

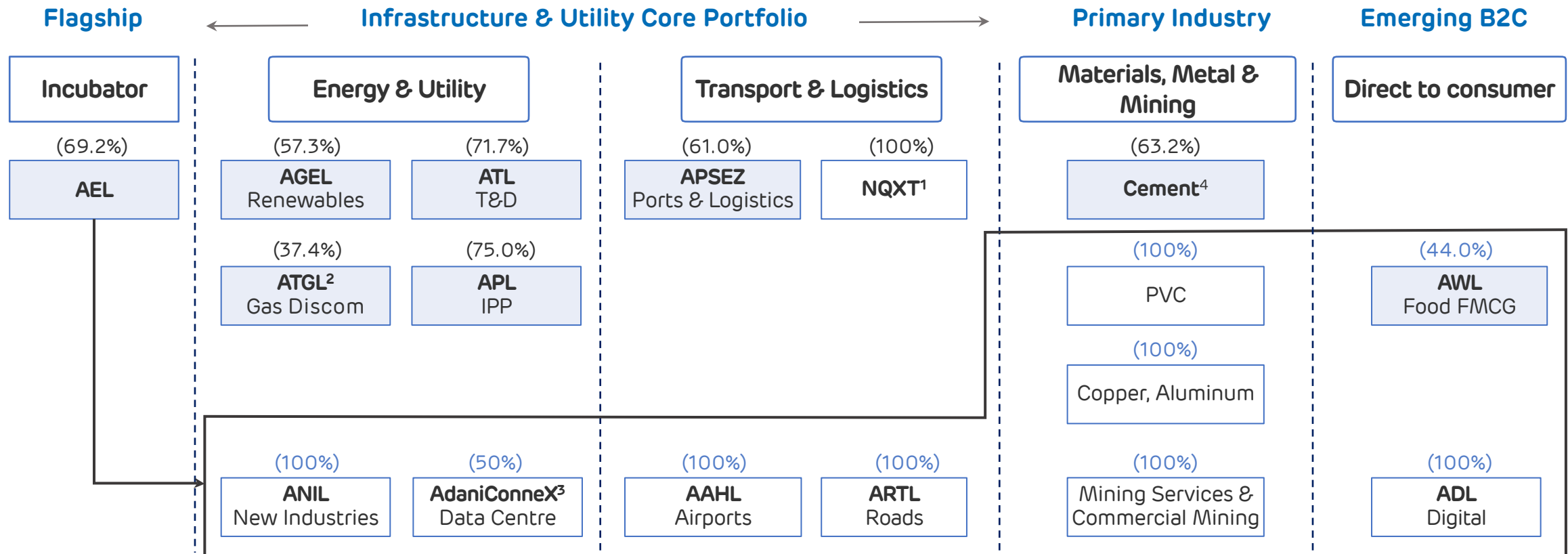


Adani Portfolio ESG Snapshot – FY23

06 June 2023



Adani: A World Class Infrastructure & Utility Portfolio



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

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

[1. NQXT: North Queensland Export Terminal | 2. ATGL: Adani Total Gas Ltd, JV with Total Energies | 3. 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

4. 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

Adani Portfolio – Emerging as a world leader in ESG

APSEZ

- Accorded **1st position** in global rankings for “Transport & Logistics” sector among emerging markets by **Moody's ESG Solutions**
- Ranked top 10 out of 297 cos. in Global Transportation & Transportation Infra sector in **S&P Global Corp. Sustainability Assessment**

ATL

AEML has achieved **30.04% renewable in power mix as of Mar'23**, legally committed to a target of **60% by FY27**

AGEL

- AGEL certified '**water positive**' by **DNV for FY23** – surpassing its target to become **Net Water Neutral by FY25** way ahead of time

APL

- APL achieved score of 59/100 in Corporate Sustainability Assessment (CSA) by S&P Global, which is better than World electric utility average score of 33/100. The Score was revised to 54/100 on 18.02.2023 citing Media & Stakeholder Analysis. APL has applied for reassessment of score.
- APL scored 3.5/5.0 In FTSE ESG rating, which is better than World Utilities Average score of 2.7/5.0 in Dec '22

