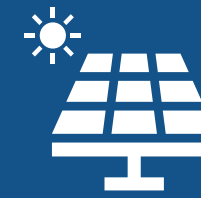




25th National Award for Excellence in Energy Management 2024

Weaving Green Practices into the Fabric of Work!

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Our Story

In Numbers



[1]



[2]

Select 200
Forbes DGEMS

6.5 Mn+ Sqft
Area Under Management

500+ Clients
In Dedicated Workspaces

CRISIL 'A'
Outlook Positive [3]

13 Cities
& Growing [4]

Green Champion
By IGBC & CII

Future Ready
Economic Times '23

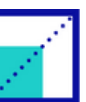
100+ Centers
Signed PAN
India

Startup of the Year
Entrepreneur '24



[1] ISO Certifications : 41001 : Facility Management System | 45001 : Occupational Health & Safety management | 45005 : Safe Working During COVID-19 | 14001 : Environmental Management System. [2] 25+ IGBC Platinum Rated Properties. [3] Rating assigned to Bank Debt in Mar'23. [4] Active Cities : Bangalore, Pune, Chennai, Mumbai, Hyderabad, Gurgaon, Noida, Coimbatore, Madurai, Kochi, Jaipur, Vijayawada, Calicut

Fostering “Workspaces for Everyone”



IndiQube's Foray into Sustainability

25+ IGBC Platinum Rated Properties

70MW Power Generation from Solar ^[1]

30% Reduction in Energy Consumption

85% Less Fresh Water Usage



Green Interiors



Rooftop & Solar Farm



Energy Conservation



Water Conservation

[1] Solar farm project under consideration



We are India's Green Champion!



IGBC Founding Member



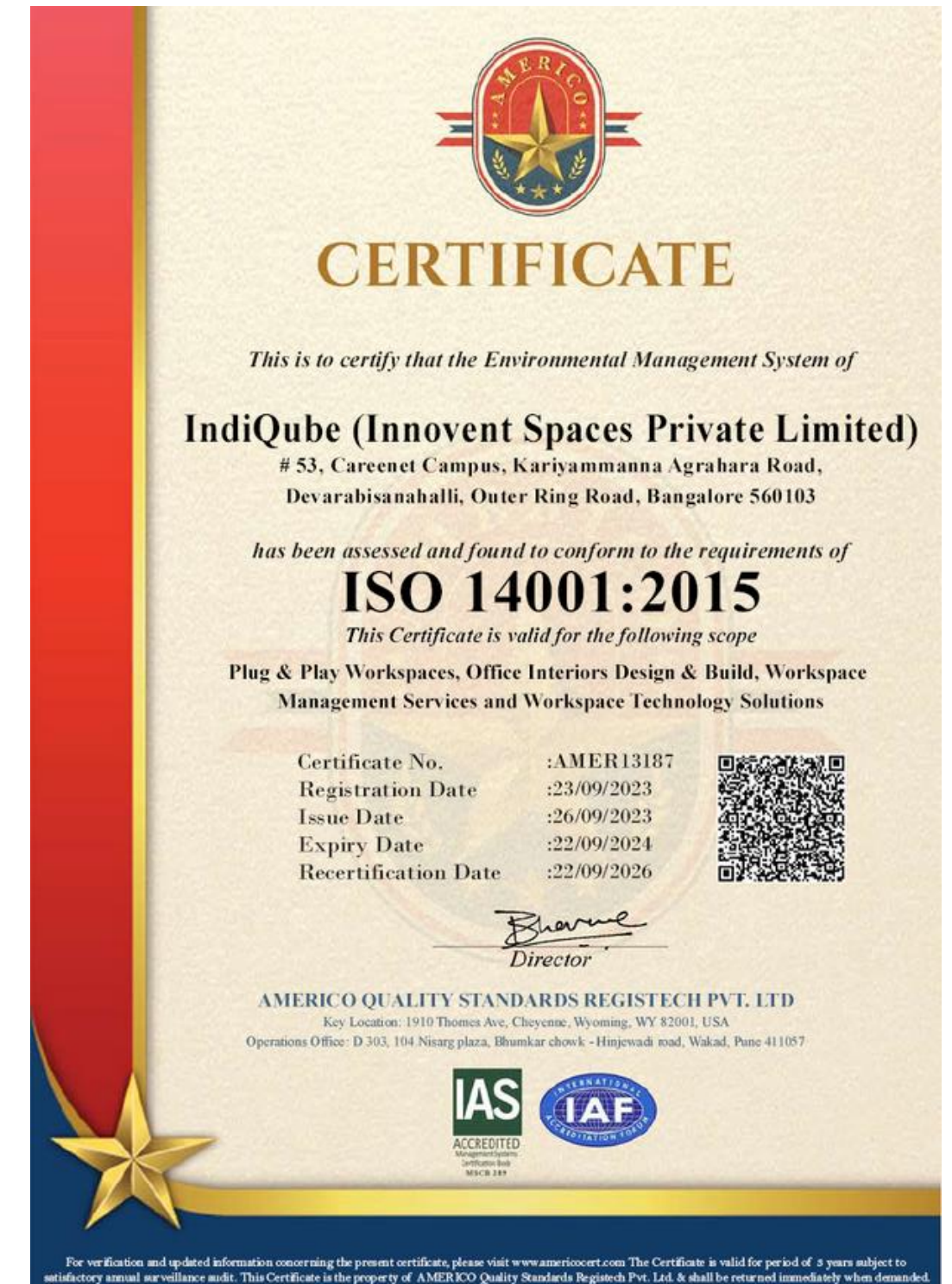
ISO 14001 Certified
Environmental Management System



