performance	India's Largest Commercial Port (at Mundra)	Longest Private HVDC Line in Asia (Mundra - Mohindergarh)	648 MW Ultra Mega Solar Power Plant (at Kamuthi, TamilNadu)	Energy Network Operation Center (ENOC)	<ul style="list-style-type: none"> <li>First ever GMTN of USD 2 bn by an energy utility player in India - an SLB in line with COP26 goals - at AEML</li> <li>AGEL's tied up "Diversified Growth Capital" with revolving facility of USD 1.35 bn - will fully fund its entire project pipeline</li> <li>Issuance of 20- &amp; 10-years dual tranche bond of USD 750 mn - APSEZ the only infrastructure company to do so</li> <li>Green bond issuance of USD 750 mn establishes AGEL as India's leading credit in the renewable sector</li> </ul>
	Highest Margin among Peers	Highest line availability	Constructed and Commissioned in nine months	Centralized continuous monitoring of plants across India on a single cloud based platform	



**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.

# Adani Portfolio: Women led social enterprises transforming & uplifting communities in remote locations



Delivery Partner



## Health Care

Healthcare

GAIMS<sup>2</sup>

APSEZ APL

- 750 bed hospital
- Serves local population in Bhuj for free
- Houses medical college

## FMCG & Retail

Retail

Vizmart

Phulo Jhano

APSEZ APL  
AEL ATL

- Marketplace for women Entrepreneurs' products in Vizhinjam
- Tailoring done by women in Godda and Surguja

FMCG

MBUSS<sup>1</sup>

APSEZ AEL  
AWL

- Manufacture nature's prime masala, sanitary pads, phenyl, organic pesticide and fertilizer, packaged drinking water, dairy milk
- Managed and run by women

Agri Business

Vanitha Krishi Karma Sena

APSEZ AAHL  
ATL

- Running a kitchen garden project – "SEVAH" – Safe to Eat Vegetable for All Homes in Vizhinjam
- Scientific and Organic farming

## Services

Services

Clean4u

APSEZ ATL

- Hi-tech cleaning for hospitals, flats, offices, water tanks, vehicle on digital platform in Vizhinjam
- Led by Women – Ms. Sureja

Touching 3.7 million lives across 2,409 villages in 19 states

1. MBUSS – Mahila Udyami Bahuddeshiy Sahakari Samiti Limited. This program was started by Adani Foundation in Surguja, presently it is led by Women (Ms. Anita – President, Ms. Vedmati – Vice President)  
2. GAIMS – Gujarat Adani Institute of Medical Sciences

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

**E**

- Environment Policy
- Energy and Emission Policy
- Water Stewardship Policy
- Biodiversity Policy

**S**

- Human Rights
- Corporate Social Responsibility Policy
- Occupational Health and Safety Policy

**G**

- Board Diversity
- Anti-corruption and anti-bribery
- Related Party Transaction Policy

### 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 and ESG Alignment framework backed by robust assurance program

# ESG credentials of Adani Portfolio companies

	Ports and Logistics	Power	Transmission	Renewables	Total Gas	Enterprises
DJSI (2022 Score)	68	Result awaited	63	Result awaited	54	51
CDP - CC (2021 Score)	B-	D	D	B	-- *	-- *
CDP - WS (2021 Score)	B	C	--	--	--	--
Sustainalytics	12.4 (Low Risk)	31.4 (High Risk)	32.7 (High Risk)	14.6 (Low Risk)	24.6 (Medium Risk)	36.4 (High Risk)
MSCI	CCC	CCC	BBB	A	BBB	CCC
UNGC Participant	✓	✓	In Progress	✓	In Progress	In Progress

CDP 2022 results awaited. First time CDP submissions done by AEL and ATGL in 2022

# 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, AEL</li> <li>• Water harvesting – APSEZ, AGEL, ATL, APL</li> <li>• Zero waste to landfill – APSEZ, AGEL, ATL, AEL</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, AEL</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

	adani Ports and Logistics	adani Power	adani Transmission	adani Renewables	adani Total Gas	adani Enterprises
Net Zero	✓	NC	✓	NC	✓	✓ *
Water Neutrality	✓	NC	✓	✓	NC	✓
Zero Waste to Landfill	✓	NC	✓	✓	NC	✓
SUP Free Sites	✓	✓	✓	✓	✓	NC
Mangrove / Afforestation	✓	✓	✓	✓	✓	✓
Zero Biodiversity Net Loss (IBBI)	✓	✓	✓	✓	NC	✓