AEL

- IGBC Platinum certification achieved for 'Data Centre' facility in Chennai and 'Solar business" building in Mundra
- Adani Solar has won the 'Aegis Graham Bell' Award in the category for Innovation in Manufacturing
- MIAL - Best Sustainable Airport at the ASSOCHAM 14th International Conference and Awards for Civil Aviation, 2023

FY 25 Targets

Key Environmental Initiatives

UN SDGs



100% RE share in total electricity
50% energy intensity and 60% emission intensity reduction



Zero waste to landfill for 12 ports
60% water consumption intensity reduction



5,000 Ha mangrove afforestation
1,200 Ha terrestrial plantation



Zero incident
<4% voluntary attrition














- Extension of IMS certification coverage to entire business
- Total Cranes Electrification 33 nos
- Digitalization of 50 electromagnetic water meters
- 338 nos of E ITVs in operation across the sites
- **Electrification of equipment-** Gangavaram converted 2 diesel tele-stackers & 2 harbor cranes to electrically operated; Dighi installed 2 e-truck loading hoppers for dry cargo handling
- Mangrove **afforestation & terrestrial plantation:**
 - o Mundra (125,000 mangrove plantation; +40,000 sqm green belt)











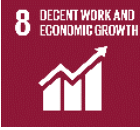






Ranking & Awards

- Accorded **1st position** in global rankings for “Transport & Logistics” sector among emerging markets by **Moody's ESG Solutions**
- Mundra Port received the prestigious **Platinum Award** for ‘**Environment Management**’ from Grow Care India during the 7th Annual Environment Award and Conference on Climate Change Impact on Industries for Service Sector
- Ranked top 10 out of 297 cos. in Global Transportation & Transportation Infra sector in **S&P Global Corp. Sustainability Assessment**
- Kattupalli Port and Mormugao Port has received the ‘**Platinum Award**’ for ‘**Sustainability**’ and ‘**Environment Excellence**’ respectively from Apex India Foundation during the Apex India Green Leaf Awards 2022





Planned initiatives for integrating environmental aspects in all our business operations – Reduction in GHG emissions by 50% by 2030

Targets	Key Environmental Initiatives	UN SDGs
 <p>Plant 2 Lakhs+ Trees, 120 school sessions/ year</p>	<ul style="list-style-type: none"> – 2.15+ Lakhs saplings planted across various location including in Biodiversity Park in Ahmedabad till date 	 
 <p>Water Neutrality by 2030</p>	<ul style="list-style-type: none"> – Water audit completed in 58 sites of ATGL, on track to become water positive in the coming years with focus on water consumption, meters & rainwater harvesting 	 
 <p>Installation of 1.2 MW rooftop solar plants by 2024</p>	<ul style="list-style-type: none"> – Rooftop solar capacity of 870 kW installed in 50 sites, Captive solar plant is being explored in FY23-24 	 
 <p>Set up 1,000 EV charging stations</p>	<ul style="list-style-type: none"> – ATGL has set up Adani TotalEnergies E-Mobility Limited (ATEEL) for E-mobility initiative to set up EV charging stations. ATGL has already set up 104 charging points. On track to install 4000+ EV charging points by 2024 	 
 <p>100% Decarbonisation of Fleets by 2023</p>	<ul style="list-style-type: none"> – 100 % LCVs switched to low carbon fuels (from diesel to CNG) – 10% Y-o-Y reduction in methane leak detection & repair (LDAR): 1150 km LDAR survey has been completed TYD and identified leaks are repaired. – 1 Existing Biogas plant operational, 2nd plant to be commissioned by Jan' 2024 – 5 Certified single use plastic free (SUP) locations, target to obtain SUP certification for all offices and ZWL certification for 5 location in FY23-24 	

Planned initiatives for integrating environmental, social and governance milestones in our business operations