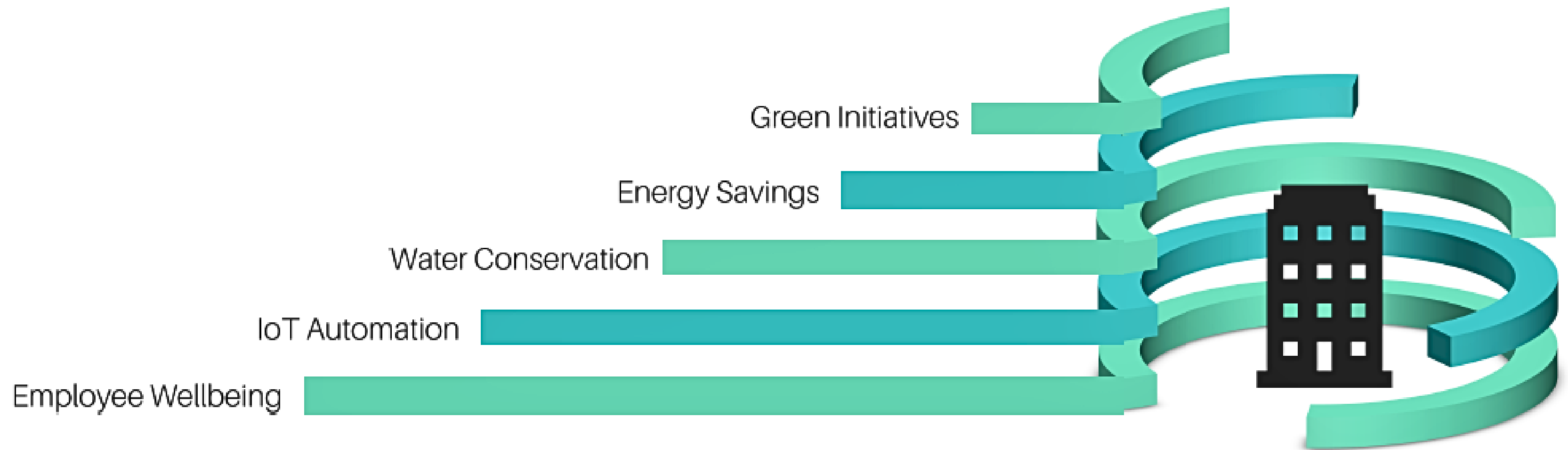
Green Champion Award Winner



On a Mission to Net Zero



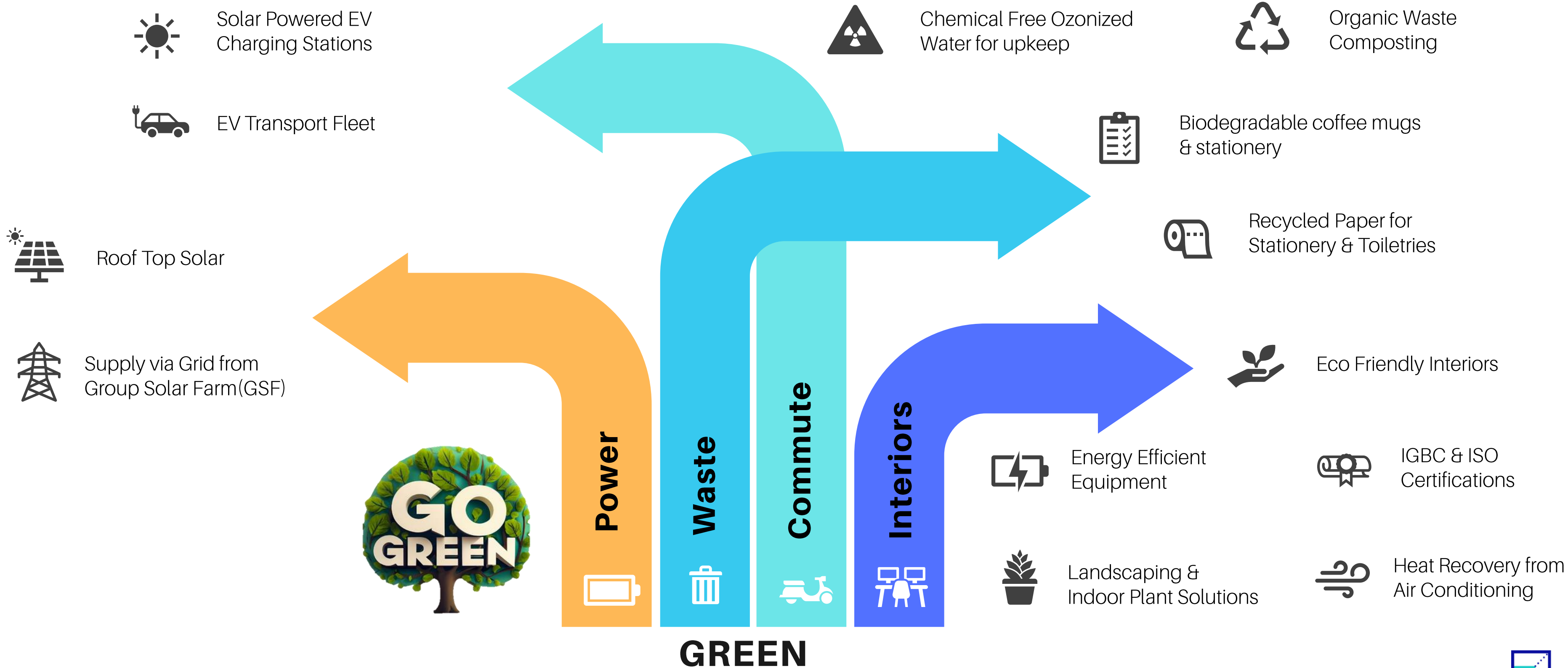
Offices Today Need a Makeover To... Be Sustainable!



Transforming office spaces via "SAAS" - Sustainability as a Service model



Green Initiatives, Powered by IndiQube!



Presenting IndiQube Pearl

Gachibowli, Hyderabad



Google Maps

4.4 ★★★★★ (91)

