



2024 CLIMATE LEADERS: INSPIRING ACTION AND RESILIENCE

Become inspired by the leading health care institutions pioneering transformative climate solutions to reduce the sector's impact on climate change and strengthen resilience.





INDEX

3. About the climate initiatives

4. 2024 HCCC Milestones

5-11. 2024 HCCC Champions

- 5. Associação Paulista para o Desenvolvimento da Medicina – SPDM, Brazil
- 6. Canadian Coalition for Green Health Care, Canada
- 7. Galician Health Service, Spain
- 8. Hunter New England Local Health District, Australia
- 9. Instituto Roosevelt, Colombia
- 10. Netcare Limited, South Africa
- 11. Paul Hospital Iloilo, Philippines

12-13. 2024 HCCC Winners

14. 2024 Race to Zero initiatives

ABOUT THE CLIMATE INITIATIVES

The Health Care Climate Challenge and Race to Zero are Health Care Without Harm initiatives that mobilize health care institutions to lead in climate action. The Climate Challenge provides a platform for hospitals and health systems to commit to reducing emissions, building resilience, and demonstrating leadership, while Race to Zero reinforces these commitments through a global UN-backed campaign that sets ambitious climate targets, including net-zero emissions by 2050. Together, these initiatives create a cohesive framework for advancing climate-smart, sustainable health care.

Each and every institution, no matter the size or location, has an important role to play. By building resilience at the facility, system, and community level, leading health care climate action, and mitigating their carbon footprint, each member will contribute to building a climate-smart and healthy future for all.

Year after year, we are thrilled to see the growth in participation in our climate initiatives from health care institutions around the globe, as well as their success in tackling climate change. While the climate crisis becomes more dire each year, health care is stepping up with increased ambition and action to meet it head-on. We are delighted to celebrate and showcase a diverse and international cohort of institutions that are shining examples of what the health care sector can and needs to be doing to be climate-smart.

Nick Thorp
Network Director, Global Green and Healthy Hospitals

2024 HEALTH CARE CLIMATE CHALLENGE MILESTONES



+200

PARTICIPANTS



+52

NEW
PARTICIPANTS



+20

COUNTRIES
REPRESENTED



+575

SUBMISSIONS



7

CLIMATE
CHAMPIONS



38

CLIMATE
ACTION
WINNERS



1194

ACTIONS
REPORTED IN
LEADERSHIP
AND /OR
RESILIENCE



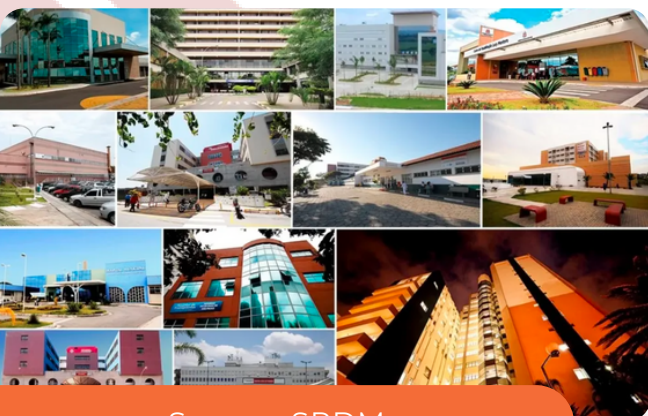
+260.000

TCO2e
REDUCTION
(REPORTED)

Meet the winners 2024!



ASSOCIAÇÃO PAULISTA PARA O DESENVOLVIMENTO DA MEDICINA, BRAZIL



Source: SPDM

Type of institution: Health system

Type of hospital: Public

Area of facility: 300,000 m²

Number of employees in full-time equivalents:
22,341

**Number of hospitals, health centers and/or
medical offices associated with the institution:**
13 hospitals and 23 Health Centers/Clinics/Medical
Offices*

Average number of patient visits annually:
Hospital admission: 181,000; ambulatory
consultations: 2,300,000; laboratory tests: 9,700,000
(2023)

SPDM has been recognized as the Brazilian Climate Champion for its continued work on health care decarbonization across the facilities it administers. The organization has demonstrated remarkable innovation in addressing PHS's challenges, creating an efficient and streamlined internal management practices that enables accurate diagnosis of GHG emissions, evidence for decision-making and the measurement of GHG emissions reduction that SPDM has been delivering throughout the recent years.

To learn more about their work, access these case studies:

[Health system nearly halves GHG emissions making great strides in their Race to Zero \(2023\)](#)
[From quitting nitrous oxide to replacing old equipment, hospital strives for ISO 50001 certification & energy efficiency \(2023\)](#)

This award recognizes our efforts since 2016, when we began conducting Greenhouse Gas Inventories at the Institution, marking significant progress in reducing emissions. At the same time, the award brings responsibility and highlights the ongoing need for action to sustain our progress. This includes further reducing emissions, adapting health systems to the impacts of climate change, training health professionals, and driving leadership initiatives, among other critical efforts

Jonas Age Saide Schwartzman
Sustainability Manager, SPDM Affiliated Institutions



CANADIAN COALITION FOR GREEN HEALTH CARE, CANADA



Source: Canadian Coalition for
Green Health Care

Type of institution: Health organization

Number of members: 80

Number of hospitals represented: 350

For over 20 years, the Canadian Coalition for Green Health Care has empowered health care professionals, organizations, and communities to lead the way in sustainability. Through collaboration, innovation, and shared best practices, they equip the sector with the knowledge, resources, and support needed to create a healthier, more environmentally responsible future. Together with their dedicated network of staff, volunteers, and partners, the Canadian Coalition for Green Health Care fosters a movement where health care not only heals people but also protects the planet for generations to come.