Targets	Key Environmental Initiatives	UN SDGs
 <p>70% reduction in GHG emission intensity by FY30</p>	<ul style="list-style-type: none"> - AEML has achieved 30.04% renewable in power mix as of March'23 - Dahanu Power Plant attained Zero Waste to Landfill status - SUP free status: <ul style="list-style-type: none"> o A total of 37 ATL operational sites, i.e., 30 substations and 7 transmission line clusters including stores, have been certified as 'Single-use Plastic Free o In March 2023, AEML (Transmission and Distribution) received its Single Use Plastic Free Certification from Bureau Veritas. - Afforestation of 441 hectares area in FY21-22 - Already achieved "Net Water Positive" status for 30 substations and 7 TL clusters under UNSDG 6 - Carried-out rainwater harvesting feasibility study and implemented water metering across all sites - 3.362 MWp solar capacity at Mahendragarh, Akola, Koradi, Sami, Morena, Rajnandgaon - % of women directors in board increased to 28.5% - Board now comprises of total 7 directors with 4 independent directors 	          
 <p>Renewable energy share in power procurement – 60% by FY27</p>		
 <p>Zero health and safety related injuries</p>		
 <p>"Net Water Positive" Company for 100% of its assets under O&M Business</p>		

Planned initiatives for integrating environmental, social and governance milestones in our business operations

Targets	Key Environmental Initiatives	UN SDGs
 <p>Airport and data center businesses to become operational net zero by 2030</p>	<ul style="list-style-type: none"> Adani Airports has converted all company owned vehicles from diesel to electric across all its operational sites Mining business achieved 26% Reduction in water intensity as compared to FY 21 As part of our commitment to no net loss to biodiversity, Adani Group has pledged to grow 100 million trees by 2030 which is the largest 1t.org pledge in India so far and is amongst the most ambitious corporate pledges globally 44% reduction in operational emissions in Adani Airports** 17 % reduction in electricity consumption from RE sources in Adani Solar** IGBC Platinum certification achieved for 'Data Centre' facility in Chennai and 'Solar business" building in Mundra Adani Solar has won the 'Aegis Graham Bell' Award in the category for Innovation in Manufacturing MIAL - Best Sustainable Airport at the ASSOCHAM 14th International Conference and Awards for Civil Aviation, 2023 	
 <p>No net loss to biodiversity and 100% alignment with IBBI by 2030</p>		
 <p>Becoming a net water positive company by 2030</p>		
 <p>Zero waste to landfill certification for operational sites* by 2030</p>		

Planned initiatives for integrating environmental, social and governance milestones in our business operations

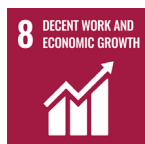
Targets	Key Environmental Initiatives	UN SDGs
<p>Reduction in GHG emission intensity to 0.84 tCO2e/MWh by FY 2025</p>	<ul style="list-style-type: none"> ✓ The Water Intensity performance of APL is 2.31 m3/MWh for FY 22-23 which is 34 % lower than Statuary limit for Hinterland plants (3.50 m3/MWh) & 7.6 % lower than stretched internal target of 2.50 m3/MWh ✓ APL achieved ash utilization of 94.1 % ✓ 07 out of 09 APL operating locations certified with SUP Free certification, APJL & MEL SuPF target for FY 2023 – 24. ✓ APL gets B Score For Fulfilling Climate Change and Water Security Commitments from CDP (Carbon Disclosure Project) for 2022. ✓ APL achieved score of 59/100 in Corporate Sustainability Assessment (CSA) by S&P Global, which is better than World electric utility average score of 33/100. The Score was revised to 54/100 on 18.02.2023 citing Media & Stakeholder Analysis. APL has applied for reassessment of score. ✓ APL scored 3.5/5.0 In FTSE ESG rating, which is better than World Utilities Average score of 2.7/5.0 in Dec '22 ✓ APL is a constituent company in the FTSE4Good Index Series ✓ APL score 87% in CSR HUB ESG Rating Jan '23 which is better than global industry average. 	
<p>Single-use-Plastic-Free (SuPF) Certified Company for 100% of operating locations by 2023-24</p>		
<p>Zero health and safety related injuries</p>		
<p>Explore Net carbon Neutral possibilities and public disclosures by 2023-24</p>		
<p>Contribution towards Tree plantation target till 2030 as a part of 100 million tree plantation pledge</p>		