Coworking space ·



Carpet Area 76 K Sq ft



Built Up Area 90 K Sq ft



No of Floors G+4+Terrace



Operational Year 2019

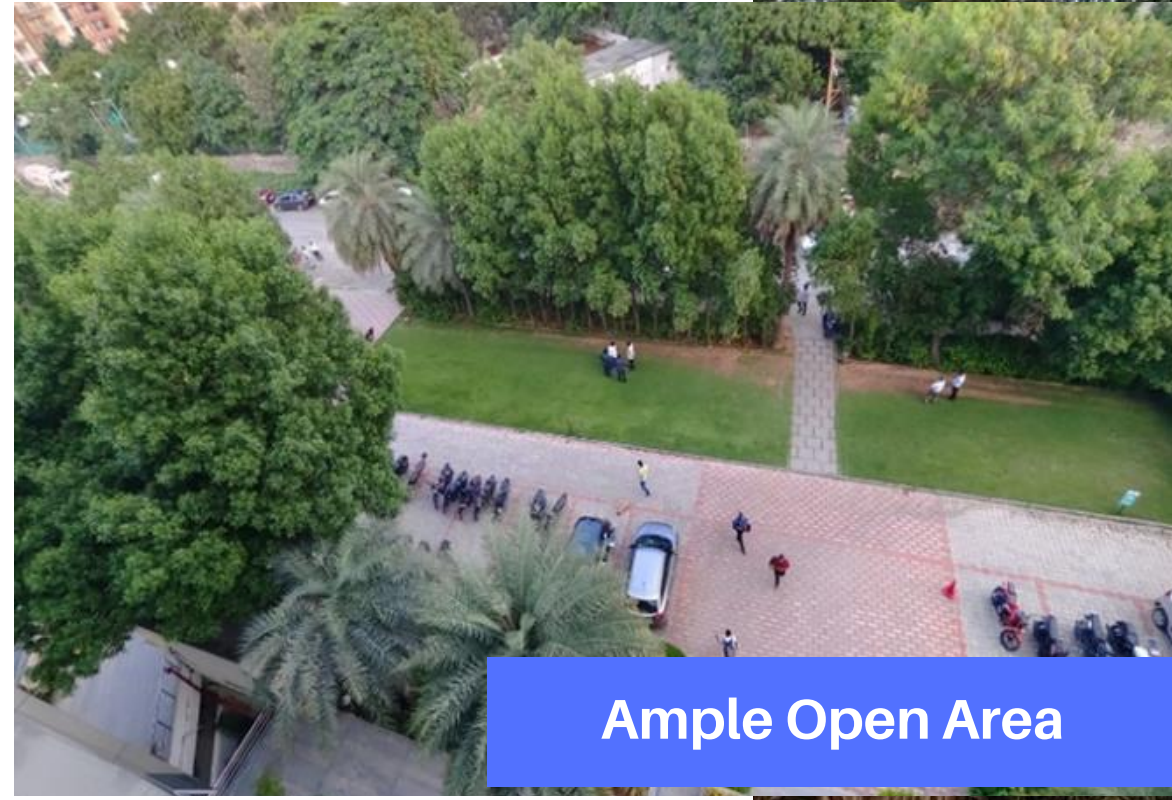


IndiQube Pearl At a Glance

IndiQube Pearl stands out as one of the premier coworking spaces in Gachibowli, Hyderabad. Designed to foster productivity and collaboration, this vibrant workspace offers everything one needs to thrive. It has unlimited access to high-speed Wi-Fi, fully-equipped meeting rooms, cozy café, and a lot more.