**NC** No stated commitment

Airports & Data Center : Operational Net Zero

# 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

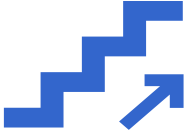
HR policy framework being continuously enhanced based on stakeholders' engagement

**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




Employee Life Cycle Management

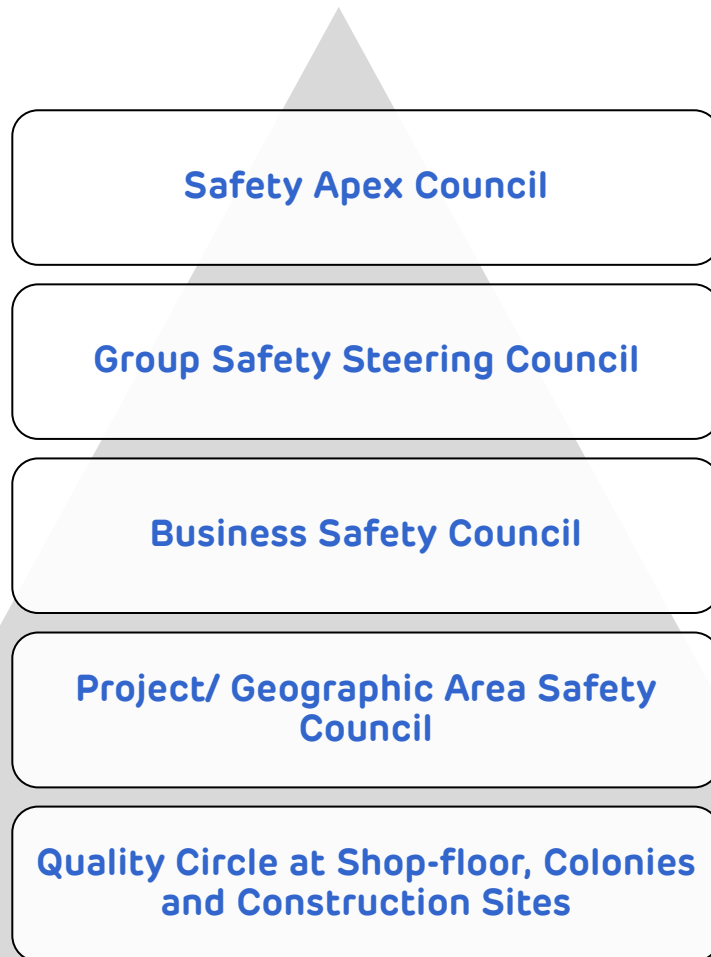


Contractor Labour Management System



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

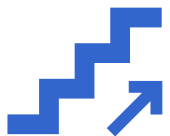
### Techno-commercial practices being continuously enhanced factoring stakeholders' feedback