Progress on initiatives

- **Pollution control & GHG emission reduction**
 - 13.5 Mn ton CO2 emission avoided in FY23
 - Pollution control & GHG emission reduction: 99.8% less emission Intensity per unit of generation (0.0018GHG tCO2 / MWh) in FY23 v/s Indian grid average of 0.71 tCO2 / MWh
- **Resource conservation**
 - 99.5% less Fresh Water consumption per unit of generation (0.02 kl/MWh) in FY22-23 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 as of March 2022
 - Zero waste to landfill certified for all Operational sites as of December 2022
- **Supply Chain**
 - CDP's Supply Chain Engagement program at AGEL with participation of 93% for AGEL's critical suppliers in FY22
- **Bio-diversity management**
 - Signed MoU with Rajasthan Government for habitat devt. project for Great Indian Bustard, a critically endangered bird species
 - Associated with IBBI for Task Force on Nature Related Financial Disclosure (TNFD) assessment to achieve No Net Loss of Biodiversity
 - Plantation of 3,600 neem trees along the road-side with tree guards at Bikaner
- **Occupational Health & Safety**
 - 1.98 mn continuous safe man hours in FY23
- **Sustainable Livelihood**
 - 3,810 direct/ indirect job opportunities provided in FY23
 - Helped farmers in livestock development and agriculture at 648 MW Kamuthi plant

Ranking & Awards

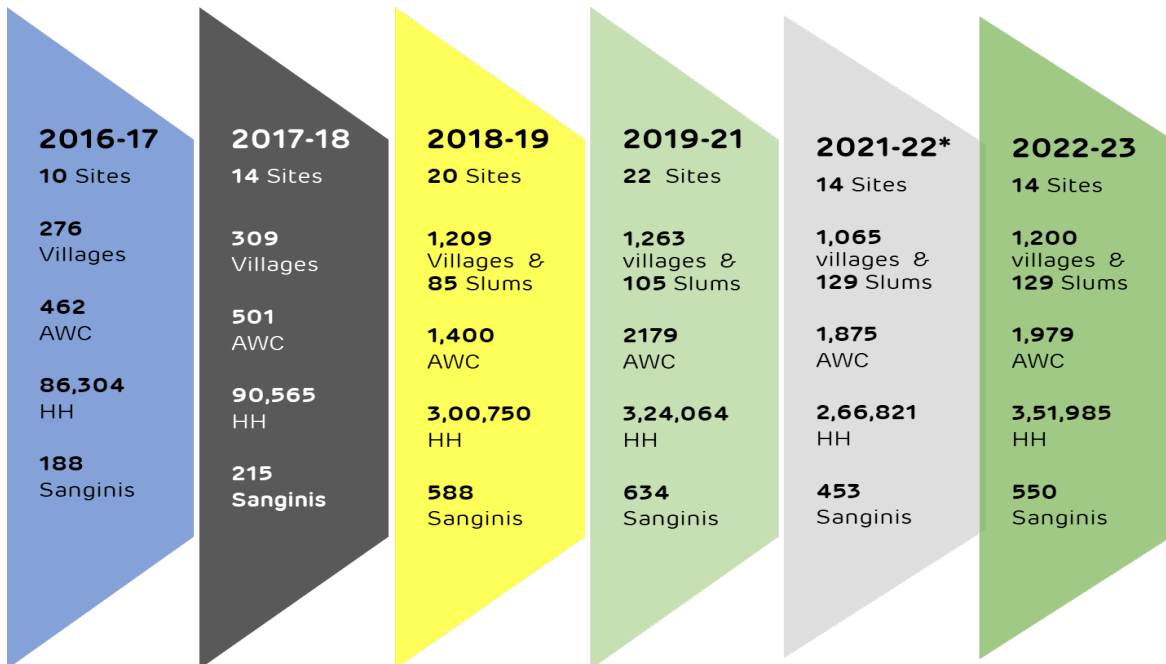
- AGEL certified 'water positive' by DNV for FY23 – surpassing its target to become Net Water Neutral by FY25 way ahead of time
- Conferred with '**Platinum**' Environment Award by **Grow Care India** in recognition of highest level of commitment & concern in **envt. mgmt.**
- Won '**Leaders Award**' at the **Sustainability 4.0 Awards**, conferred jointly by Frost & Sullivan & The Energy & Research Institute (TERI)