Building Key Features



Ample Open Area



Facade Glass SHGC - 0.36W/m2

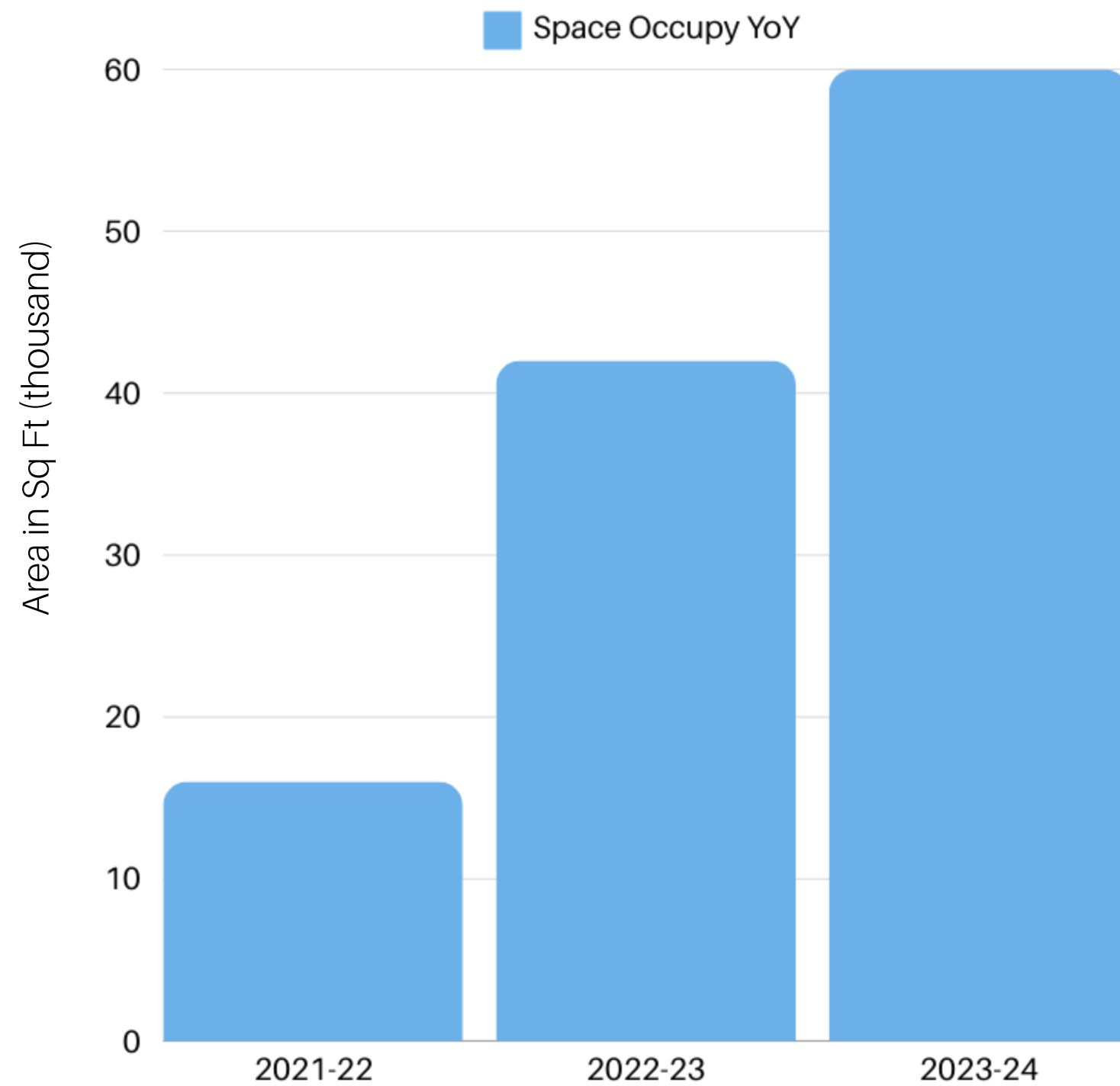


100 % LED Lights fitted



Space Occupancy Trends

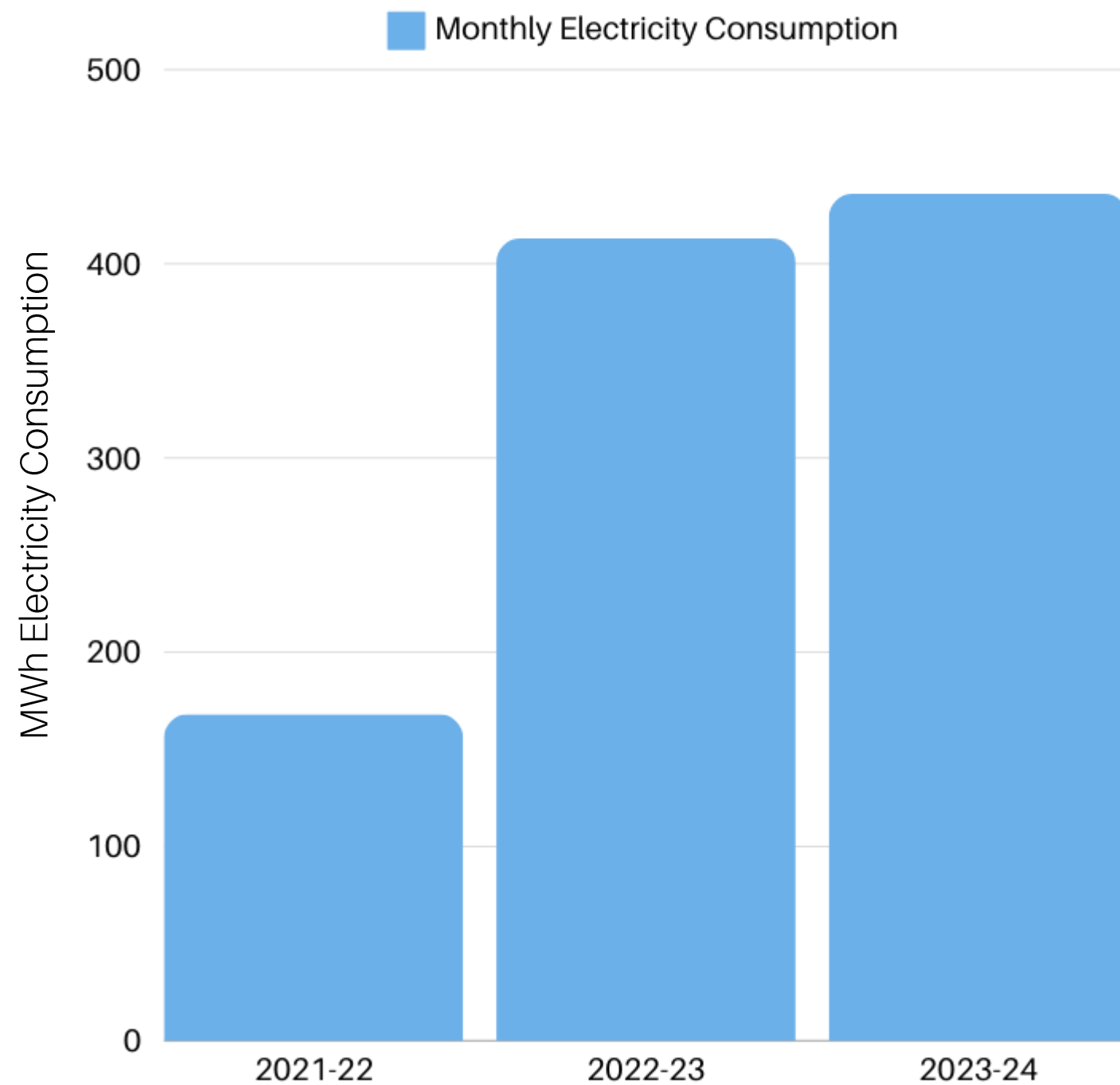
CAGR of about 55 %



Electricity Consumption Trends

CAGR of about 37 %

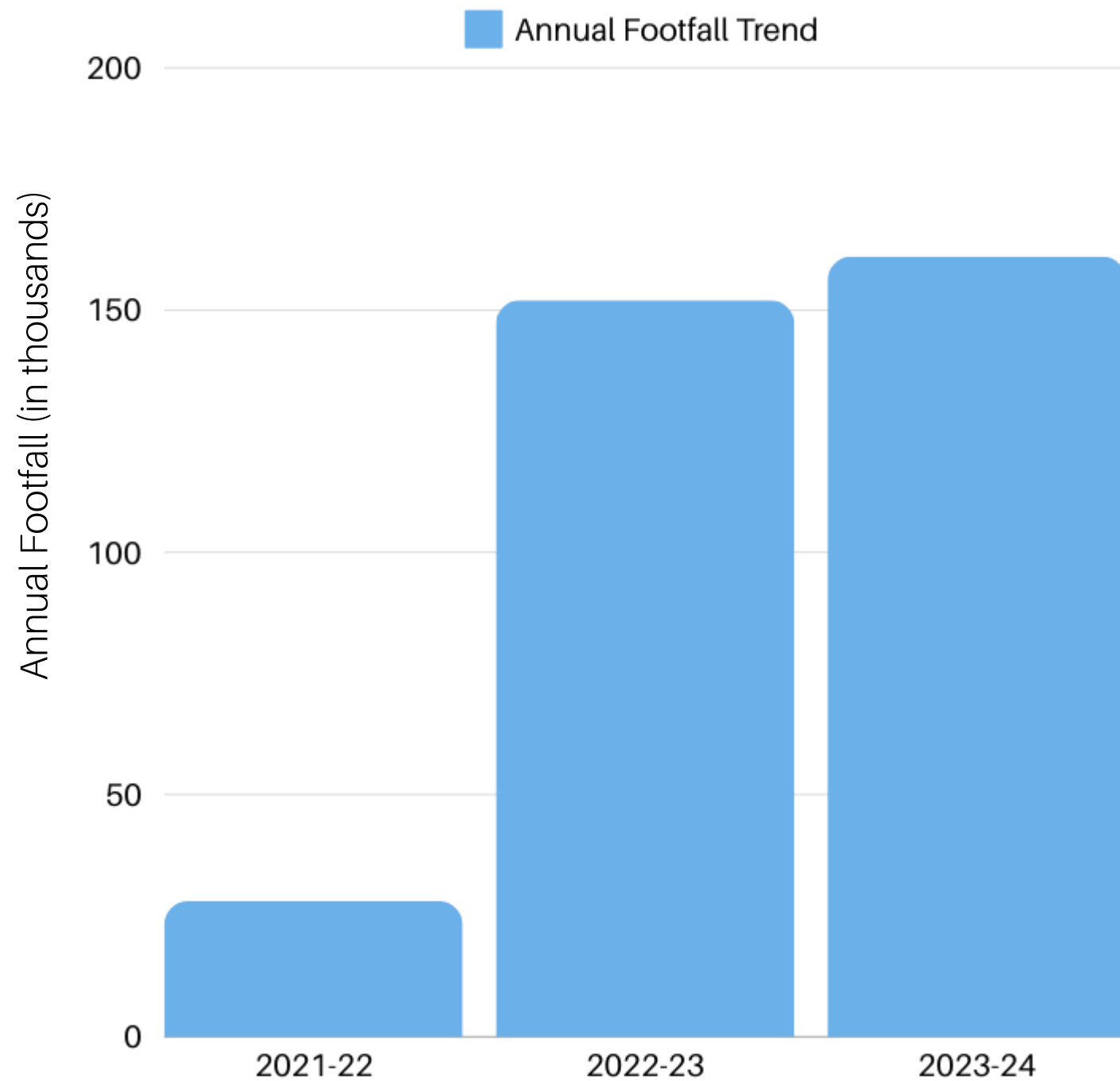
Consumption growth between 2023 - 2024 is only 5%



