

adani

# Adani ESG Universe

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ESG Updates

May 2022



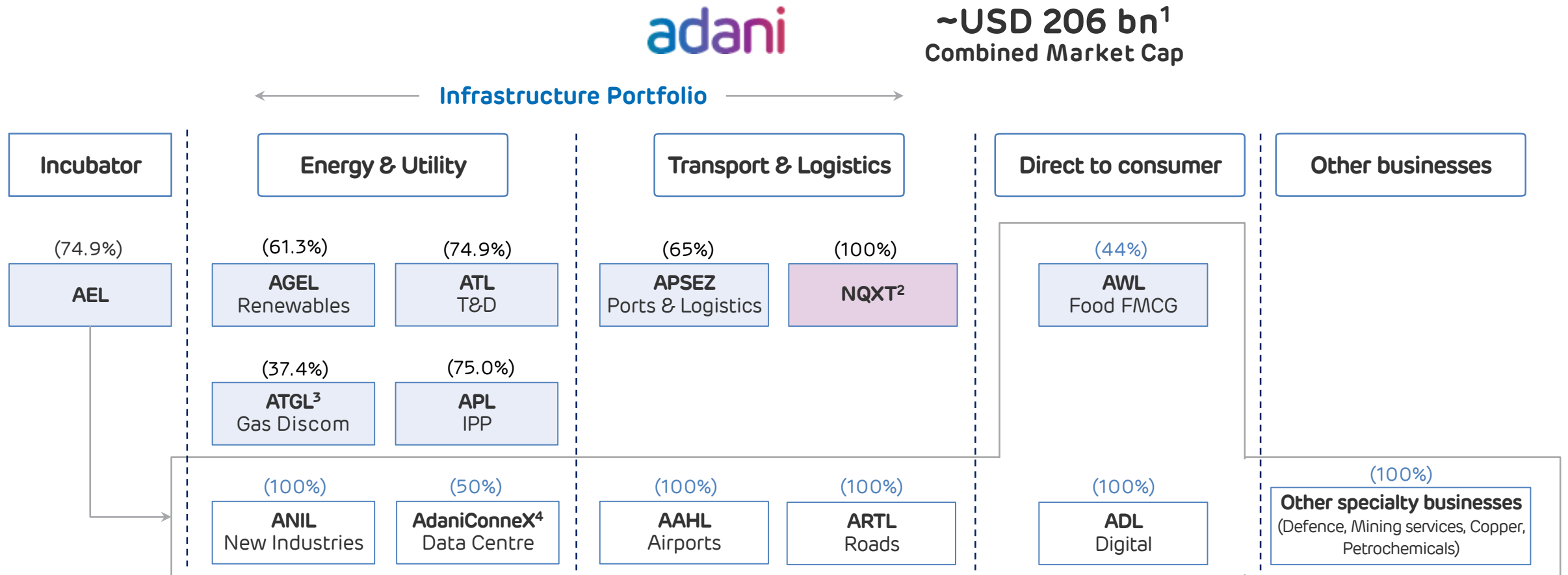
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01

Adani Portfolio Overview

# Adani Group: A world class infrastructure & utility portfolio



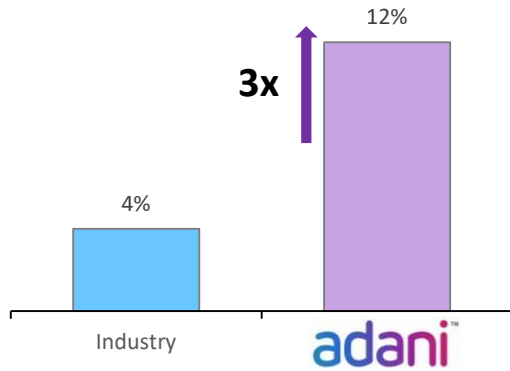
(%): Promoter equity stake in Adani Portfolio companies  
 (%): AEL equity stake in its subsidiaries

Light blue box - Represents public traded listed verticals

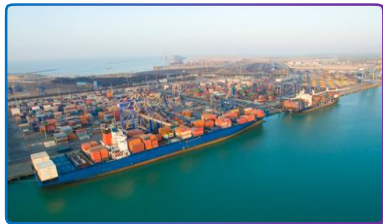
**A multi-decade story of high growth and de-risked cash flow generation**

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

Port Cargo Throughput (MMT)