A Mission Against Malnutrition & Anemia

Touched over 1.6 million lives across India till date



Water Conservation:

- Efforts towards reducing water waste
- ZLD installed at 9 major plants (2900 KL per day)
- ZLD ensures recovery & reuse of water

Green Energy:

- Promoting alternative source of power
- Successful solar power implementation at 8 plants out of 23 own units.
- Plan to continue such installation across all plants over the years

Traceability of Palm Oil:

- Spearheading sustainability in Edible oils
- Adani Wilmar is amongst the early adopters of Sustainability by driving traceability of Palm Oil
- Traceability: Over 90% of palm oil Traceable up to Mills of Mar'23
- All plants are RSPO certified

Recyclable Packaging:

- Committed to environmental sustainability
- First Edible Oil Company to introduce recyclable packaging
- 98% of packaging is recyclable

Recognition

- Letter of appreciation from CII for **Excellence in Best Practices for managing plastics & packaging wastes**

Ambuja Cement

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

	Climate and energy	Circular economy	Environment	Community
Target 2030	Net specific CO ₂ emissions* 453 kg /t of cementitious materials	Use 21 million tons of waste derived resources per year	Fresh water consumption 62 Ltrs / T of Cementitious material	3.5 million Number of new beneficiaries
Performance Jan22-Mar23	Net specific CO ₂ emissions 512.6 kg /t of cementitious materials	Consumed 13.01 million tons of waste derived resources	48.69 Ltrs / T of Cementitious material	2.5 million people benefited through community development projects

Progress on initiatives (Ambuja)

- TSR has been improved from 6.62% during Jan.22-Mar.22 to 7.34% during Jan.23-Mar.23 by maximizing the usage of alternative fuels & Launching of "Geoclean"
- Commissioned 38.4 MW of WHRS (Bhattapara L1 and L2 – 13 MW, Rauri– 11.4 MW & Marwar – 14 MW), 22.2 MW under commissioning at Bhattapara L1-5.3 MW, Suli 9.8 MW
- Specific Electrical Energy has been reduced by 1.31% QoQ (Jan.-Mar.22 to Jan.-Mar.23) by taking various Energy Efficiency measures
- Clinker factor has been reduced by 0.62% QoQ (Jan.-Mar.22 to Jan.-Mar.23) and 0.85% QoQ (Apr.-Dec21 to Apr.-Dec22)

*CO2 emissions are excluding emissions from Captive Power Plants

ACC

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

	Climate and energy	Circular economy	Environment	Community
Target 2030	Net specific CO ₂ emissions* 400 kg /t of cementitious materials	Use 30 million tons of waste derived resources per year	Water Positive Index 5 (number of times)	3.5 million Number of new beneficiaries
Performance Jan23 to Mar23	Net specific CO ₂ emissions 420 kg /t of cementitious materials	Consumed 3.21 million tons of waste derived resources	0.8** (number of times)	0.63 million people benefited through community development projects

Progress on initiatives (ACC)

- TSR has been improved from 8.70 % in Jan'22 – Mar'22 to 10.49% in Jan'23 – Mar'23 by maximizing the usage of alternative fuels & Launching of "Geoclean"
- Commissioned 2.2MW WHRS in this Quarter, taking the total capacity to 22.4 MW of WHRS (Jamul – 10 MW & Kymore – 12.4 MW).
- Specific Electrical Energy has been reduced by 5.1% QoQ by taking various Energy Efficiency measures
- Clinker factor has been reduced by 6.16% QoQ
- Accelerating green products & solutions – Launching of ACC ECO MaxX an Expert Green Concrete

*CO2 emissions are excluding emissions from Captive Power Plants

**Q4 in non-monsoon period. From Jan. To Dec.22, WPI 1.35 number of times was reported.

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