- 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



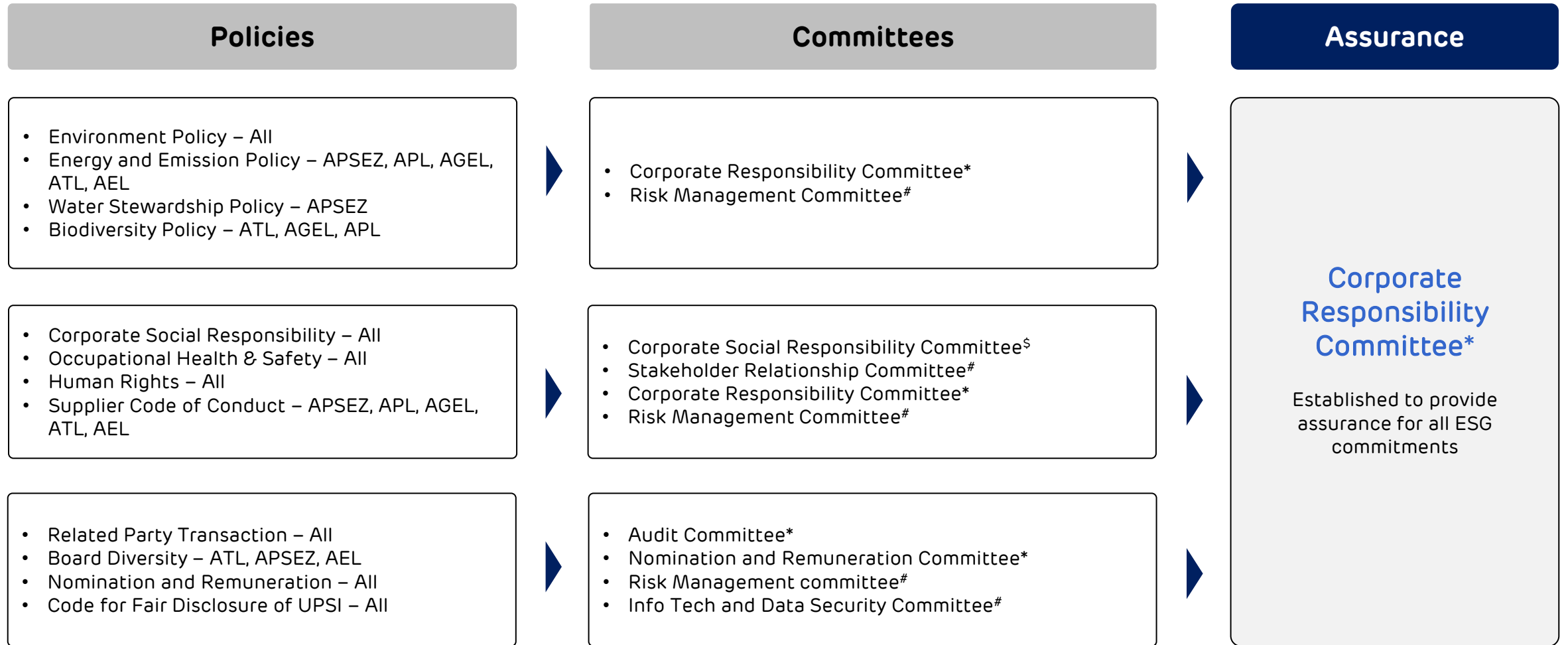
Digitization of Procurement Processes

#### 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

\* 100% Independence; § At least 75% Independence; and # At least 50% Independence

# 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

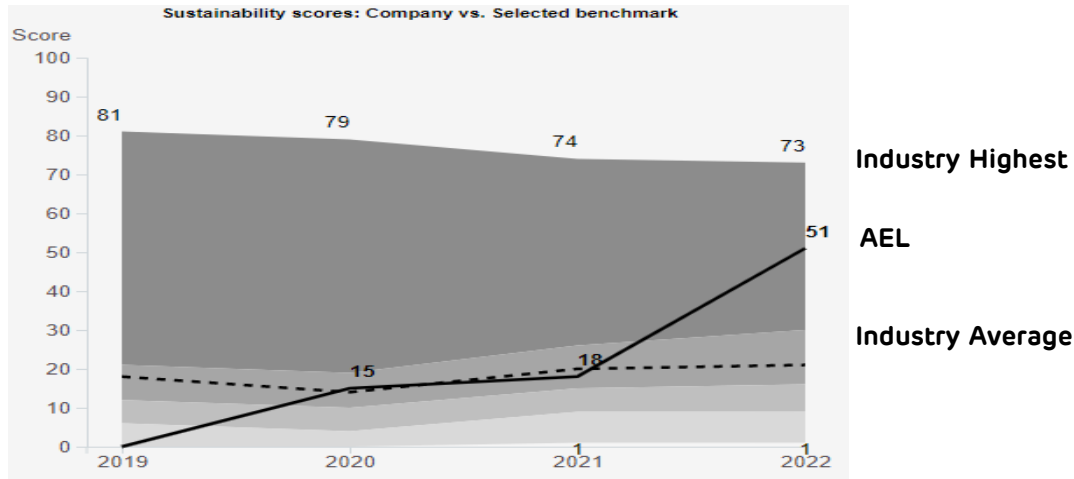
# Adani Enterprises Ltd (AEL) : ESG performance update

## ESG Rating in DJSI (S&P Global)

**Ranked 7<sup>th</sup>** in its peer group in the world for 2022  
**AEL scored 51/100** against the industry average score in the peer group 21/100

## Primary Industries (Mining Services)

Achieved **"FIMI – Hindalco – Aditya Birla Award for Sustainable Mining"** for **Best efforts in Biodiversity Conservation and Sustainable Mining** for Parsa East and Kanta Basin coal mine located at Surguja, Chhattisgarh.