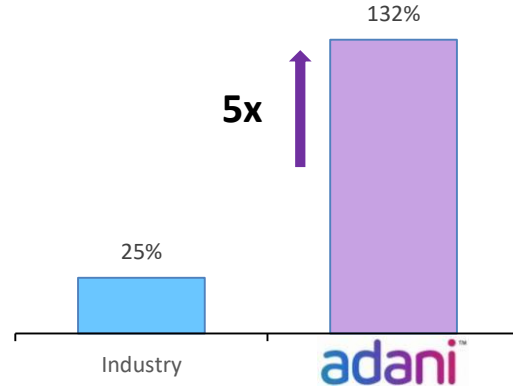
2014	972 MMT	113 MMT
2021	1,246 MMT	247 MMT



## APSEZ

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

Renewable Capacity (GW)



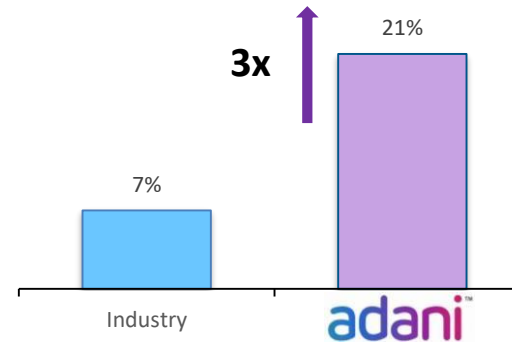
2016	46 GW	0.3 GW
2021	140 GW <sup>9</sup>	19.3 GW <sup>6</sup>



## AGEL

World's largest developer  
**EBITDA margin: 91%**<sup>1,4</sup>  
 Among the best in Industry

Transmission Network (ckm)



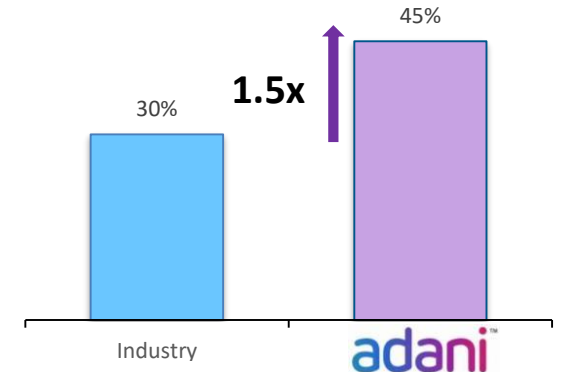
2016	320,000 ckm	6,950 ckm
2021	441,821 ckm	18,336 ckm



## ATL

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

CGD<sup>7</sup> (GAs<sup>8</sup> covered)



2015	62 GAs	6 GAs
2021	228 GAs	38 GAs



## ATGL

India's Largest private CGD business  
**EBITDA margin: 41%**<sup>1</sup>  
 Among the best in industry

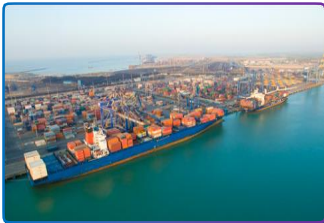



Transformative model driving scale, growth and free cashflow



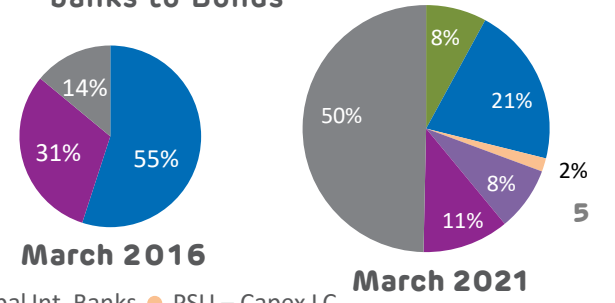
# Adani Group: Repeatable, robust & proven transformative model of investment



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	Origination	Site Development	Construction	Operation	Capital Mgmt
	<p>India's Largest Commercial Port (at Mundra)</p> <p>Highest Margin among Peers</p> 	<p>Longest Private HVDC Line in Asia (Mundra - Mohindergarh)</p> <p>Highest line availability</p> 	<p>648 MW Ultra Mega Solar Power Plant (at Kamuthi, TamilNadu)</p> <p>Constructed and Commissioned in nine months</p> 	<p>Energy Network Operation Center (ENOC)</p> <p>Centralized continuous monitoring of plants across India on a single cloud based platform</p> 	<ul style="list-style-type: none"> <li>First ever GMTN of USD 2Bn 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 \$1.35 Bn - will fully fund its entire project pipeline</li> <li>Issuance of 20 &amp; 10 year 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>