No of Employee Occupancy

CAGR of about 79 %

Annual Footfall growth between 2023 - 2024 is 6 %

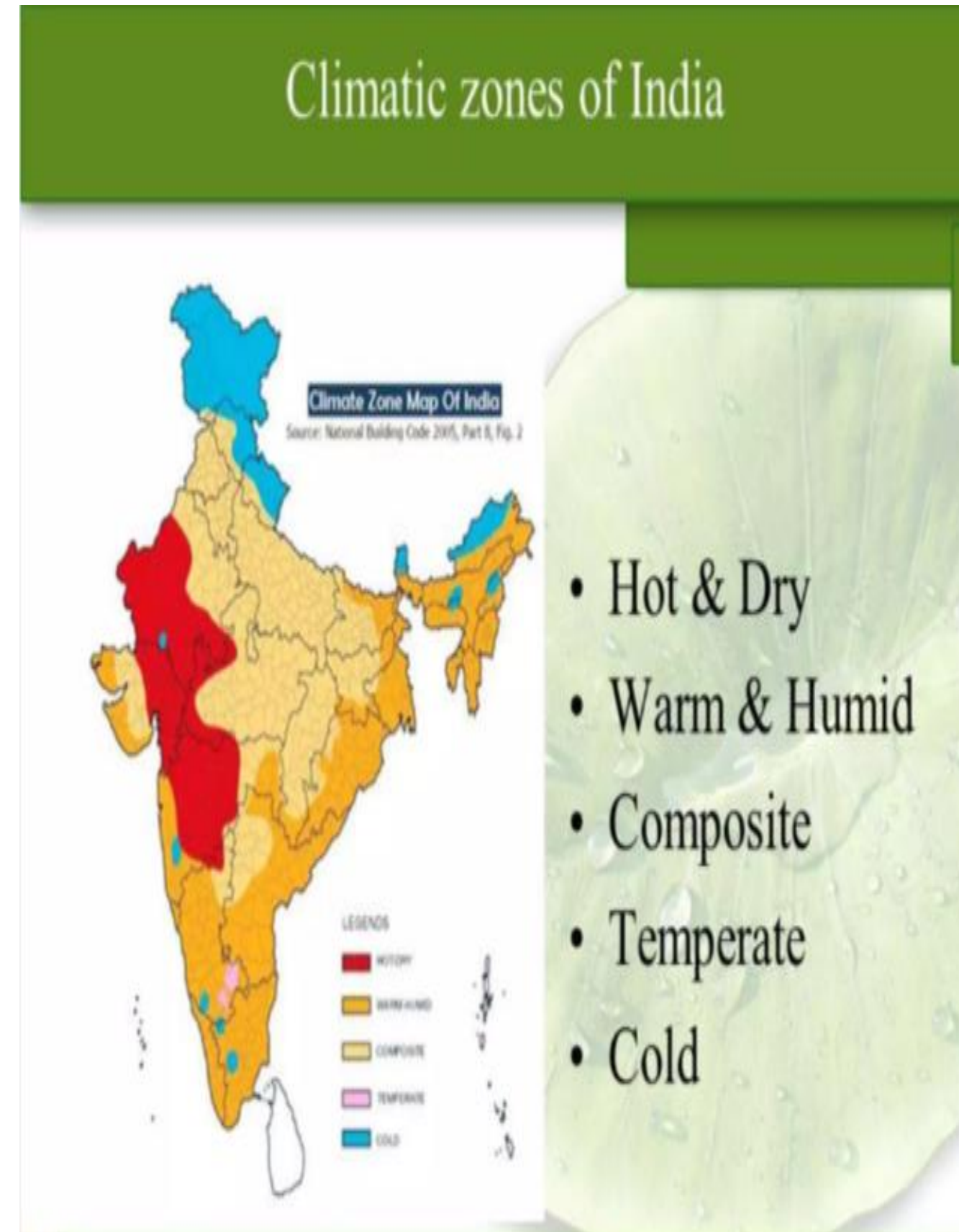


EPI OF INTERNAL , NATIONAL AND GLOBAL BENCHMARKING

Benchmarking details	Reference	EPI (KWH/sqm/y)
National Level	BEE (Bureau of energy efficiency)	80
International Level	Lawrence Berkeley National Laboratory	60 - 90

Climatic Zone	Building Category	1 Star	2 Star	3 Star	4 Star	5 Star	1 Star	2 Star	3 Star	4 Star	5 Star
Composite	Large Office	$y = 0.95x + 60$	$y = 0.9x + 50$	$y = 0.85x + 40$	$y = 0.8x + 30$	$y = 0.75x + 20$	48.75	45	41.25	37.5	33.75
	Medium Office	$y = 1.1x + 60$	$y = 1.05x + 50$	$y = x + 40$	$y = 0.95x + 30$	$y = 0.9x + 20$	60	50	40	30	20
	Small Office	$y = 0.65x + 60$	$y = 0.6x + 50$	$y = 0.55x + 40$	$y = 0.5x + 30$	$y = 0.45x + 20$	108.75	95	81.25	67.5	53.75

The energy performance index of the IndiQube Facility in FY 23-24 is **75.78 kWh/Sqm/Y.** and is well below the National and between of Internal benchmarks. The building comes under **3 star rated building** with consideration climate zone (Composite) and 75 % of air conditioning space.