**3% ↓\***  
**Energy Intensity**



**15% ↓\***  
**Emission Intensity**



**23% ↓\***  
**Water Intensity**



**99%**  
**Waste Managed through 5R  
 Waste Management**



**21.64 Lakh**  
**Trees Planted  
 Terrestrial Plantation**



**3797 Ha – C Afforestation**  
**102.5 Ha – Reclamation**  
**CA Land & Excavation Area**

## Adani New Industries Supply Chain Ecosystem

### Natural Resource Conservation

- Rooftop Solar plants helped to substitute ~ 4 % of Power requirement
- Specific Energy consumption is higher due to low production in Q2
- Specific DI water consumption is higher due to low production in Q2
- 27,636 plantations cultivated despite low fertility soil and semi arid conditions

### Waste to Wealth Generation

- Installed Bio-gas plant for treatment of 100% food waste and generation of cooking gas
- Conceptualised in-house wood recycling plant for recycling of pallets (1,114 pallets recycled ~35 MT of wood saved in H1 FY23)

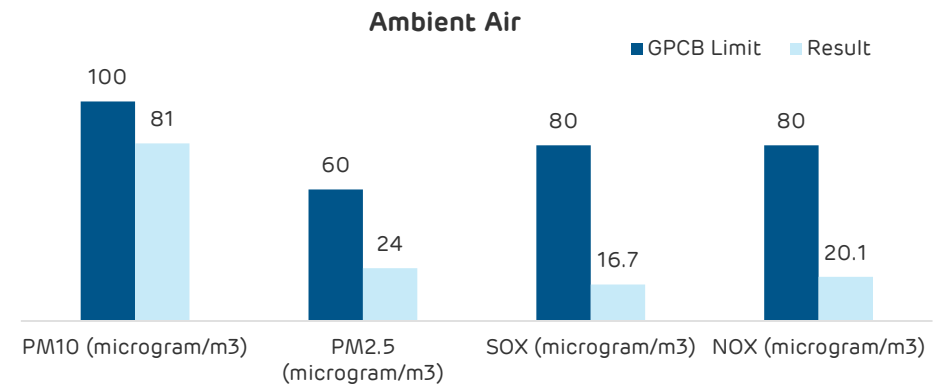
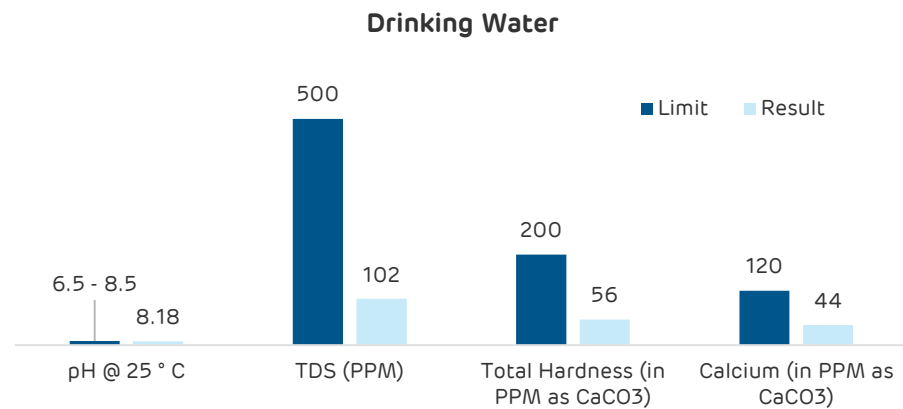
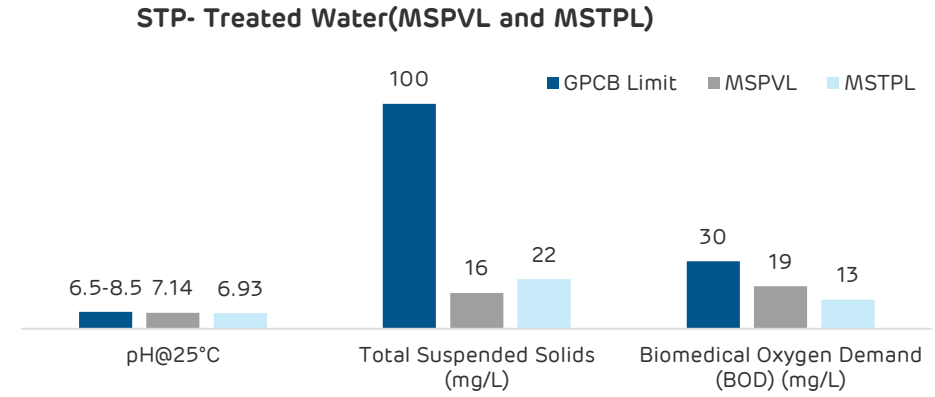
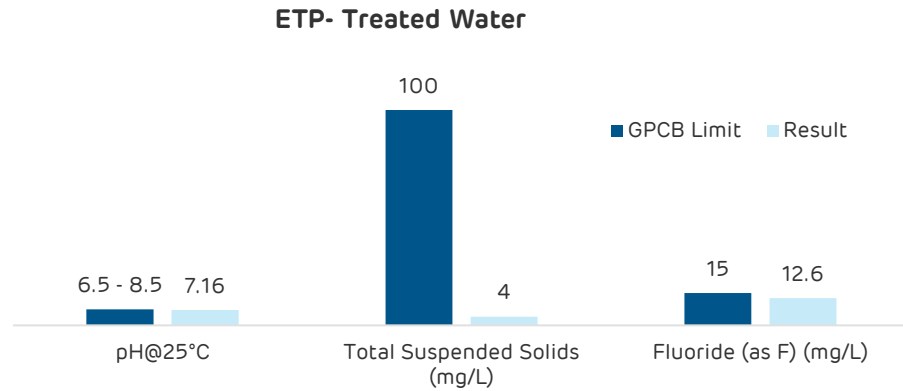
### Safety