**Debt structure moving from PSU's banks to Bonds**



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

# ESG 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 framework backed by robust assurance program






## ESG credentials of Adani Portfolio companies

	 <b>APSEZ</b>	 <b>APL</b>	 <b>ATL</b>	 <b>AGEL</b>	 <b>ATGL</b>	 <b>AEL</b>
<b>TCFD Supporter</b>	✓	✓	✓	✓	<b>Not applied</b>	<b>Not applied</b>
<b>SBTi Commitment</b>	✓	Not applied	✓	✓		
<b>UNGC Member</b>	✓	✓	Not applied	✓		
<b>IBBI Member</b>	✓	✓	✓	✓		
<b>DJSI (2021 Score)</b>	✓ (57/ 100)	✓ (64/100)	✓ (63/ 100)	✓ (66/ 100)		
<b>CDP – CC (2021 Score)</b>	✓ (B-)	✓ (C)	✓ (D)	✓ (B)		
<b>CDP – WS (2021 Score)</b>	✓ (B)	✓ (B-)	Not applied	Not applied		
<b>Sustainalytics</b>	13.71 (Low Risk)	32.4	32.5	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>
<b>Carbon Neutrality</b>	✓	NA	NA	NA	NA	NA
<b>Water Neutrality</b>	✓		✓	✓		
<b>Zero Waste to Landfill</b>	✓		✓	✓		
<b>SUP Free Sites</b>	✓	✓	✓	NA		
<b>Mangrove / Terrestrial Afforestation</b>	✓	✓	NA	NA		
<b>Zero Biodiversity Net Loss</b>	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




**Employee Life Cycle Management**

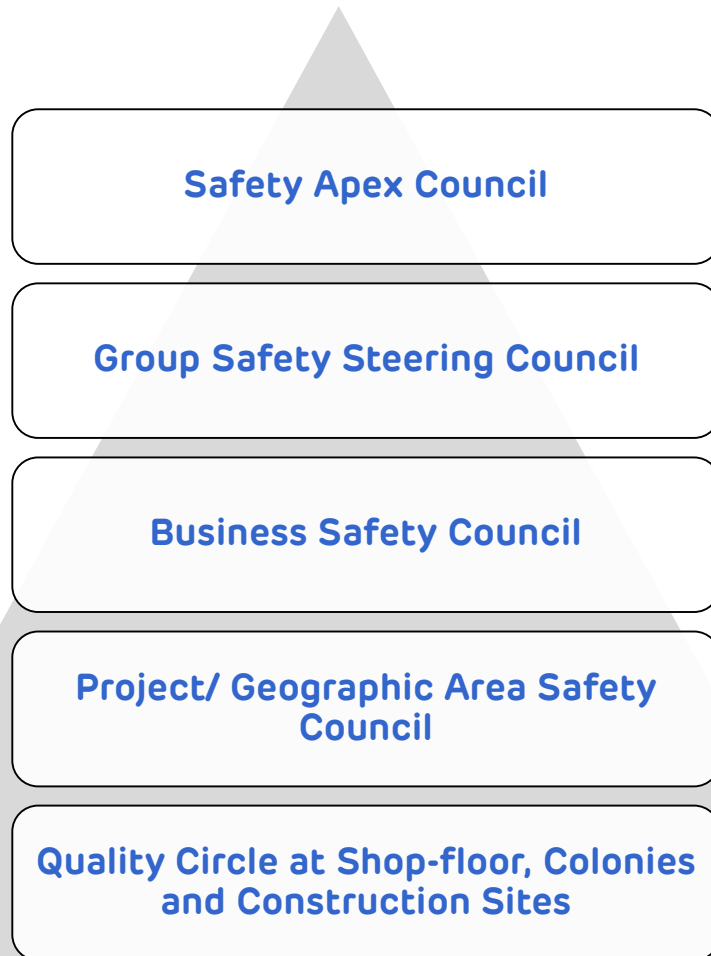


**Contractor Labour Management System**



**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 Ports and SEZ Ltd (APSEZ) : ESG performance update

- Over achievement against targets on most indicators/ metrics

Indicator	FY25 Target	FY22 Target	Status: FY22
<b>Energy &amp; Emission</b>			
RE share in total electricity*	100%	15%	20%
RE share in total energy*	25%	6%	7.7%
Energy intensity reduction*	50%	30%	54%
Emission intensity reduction*	60%	35%	48%
<b>Water and Waste</b>			
Water consumption intensity reduction*	60%	55%	58%
Zero waste to landfill	12 Ports	6 Ports	3 Ports (completed) + 3 Ports (certificate awaited)
Single use plastic free sites	12 Ports + 4 ICDs + 14 AL sites	11 Ports + 4 ICDs	9 Ports (completed) + 4 ICDs (in progress)
<b>Forest conservation &amp; Afforestation</b>			
Mangrove afforestation	4000 Ha	3230 Ha	3239 Ha
Terrestrial plantation	1200 Ha	1000 Ha	975 Ha (completed) + 25 Ha (in progress)
<b>Social</b>			
Safety	Zero Incidents	Zero Incidents	3 Fatal + 16 LTI
Voluntary attrition	<4%	<4%	13%