Study on Investment - Savings - Payback

2022-23

Sl.No	Project title	Total annual energy saving (kwh)	Total annual savings (₹ INR)	Investment made (₹ INR)	Payback (months)
1	Wash rooms - (36W CFL to 12W and 15W LED) - 95 No's	7695	82721.25	72200	10.47
2	LED –workstation space –(30W & LED to 15W LED lights around – 35numbers	1890	20317.5	20,125	11.89
3	LED –workstation space & common area –(18W & LED to 12W LED lights around – 65numbers	1404	15093	24000	19.08
4	LED –workstation space & common area –(15W & LED to 9W LED lights around – 46numbers	1208	12986	14950	13.81
		12197	131117.75	131275	

Year 1 Savings - INR 1.3 Lacs annually

2023-24

Sl.No	Project title	Total annual energy saving (kwh)	Total annual savings (₹ INR)	Investment made (₹ INR)	Payback (months)
1	Sola LED light retrofit -35LED Street light to 35w LED inbuilt battery - 8 No's				
2	Installation of 130kWp solar panels	166075	17,85,306	5200000	34.95
3	LED's with occupancy timer installation - Common areas	2628	28251	7000	2.97
		168703	1813557	5207000	

Year 2 Savings - INR 18.13 Lacs annually



Innovations - Process Excellence

BEFORE



- ✓ 120KVA X 2nos UPS are connected in standalone (conventional UPS)
- ✓ The current load on each UPS 20%.
- ✓ losses 20%(UPS input units to UPS output units' difference)

AFTER



- ✓ 60KVA X 2nos UPS are connected in parallel (Modular UPS)
- ✓ The current load on each UPS 40%.
- ✓ Improved efficiency and reduced losses.
- ✓ The current loss 5%, and we saved 15%.
- ✓ Appx. 3150 Units per month + AMC cost and annual saving is 37,800 Units.
- ✓ Annual cost saving -**INR 3.78 Lac.**
- ✓ **SPP-29 months**



Innovations - Process Excellence

BEFORE



- ✓ 5.5 TR X 2nos Ductabel AC are connected (1 Working and 1 stand by)
- ✓ Per day AC unit consumption -100 Units
- ✓ Annual AC unit consumption-36,500 units

AFTER



- ✓ 1.5 X 4nos spilt AC are connected in UPS room and Battery room (2 units running and 2 units stand by)
- ✓ Per day AC unit consumption 25 Units
- ✓ Appx. Annum saving 27,375Units.
- ✓ Annual cost saving -INR 2.74 Lac.
- ✓ **SPP – 8.7 Months**



Innovations - Process Excellence

Innovative :R22 to R32 energy efficient 5 – star rated split unit retrofit



s

Energy savings calculation										
Make		Capacity	Qty	Total tonnage	Operation at hour/day	Old unit EER	New unit EER	Old system energy consumption in annum	EE 5star unit energy consumption in annum	Energy saves, kWh in annum
Bluestar	Cassette	2	2	4	12	2.1	3.5	80,091	48,055	32,037
Bluestar	Split	1.5	4	6	12	2.1	3.5	1,20,137	72,082	48,055
Bluestar	Split	1.8	4	7.2	12	2.1	3.5	1,44,165	86,499	57,666
Total		5.3	10	17.2	12	2.1	3.5	344393	206636	137758


Objective


Conversion of R22 to R32 energy efficient 5 star rated split unit.


Process

R22 to R32 operated split unit.


Target

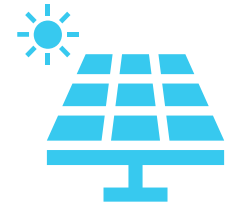
- Eco-friendly maintenance
- High CFM level achieved – contributing energy saving
- Over energy savings achieved – 20%


Growth

Energy savings: 2,49,885 kWh
Cost savings: INR 2,49,885



Harnessing Solar Power



©2024



Generating 130 KwP



100 % Roof Space Utilization for Solar Power Generation

Innovations - Process Excellence



Solar Inverter panel

Motion sensor installed in all lift lobbies



Timer installation for AC's and axial fans in basements.



EV charging points.



