Sir H. N. Reliance Foundation Hospital And Research Centre

Sustainability Initiatives

Caring for our patients, our community and our planet



Sir H. N. Reliance Foundation Hospital & Research Centre, Mumbai

Progress update | FY 2025–26

Our Commitment to Sustainable Healthcare

At Sir H. N. Reliance Foundation Hospital, we believe that caring for people also means caring for the environment they live in. In line with the UN Sustainable Development Goals (SDGs), we have implemented initiatives that use energy, water and other natural resources responsibly.

Our hospital is an IGBC Green Gold certified building. In 2026, our campus also went through a carbon footprint assessment and independent energy, water, waste, electrical-safety and fire-safety audits, so that we can share real, measured progress.

IGBC Green Gold
certified green building

361 beds
across Tower, Heritage, Kapol and Jeevan buildings

Aligned with UN SDGs
clean water, clean energy, climate action and more

Independently audited
energy, water, waste, electrical & fire safety (2026)

Our Contribution to the UN SDGs

SDG 6 **Clean Water & Sanitation**	• Treated water reused for toilet flushing and gardens • Rainwater harvesting storage tank • Safe, BIS-standard drinking water for patients, visitors and staff
SDG 7 **Affordable & Clean Energy**	• 100% energy-efficient LED lighting • Rooftop solar power and solar hot water • Major energy savings identified, with upgrades underway
SDG 9 **Industry, Innovation & Infrastructure**	• IGBC Gold certified green hospital • Smart building management and high-performance glass • AI-enabled health screening linked to teleconsultation
SDG 11 **Sustainable Cities & Communities**	• Climate risks such as flooding and sea-level rise assessed • Flood protection, early warning and staff training in place • Electrical and fire safety audits completed
SDG 13 **Climate Action**	• Carbon footprint Baseline year and emissions value set in FY 2025 • Year-on-year emissions reduction target against baseline • Decarbonization roadmap & year-on-year implementation plan
SDG 15 **Life on Land**	• Landscaped green spaces for patients, visitors and staff • Greenery that supports a healthier urban environment
SDG 16 **Peace, Justice & Strong Institutions**	• Board-level ESG oversight and a dedicated ESG Committee • Progress reviewed monthly, quarterly and annually • Ethics, data security and transparent reporting

Sustainability at a Glance

17% lower energy use per square metre than the national (BEE) benchmark for hospitals	**1/3rd** of our water needs met with recycled water from our own treatment plant	**52,932 units** of clean electricity generated every year by our rooftop solar panels
~250 kW Additional capacity of Solar PV panels from on-site renewable planned	**~63 tCO2e/bed/year** Total Carbon footprint intensity per operational Bed counts	**~157 kgCO2e/ sqm/ year** Scope 2 emissions intensity per Sqm of Built-up area in the year
~10% reduction in carbon emissions identified through *12 efficiency measures	**3,540 kg** of food waste turned into compost on site in FY 2025–26	**53 spaces** tested for indoor air for fine dust and formaldehyde within *safe limits in all

Audit findings such as the 12 improvement measures and carbon savings potential and indoor air test of 53 spaces, are based on the independent audits conducted in 2026.

1. Climate Action: Our Carbon Footprint Journey

We measure our greenhouse gas emissions so we can manage and reduce them.

We know our footprint **23,008 tonnes CO_2e** was our measured carbon footprint in FY 2025-26, our baseline year, covering on-site fuel use, electricity, refrigerant & medical gases.	**Minimal diesel use** **Under 0.1%** of our energy came from diesel generators, which are used only as standby power and for routine testing.	**A clear path to cut emissions** **~10% reduction** identified – about 2211 tonnes CO_2e a year can be avoided through energy-efficiency measures.
~249 tonnes CO_2e Planned to be additionally avoided per annum through on-site solar projects	**R-410A refrigerant** Refill hiked 2026 due to the HVAC retrofits done for High-performance, High-energy savings from HVAC systems	**~157 kgCO2e/ sqm/ year** Scope 2 emissions intensity per Sqm of Built-up area in the year

2. Using Energy Wisely

Our energy use per square metre is 17% lower than the national benchmark for hospitals.

~2210 tCO2e/ year reduction potential identified through energy conservation measures & scope 2 reduction	**~227 kWh/ Sqm/ year** Energy Performance Index which is our hospital's energy use per square metre of built-up area	**26,00,770 kWh Energy Savings** Per annum Identified through energy conservation measures during the audits
Energy-Efficient Lighting 100% LED lighting indoors and outdoors – mercury-free and long-lasting.	**Smarter Cooling** Efficient chillers monitored through a Building Management System; new air conditioners are inverter-type and star-rated.	**Demand-Based Fans & Pumps** Variable speed drives let air-handling fans and pumps run only as hard as needed.
Hot Water from Waste Heat Heat released by our cooling system is recovered to produce hot water, instead of burning fuel.	**Performance Glass** High-performance glazing keeps heat out, reducing cooling needs and improving comfort.	**Healthy Power Supply** Electrical power quality is monitored and kept within recommended limits.

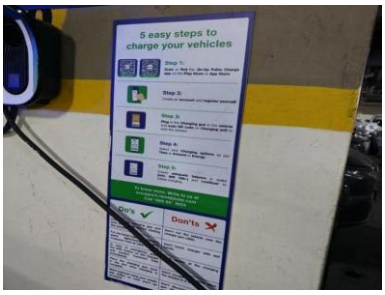
3. Clean Energy & Green Mobility



Rooftop solar panels



Solar hot water system



EV charging point

Rooftop Solar Power

52,932 units of electricity generated in a year, avoiding about 38 tonnes of CO_2.