- 8 improvements completed related to Fire Safety, Machine guarding, Forklift Safety etc. considering high-risk activities
- Consistent Improvement in EHS parameters
- Nil LTI (Lost Time Injuries) for consecutive three years

\* Compared to base year FY18; CA – Compensatory Afforestation; Ha – Hectare; DJSI: Dow Jones Sustainability World Index

# AEL : Adani New Industries Supply Chain Ecosystem

## 100% Compliance on Environment Conservation H1 FY23



All parameters are within GPCB Limits

Monthly assurance by GPCB approved agency to ensure compliance of GPCB norms

Note: Adani Solar spends USD 1.8Mn/Annum for effluent treatment

ETP - Effluent Treatment Plant | STP - Sewage Treatment Plant | GPCB – Gujarat Pollution Control Board

mg/L – Milligram per Liter | Nox - Nitric Oxide | SOx- Sulfur Oxide | TDS - Total dissolved solids | PM - particulate matter | pH - potential of hydrogen |

µg/m<sup>3</sup> - Per Cubic Meter Air | CaCO<sub>3</sub> - Calcium carbonate

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

## Key Updates on Environment & Social initiatives – H1 FY23

- **Pollution control & GHG emission reduction**
  - ✓ 7.5 Mn ton CO2 emission avoided in H1 FY23 (Including infirm Power)
  - ✓ 99.8% less emission Intensity per unit of generation (0.0018GHG tCO2/MWh) in H1 FY23 v/s Indian grid average of 0.79 tCO2/ MWh
- **Resource conservation**
  - ✓ 99.7% less Fresh Water consumption per unit of generation (0.02 kl/MWh) in H1 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
- **Supply Chain**
  - ✓ Completed CDP's Supply Chain Engagement program at AGEL with participation from 93% of our critical suppliers
- **Bio-diversity management**
  - ✓ Adopted a Technical Standard, developed in association with CII following IBBI Principles and IUCN Standard, to ensure 'No Net Loss' of biodiversity across all plants
- **Occupational Health & Safety**
  - ✓ 0.39 LTIFR in H1 FY23
  - ✓ 0.01 mn continuous safe man hours in H1 FY23
  - ✓ 65,740 workman training hours on safety in H1 FY23
- **Sustainable Livelihood**
  - ✓ 1,671 direct/ indirect job opportunities provided in H1 FY23
  - ✓ Employee retention rate of 90% in H1 FY23

## Key Commitments

Indicator	FY25 Target	FY23 Target	Status: H1 FY23
Water neutral operating capacity (MW) for plants > 200 MW	100%	60%	42%
Zero waste to landfill operating capacity (MW)	100%	50%	100% <sup>1</sup>
Single use plastic free operating capacity (MW)	100%	100% (Already achieved in FY22)	100% <sup>2</sup>