Innovations - Process Excellence



RESULTS

BEFORE: 55.3

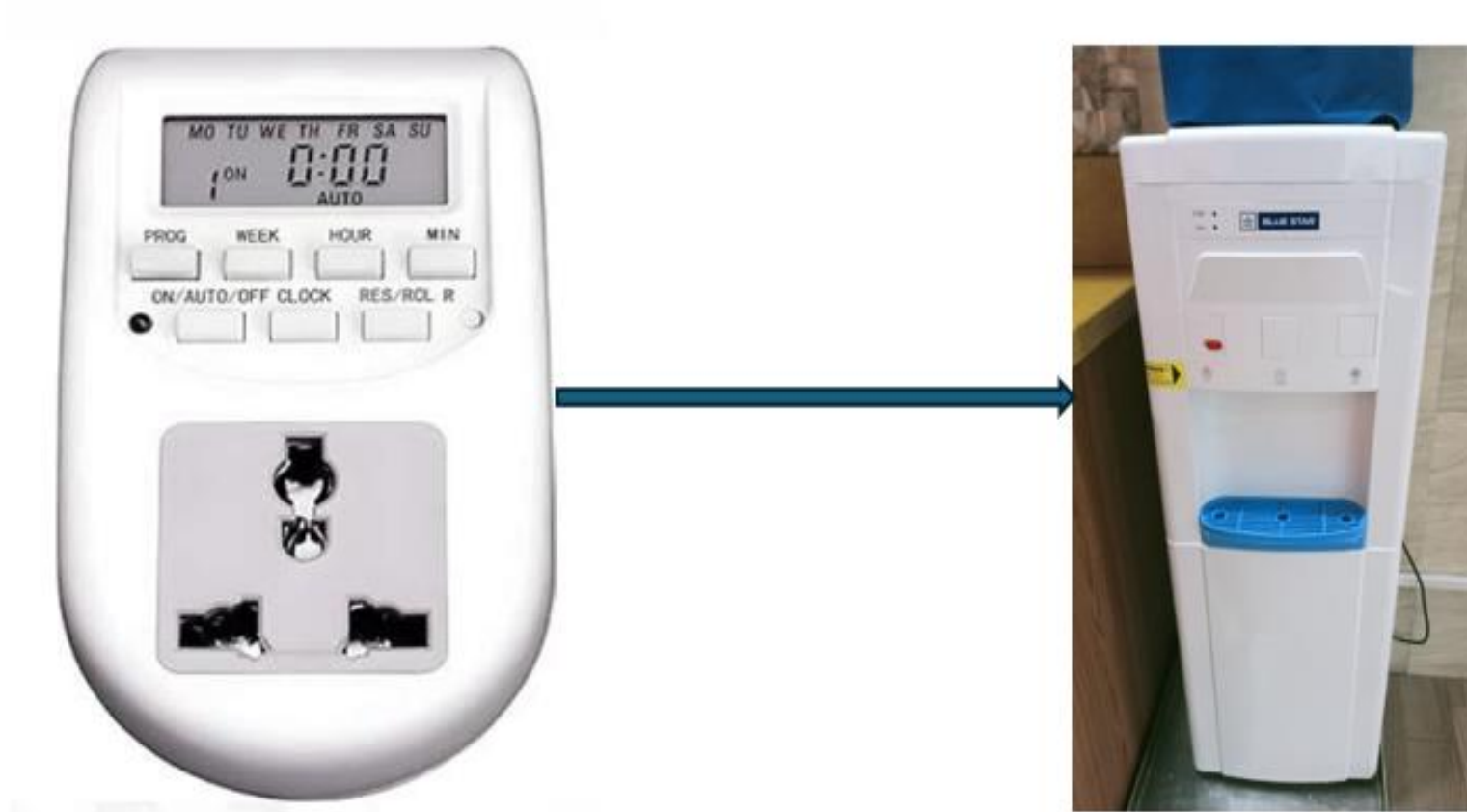
AFTER: 44.3

TEMPERATURE DROP: 11.1



Innovations - Process Excellence

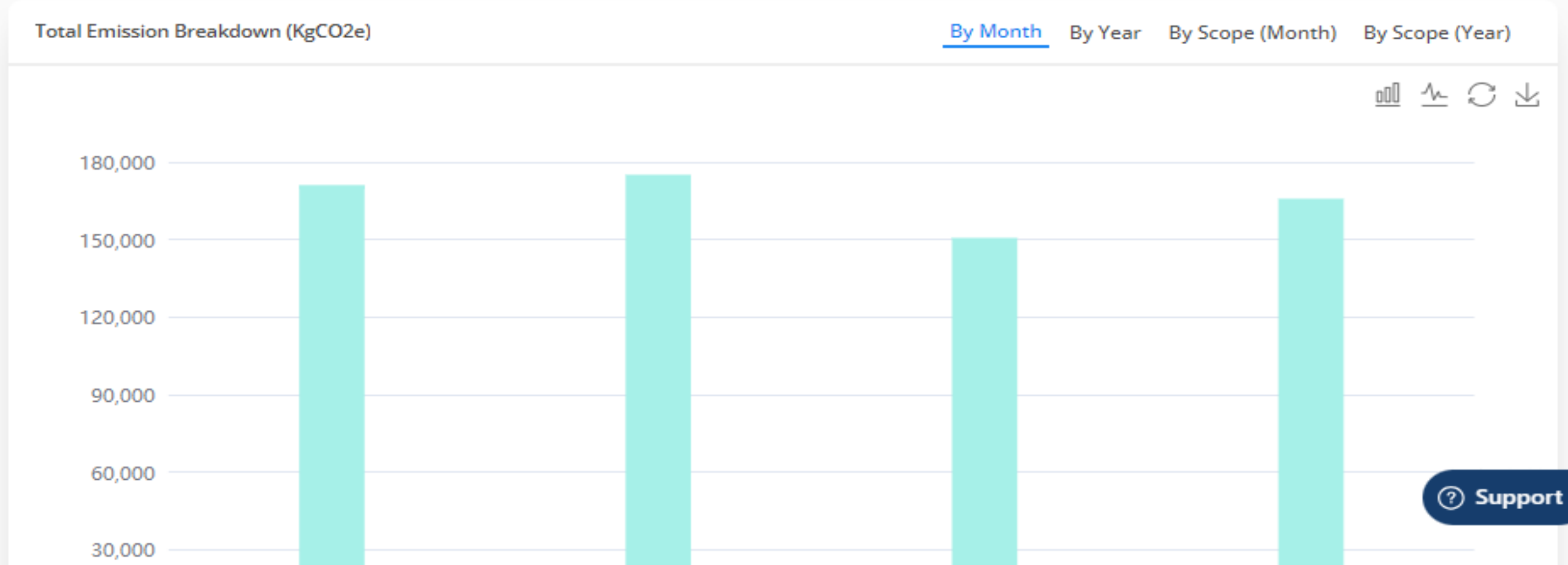
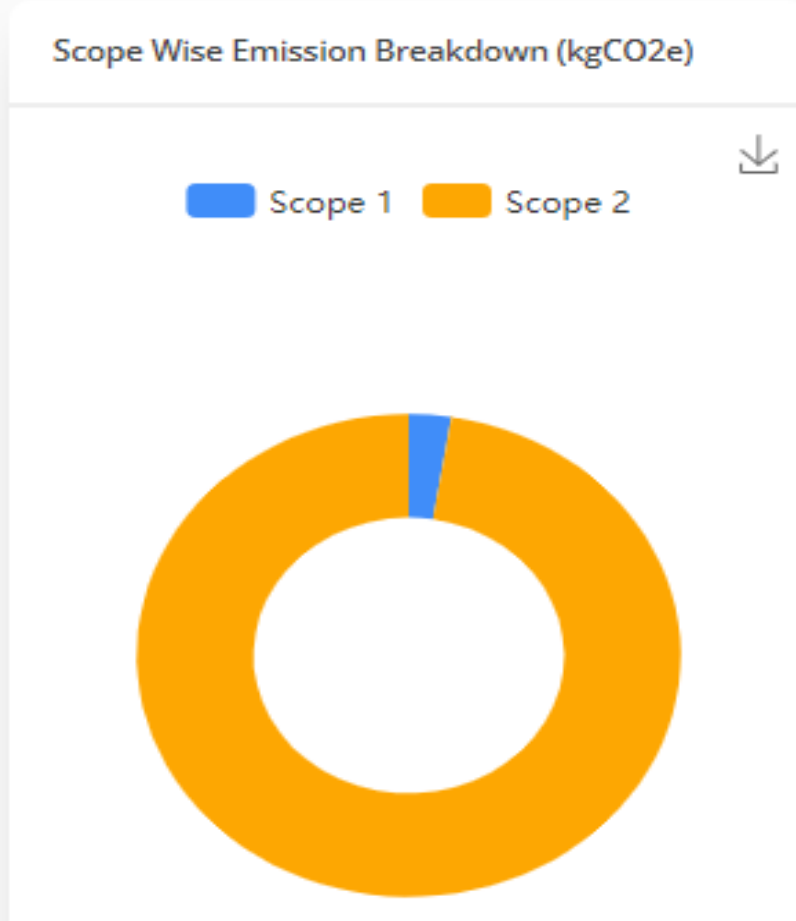
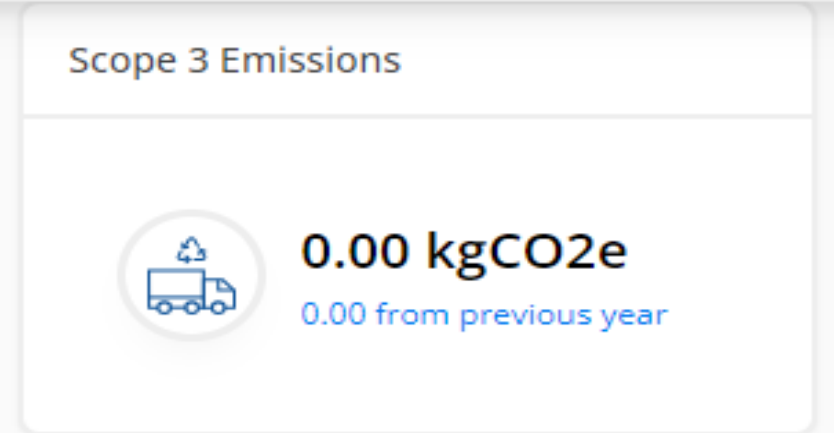