Intensity based on operational revenue (INR in Crore)

\*Base year FY16

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

## Key Recent Updates

- ✓ **Signed UN Energy Compact**, meant to accelerate global action towards Sustainable Development Goal –7 'Clean and Affordable Energy'
- ✓ **Joined CDP's The Science Based Targets Initiative Incubator Project (SBTiIP)** in order to advance its SBTi commitment
- ✓ Became **founding member of 'Global Alliance on Sustainable Energy'**, which aims to ensure renewable sector is fully sustainable and respects human rights
- ✓ Became the **first Indian member of GRI South Asia charter on Sustainability Imperatives** strengthening its commitment towards UN SDG 7, 9 and 13
- ✓ **Board charter has been revised** by forming **new committees** and **increasing representation of independent directors** in existing committees
- ✓ **100%** of AGEL's operating capacity is now **single-use plastic (SUP) free**
- ✓ AGEL achieves **CDP 2021 score of 'B' surpassing the Global average**, Asia average and Renewable Energy sector average.

## Key Commitments

Indicator	FY25 Target	FY22 Target	Status: 9M FY22
Water neutral operating capacity (MW)	100%	40%	40%
Zero waste to landfill operating capacity (MW)	100%	50%	#
Single use plastic free operating capacity (MW)	100%	50%	100%

# Implementation underway, external certification to follow

## Other Key Updates on Environment & Social initiatives – FY22

### ➤ Pollution control & GHG emission reduction

- ✓ **10.17 Mn ton CO<sub>2</sub>** emission avoided in FY22
- ✓ **99.5% less emission Intensity** per unit of generation (0.002 GHG tCO<sub>2</sub> / MWh) in FY22 v/s Indian grid average of 0.83 tCO<sub>2</sub> / MWh

### ➤ Resource conservation

- ✓ **99.14% less Fresh Water consumption** per unit of generation (0.03 kl/MWh) in FY22 as against 3.5 kl / MWh, statutory limit for thermal power
- ✓ **100% of AGEL's operating capacity** is now single-use plastic free under CII Plastic Protocol

### ➤ 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

- ✓ **0.18 LTIFR** in FY22
- ✓ **4.12 mn continuous safe man hours** in FY22
- ✓ **89,460 workman training hours on safety** in FY22
- ✓ **Employee retention rate of 84.33%** in FY22