1. External audit completed and certification in progress
2. Certification in progress for plants commissioned in H1 FY23

## Governance - Revised Board of Charter implemented

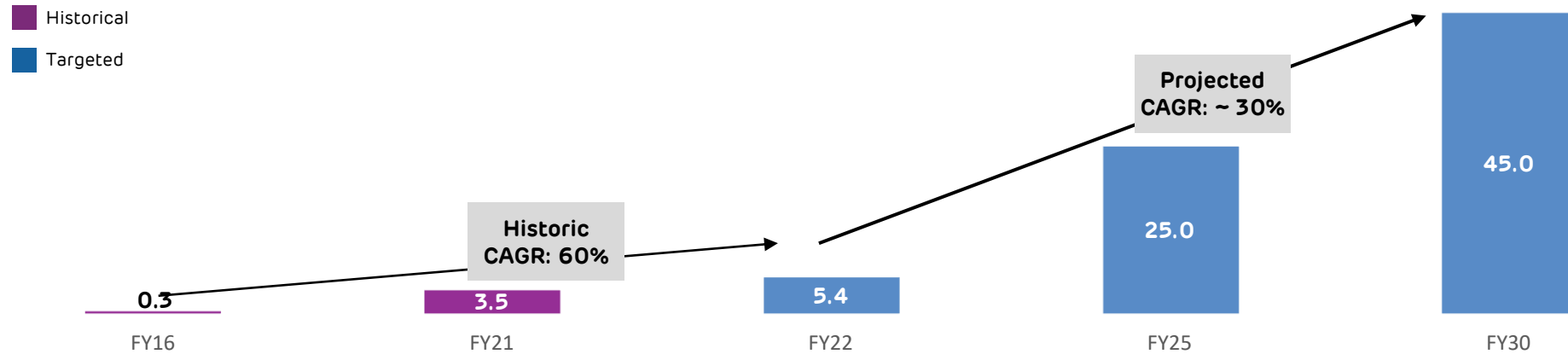
- **Newly formed Board Committees**
  - ✓ Corporate Responsibility Committee with 100% Independent Directors to assure implementation of ESG commitments
  - ✓ New Sub-Committees of Risk Management Committee with at least 50% Independent Directors
  - ✓ Mergers & Acquisitions Committee
  - ✓ Legal, Regulatory & 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

**Achieved Sustainability ESG Risk Rating of 'Low Risk' with a score of 14.6, the best amongst key global peers and significantly better than global Utilities sector average of 33.5**

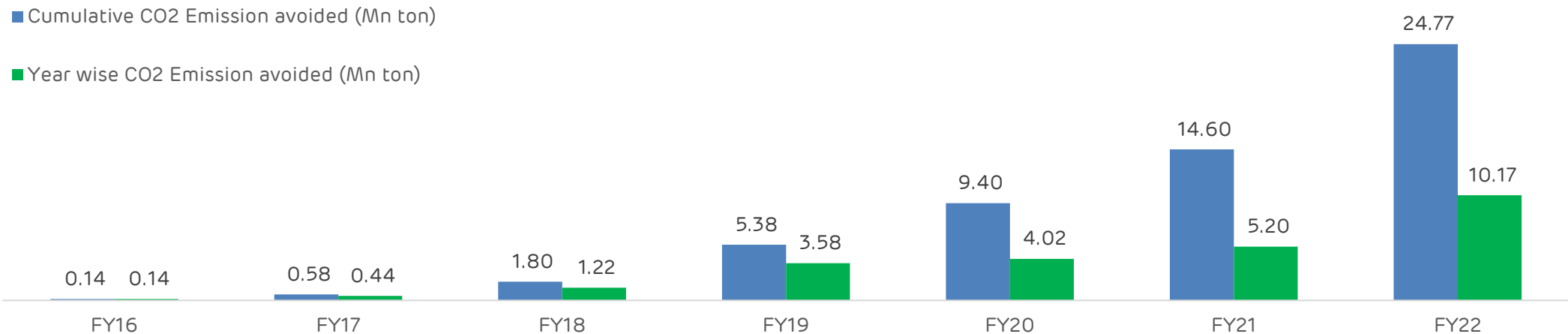


# Adani Green Energy Ltd (AGEL) : Renewable Capacity build up & resultant CO2 Emission avoided

## 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> 2emission 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 22% renewable in power mix as of Sep'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 FY22-23
- 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 Q2FY23





