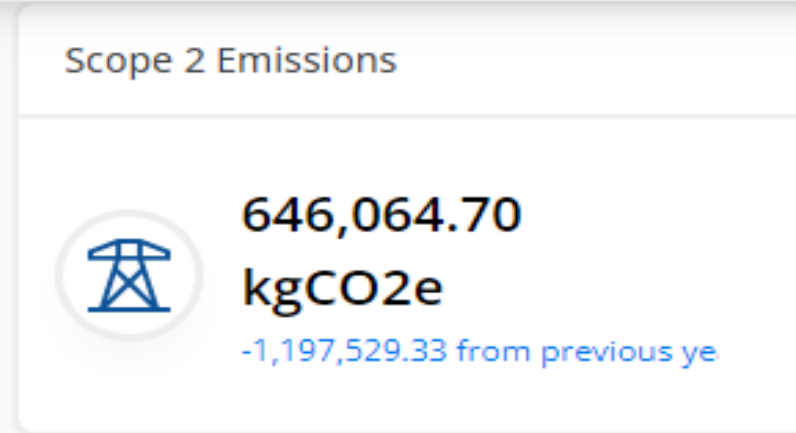
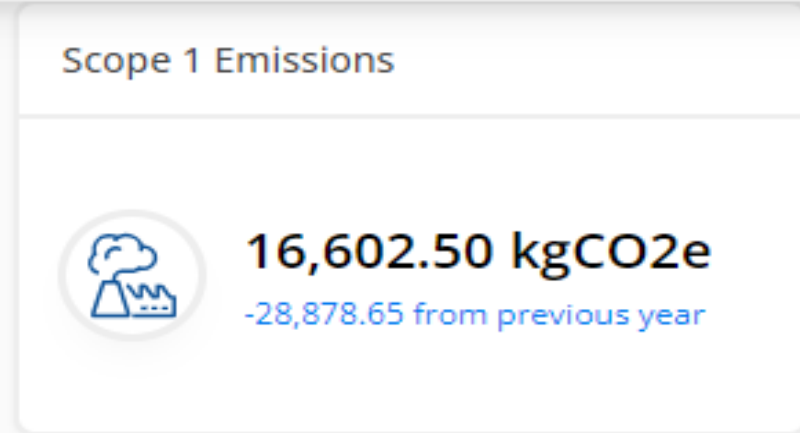
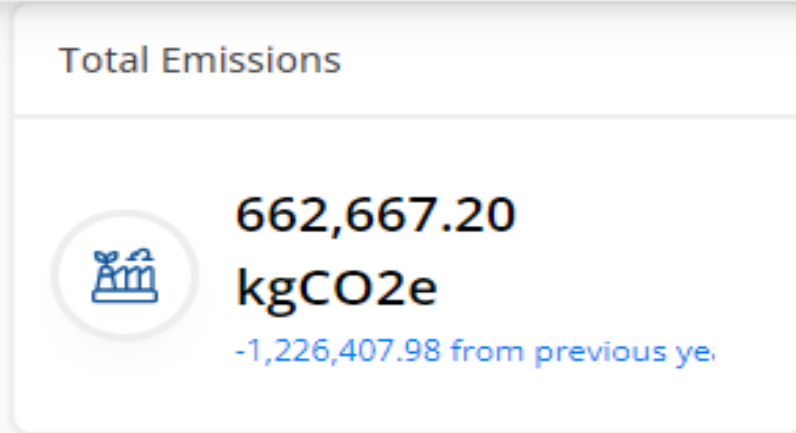
Automatic Cut Off Timer Socket Plug



Cooled water temperature control (6 deg to 16 deg)



Innovations - Process Excellence



Support





Thank You