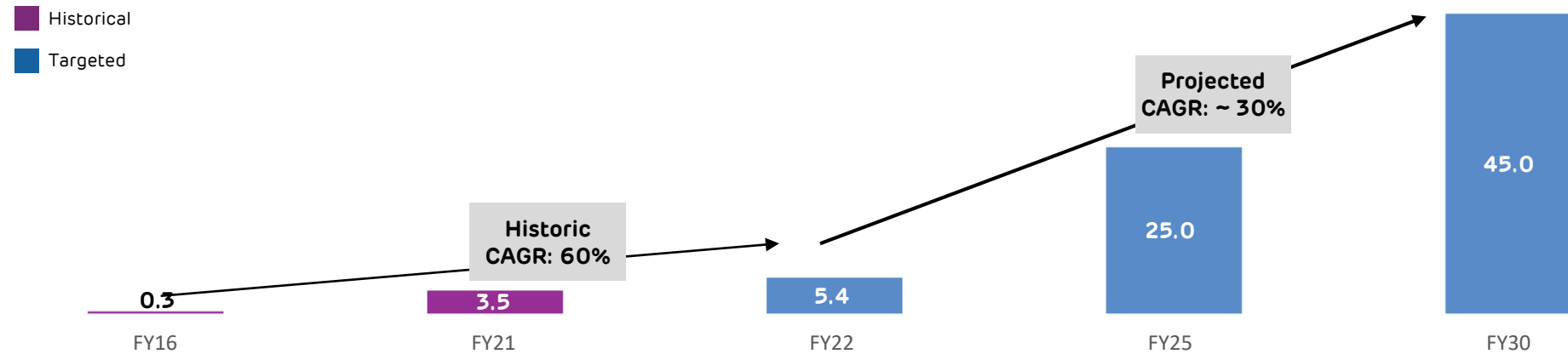
### ➤ Sustainable Livelihood

- ✓ 3693 direct/ indirect job opportunities provided in FY22

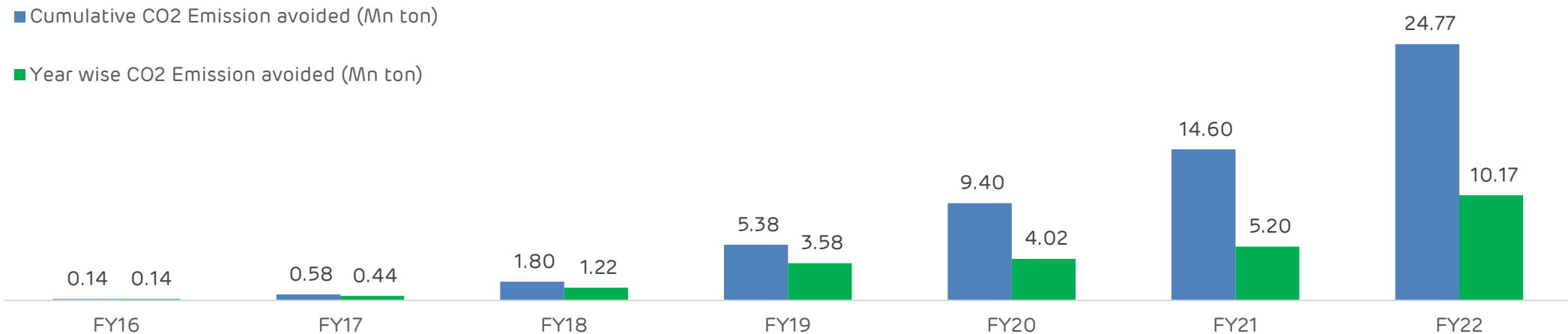
**AGEL achieved CDP 2021 score of 'B' surpassing the Global average, Asia average and Renewable Energy sector average**



## 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

## ESG Initiatives and Achievements – FY22

- One of the 20 companies from India to **become signatory to UN “Energy Compact” during COP26** in Nov’21. Received **recommendation letter from UN Energy** for commitment towards the SDG-7 goal
- Electric utility to have a **policy for inclusion of EVs in the new fleet**. Announced during COP26 by World Business Council for Sustainable Development (WBCSD)
- AEML’s Dahanu plant **achieved certification for Zero Waste-to-Landfill (ZLD)**
- Achieved **Zero Waste to Landfill at all ATL O&M sites**
- Three substations achieved **‘Single Use Plastic Free’** Certification from CII to be replicated across sub-stations
- Higher number of **Nominee Directors in Board** with greater diversity and independence
- Board Committees for **CSR, Corporate Responsibility, Risk and Stakeholders**
- Safety training: **1,14,369 man-hours** of safety training and awareness
- Won **three awards (Platinum, Gold and Silver)** in Environmental and Economic Sustainability Category in **CII’s Sustainability Competition**
- **Awards from Greentech Foundation** on Excellence in Corporate Governance, Safety Excellence, Human Resource
- Felicitation from **Ministry of New and Renewable Energy (MNRE)** for submission of energy compact goals at United Nations at COP26

### Latest ESG Rankings



- ESG rankings **improved 21% yoy** in S&P GCSA for 2021; **scored 63/100** vs. 52 last year
- FTSE (2021): 3.3/5 / MSCI (2020): BBB

### Core ESG Focus Areas



- Consistently improve ESG ratings assigned by DJSI-S&P, MSCI, FTSE in each of the areas of E,S and G
- Reduction of emission levels and increase green power procurement
- Zero tolerance for fatalities

# 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

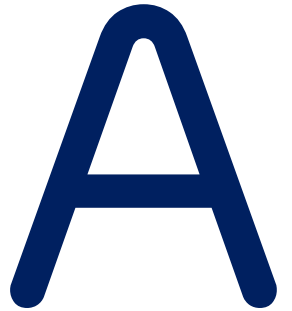
Support efforts in **reducing Infant Mortality Rate (IMR)** and **Maternal Mortality Rate (MMR)**

- **~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





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

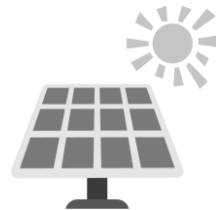


**New ground water recharge reservoir built**  
**52,982 m<sup>3</sup>/yr**



**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**

# Adani Total Gas (ATGL) : ESG performance update

## Solarization

### Installation of solar panels in feasible ATGL sites



Target  
**1 MW**



Total Installation  
**550 KW**

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

- **5** City Gas Stations
- **2** Offices
- **25** 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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