- Safety training: 40,344 man-hours of safety training and awareness during Q2FY23
- Positive Safety Culture:
- Physical training on fall protection equipment's for working at height was conducted at Koradi and Akola Substation
- Enhanced safety awareness through Monthly Safety Quiz Series (MSQS)
- Conducted 'Electrical Safety at Home' Webinar for Consumers & Employees
- 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: Received "Gold Award" Under "Apex India Occupational Health & Safety Award 2022"

## Safety Performance in Q2FY23

Safety Parameters	Transmission		Distribution (AEML)	
	Q2FY23	Q2FY22	Q2FY23	Q2FY22
Near Miss Reporting (Awareness)	1,493	1,018	1,674	957
Suraksha Samwad (Safety Dialogue)	2,781	2,293	2,680	45
LTI	0	2	1	9
Fatalities	2	0	0	0
LTIFR (LTI Frequency Rate)	0.64	0.64	1.65	1.84
LTI (LTI Severity Rate)	3,882.78	9.67	23.09	66.25
Safety training by Safety team (in Man-Hours)	37,945	33,706	2,399	4,523

Notes: LTI frequency rate and LTI severity rate lower the better; LTI Frequency Rate: Reportable loss time injury (RLTI)\*1000000/Man hours worked; LTI severity Rate : Man days Lost (MDL)\*1000000/Man hours Worked

# Adani Total Gas (ATGL) : ESG performance update

Particulars	Description	UN SDG
 <b>Solarization</b>	<ul style="list-style-type: none"> <li>- <b>650 Kw</b> capacity Rooftop solar installed in 36 sites</li> <li>- <b>508 KW</b> installation in process ,</li> <li>- <b>1.2K MW</b> by 2023</li> </ul>	
 <b>Green Building</b>	<ul style="list-style-type: none"> <li>-New HQ built with Green building norms</li> <li>- Documentation and application to <b>IGBC</b> Gold rating certification (Indian Green Building Certification) process on-going.</li> </ul>	
 <b>Single Use Plastic</b>	<p><b>In Ahmedabad GA</b> (Heritage , Wadaj , Drive in , Maninagar and CGS Ramol) was certified Singe use plastic free by CII. No Single use plastic being used in this locations . Offices in Faridabad to be targeted next</p>	
 <b>Methane Leak Detection</b>	<ul style="list-style-type: none"> <li>- Total of <b>700 Km</b> LDAR survey has been completed by Josler with advanced technology , Identified leaks are repaired.</li> <li>- Inhouse Lock pressure test and repair of MDPE lines</li> </ul>	
 <b>Water Management</b>	<p>Water audit has been done for 17 sites. Water meter and Rainwater harvesting infrastructure is being installed across sites with the aim of <b>water neutrality</b></p>	
 <b>Decarbonization of Fleets</b>	<p>More than <b>85% LCVs</b> contracted to ATGL are CNG Powered , 100% by March'23</p>	
 <b>Green Belt Development</b>	<p>more than <b>45 ,000</b> sapling &amp; trees to be planted in 9 upcoming CGS including fruit bearing trees. <b>2075 sapling</b> were planted in CGS Ramol.</p>	
 <b>Energy Audits</b>	<p><b>50 ATGL</b> sites were evaluated and Sensors , Timers , Energy efficiency fans are being installed to minimize power consumption</p>	
 <b>Greenmosphere - Low Carbon society</b>	<p><b>1 Lakhs+</b> Sapling are planted with the aim 2.5 Lakhs plus plants spreading across 36,000 Sq feet  <b>3000+</b> students trained under Green millennials program on Climate Change</p>	
 <b>ESG Disclosures &amp; Ratings</b>	<ul style="list-style-type: none"> <li>- <b>DJSI (Dow Jones) &amp; CDP (Climate disclosure)</b>Ratings to be published in FY'23</li> <li>- Standalone <b>sustainability report</b> released</li> <li>- Released <b>BRSR (Business Responsibility &amp; Sustainability Report)</b> along with Integrated Annual Report FY'22</li> </ul>	