Solar Hot Water

A solar water-heating system supplies about 1,800 litres of hot water every day.

EV Charging

On-campus charging points support electric vehicles for staff and visitors.

4. Water Stewardship

1/3

of our total water needs are met with treated water from our own sewage treatment plant

56,797 kL recycled in a year and reused for toilet flushing and landscape irrigation

Rainwater Harvesting

Rainwater from all blocks is collected in a 100 m^3 underground tank.

Water-Saving Fixtures

Sensor-operated taps and urinals, and dual-flush toilets across the campus.

Every Drop Measured

Separate meters for each water source, tracked monthly.

Next Step

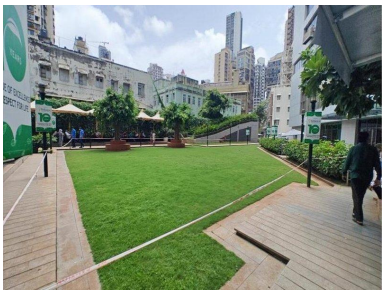
Low-flow aerators will save a further 15,400 kL of water every year.



Sensor taps



Sensor urinals



Landscaped gardens

5. Reducing & Managing Waste

100%
of wet and dry waste is segregated at source

3,540 kg
of food waste composted on site in FY 2025–26

Up to 90%
less water used by our microfiber cleaning methods

Colour-Coded Bins
Biomedical, recyclable and general waste are separated on every floor, so non-infectious waste is not treated unnecessarily.

Tracked & Recycled
Waste is weighed and recorded daily and monthly, then handed to authorised vendors for recycling and reuse.

Greener Housekeeping
Microfiber cleaning uses up to 90% less water and 50% fewer chemicals than conventional cleaning.



Colour-coded bins



Garden & compost bins

6. A Healthy Indoor Environment

Clean air matters for healing. We tested air quality in 53 occupied spaces across the Tower, Heritage and Kapol buildings.

100% of spaces within safe limits

for fine dust particles (PM1, PM2.5 and PM10) as per national standards.

50 times below the limit

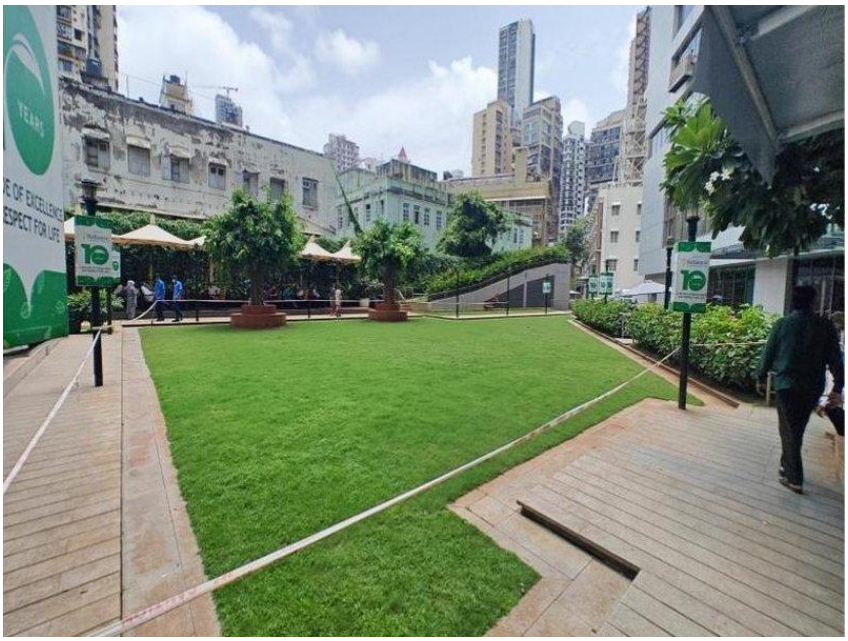
Formaldehyde levels were far below the permitted limit in all tested areas.

Green outdoor spaces

Landscaped break areas for patients, visitors and staff.

Smoke-free campus

No-smoking signage in all common areas.



Landscaped outdoor break spaces

7. Safety & Climate Resilience

Electrical Safety

- Independent electrical safety audit (August 2026)
- Thermal imaging of key electrical panels to spot issues early
- Earthing checks and lightning protection on the main tower
- Backup power from cleaner, CPCB-compliant generators and UPS for critical areas

Fire Safety

- Entire building protected by automatic sprinklers
- 7 dedicated fire pumps and hydrant points near every lift lobby
- All fire extinguishers checked were within their refill date
- Fire alarms in every area, an on-site firefighting team and in-campus ambulance



Fire hydrant & sprinkler system



CPCB-compliant backup generators

8. Responsible Sourcing & Healthy Food

100% Eco-Labelled Cleaning
All cleaning chemicals we buy are eco-labelled.

Sustainable Suppliers
Sustainability clauses in supplier contracts and screening of high-impact sources.

Buying Local
52% of 300+ new vendors in FY 2025–26 are Mumbai-based, cutting transport emissions.

Fresh & Local Food
80%+ of fruit and vegetables sourced locally, with seasonal, plant-rich menus (lentils, legumes, millets).

Less Waste, Less Plastic
First-in, first-out stock use to prevent spoilage, and fewer single-use plastics in kitchens.

Cleaner Kitchens
Energy Star appliances, full-load dishwashing and a shift from LPG to electric cooking.

Our journey continues…

We will keep measuring our progress, putting the improvements identified in our audits into action, and sharing our results openly – for healthier patients, a healthier community and a healthier planet.