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

Indicator	FY25 Target	Till FY22 End	Status: H1 FY23
<b>Energy &amp; Emission</b>			
RE share in total electricity*	100%	20%	13%
Energy intensity reduction*	50%	38%	47%
Emission intensity reduction*	60%	45%	43%
<b>Water and Waste</b>			
Water consumption intensity reduction*	60%	58%	64%
Zero waste to landfill	12 Ports	6 Ports	6 Ports
<b>Afforestation</b>			
Mangrove afforestation	5000 Ha	3239 Ha	3239 Ha
Terrestrial plantation	1200 Ha	1000 Ha	1000 Ha
<b>Social</b>			
Safety	Zero Incidents	3 (Contract workers)	3 (Contract workers)
Community based skill development program (enrollment)	200,000	95,000	109,307
Women's self-help group	325	257	272

\*Base year is FY 2015-16; # Base year is FY 2017-18

\*\*We have enhanced Mangrove afforestation target for 2025 to 5000 Ha

# Ambuja Cement: ESG performance update

## Our sustainability strategy led by our Sustainable Development (SD) 2030 Plan



- Maximizing WHRS power by setting up additional facilities & augmenting existing facilities
- Scaling up renewable power – Solar, Wind & Hydro
- Increasing usage of alternative fuels
- Higher proportion of blended cement
- Accelerating green products & solutions
- Reduction freshwater withdrawal
- Focus on water governance, sustainable livelihood & social inclusion for the community

\* CO2 emissions are excluding emissions from Captive Power Plants

# ACC: ESG performance update

## Our sustainability strategy led by our Sustainable Development (SD) 2030 Plan

	 <b>Climate and energy</b>	 <b>Circular economy</b>	 <b>Environment</b>	 <b>Community</b>
<b>Target 2030</b>	Net specific CO <sub>2</sub> emissions* <b>400 kg /t</b> of cementitious materials	Use <b>30 million tons</b> of waste derived resources per year	Water Positive Index <b>5</b> (number of times)	<b>3.5 million</b> Number of new beneficiaries
<b>Performance Jan-Sep 22</b>	Net specific CO <sub>2</sub> emissions <b>475 kg /t</b> of cementitious materials	Consumed <b>8.4 million tons</b> of waste derived resources	<b>1.35</b> (number of times)	<b>0.4 million</b> (cumulative till Sep 22) people benefited through community development projects

- Maximizing WHRS power by setting up additional facilities & augmenting existing facilities
- Scaling up renewable power – Solar, Wind & Hydro
- Increasing usage of alternative fuels
- Higher proportion of blended cement
- Accelerating green products & solutions
- Reduction freshwater withdrawal
- Focus on water governance, sustainable livelihood & social inclusion for the community

\* CO<sub>2</sub> emissions are excluding emissions from Captive Power Plants



# 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 eight plants

**Using recyclable packaging**

- 97% of packing materials used are recyclable

**Sustainable Sourcing**

- Procured 95.7% 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 6 plants



**-A mission against malnutrition and anaemia in below 5 yrs age children, adolescent girls & women in reproductive age.**

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

Improving **health & nutrition** status of acute malnourished children up to 5 years of age with timely identification and curative action.

- **~1065** Villages and **~139** Slums
- **1700** Anganwadis
- **0.2 million** Households
- **482** Sanginis
- **~1.3 million** population

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

# Adani Portfolio: CSR

Annual Report 2021-22

adani  
Foundation

Transforming.  
TOgether.



Adani Foundation's Annual Report for 2021-22, themed "**Transforming Together**", narrating the multifaceted efforts and activities of Foundation undertaken in the field of **Education, Health, Sustainable Life Development and Community Infrastructure Development**, in alignment with the United Nations Sustainable Development Goals. The Foundation is now one of the world's most wide-reaching social support organization, having touched the lives of **more than 3.7 million people in 2,409 villages across 16 states in India**. The report also captures an update on Adani Foundation's key initiatives like SuPoshan, Saksham, Swachhagraha and Udaan which have become hallmark of Foundation's work.

## Our Work

Education

Health

Community  
Infrastructure

Sustainable  
Livelihood

Saksham

Swachhagraha

Udaan

SuPoshan

Employee  
Volunteering  
Programme



Thank You



A large, bold, dark blue letter 'A' with rounded terminals, serving as a logo or section marker.

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

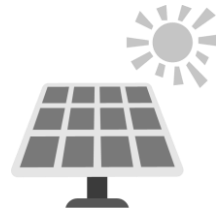


**New ground water recharge reservoir built**  
**52,982 m<sup>3</sup>/yr**



**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



### 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**

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