“We are thrilled to be honoured with the Gold Climate Leadership Award for our work in 2024. In addition, being acknowledged as one of only seven worldwide recipients of the 2024 Health Care Climate Champion Award is a fantastic added bonus and recognizes the outstanding work by our dedicated team committed to reducing the impacts of climate change on Canada's health care system.

Myles Sergeant

Executive Director, Canadian Coalition for Green Health Care

GALICIAN HEALTH SERVICE, SPAIN



Source: Galician Health Service

Type of institution: Health system

Type of hospital: Public

Area of facility (enclosed space): 1,263,670 m²

Number of employees in full-time equivalents: 43,300

Number of hospitals, health centers and/or medical offices associated with the institution: 14 hospitals, 90 primary and continuing care centers, and 480 Health Centers/Clinics/Medical Offices

Average number of patient visits annually: 2,700,000 (2024)

The Galician Health Service (SERGAS) has been a leader in sustainable health care for over two decades, integrating sustainability into its operations and fostering local and global collaborations. By engaging key stakeholders and sharing knowledge, SERGAS drives environmental impact reduction and meaningful change. Its efforts in resilience have notably enhanced the healthcare system's preparedness and management during extreme weather events, benefiting the broader community.

To learn more about their work:

www.sergas.es/Sostibilidade

[2024 Health Care Climate Champion | Video](#) (2024)

[How to make medical transport more sustainable](#) (2023)

[A community approach to healthcare resilience | LIFE RESYSTAL](#) (2023)

[Waste Separation](#) (2022)

“The Galician Health Service has developed the Circular Economy Strategy, which highlights actions in favour of circularity initiated 20 years ago. Being a climate champion will help us to boost our work to improve people's lives without harming the planet.

MD PhD Beatriz Piñeiro Lago

Coordinator of the circular economy strategy of the Galician Health Service

HUNTER NEW ENGLAND LOCAL HEALTH DISTRICT, AUSTRALIA



Source: Hunter New England
Local Health District

Type of institution: Health system

Type of hospital: Public

Area of facility (enclosed space): 404,225 m²

Number of employees in full-time equivalents:
17,000

**Number of hospitals, health centers and/or
medical offices associated with the institution:**
22 hospitals and 54 Health Centers/Clinics/Medical
Offices

Average number of patient visits annually:
207,000 (2023)

Hunter New England LHD (HNELHD) has been a health district leading by stellar example, setting an ambitious target to be carbon and waste neutral by 2030, and following through with their innovative actions. They have been generous in sharing their progress and successful initiatives for other health organisations to learn from and implement, nudging the whole health sector to move forward together.

To learn more about their work, access these case studies:

[Greening the NICU \(2024\)](#)

[Local Circular Solutions for Food Waste \(2024\)](#)

“Our commitment to a net zero future is critical. Our team is working passionately to give our community the best opportunity to live a healthier life. Our net zero ambition will help them to do that.”

Elissa Klinkenberg
District Sustainability Program Manager

INSTITUTO ROOSEVELT, COLOMBIA



Type of institution: Hospital
Type of hospital: Private
Area of facility (enclosed space): 17,126 m²
Number of beds: 70
Number of employees in full-time equivalents: 743
Number of hospitals, health centers and/or medical offices associated with the institution: 3
Type of hospital: High complexity
Average number of patient visits annually: 172,000 (2024)

Source: Instituto Roosevelt

From 2019 to 2023, the Roosevelt Institute reduced its Scope 1 and 2 emissions by 80%, its kgCO₂e/patient/year by 67%, its kgCO₂e/bed/year by 68%, and its emissions per employee by 60%. Additionally, the institute continuously monitors medical gases, anesthetic agents, refrigerant gases, and fossil fuels. It also conducts education and awareness campaigns on the health impacts of climate change for both patients and staff, and offers community services that contribute to reducing greenhouse gas emissions, such as community green spaces.

To learn more about their work, access this case study (available in Spanish):
[Estrategias ambientales y nutricionales en el modelo de alimentación \(2021\)](#)

“The Institute, committed to protecting the environment, has implemented measures to address climate change, reduce greenhouse gas emissions, promote sustainable practices, adopt clean technologies, and manage waste responsibly. The main challenges include securing financial resources for safer infrastructure, purchasing eco-friendly technologies, anticipating climate risks, and raising user awareness about the importance of environmental protection. This recognition acknowledges the efforts made, inspires continued investment in sustainable projects, and encourages further actions to benefit the environment.

Mary Leydi Peña Gómez
 Environmental Management Supervisor, Instituto Roosevelt

NETCARE LIMITED, SOUTH AFRICA



Source: Netcare Limited

Type of institution: Health system

Type of hospital: Private

Area of facility (enclosed space): 896,463 m²

Number of employees in full-time equivalents:
>18,000

**Number of hospitals, health centers and/or
medical offices associated with the institution:**

49 acute hospitals and 138 Health
Centers/Clinics/Medical Offices

Average number of patient visits annually:
2,447,000 (2023)

Netcare has consistently demonstrated its dedication to reducing its carbon footprint as part of its commitment to promoting health beyond hospital walls. Recognized as the African Climate Champion, Netcare exemplifies the principle of caring for the planet while providing exceptional care for its patients.

To learn more about their work, access this case study:

[National Lightning Roll-out \(2016\)](#)

“Receiving the esteemed Health Care Without Harm Climate Champion - Africa Award underscores Netcare's pivotal role in advancing climate-smart healthcare worldwide, showcasing our leadership and dedication to meaningful environmental impact and overcoming challenges to drive change.

Andre Nortje
National Environmental Sustainability Manager, Netcare Limited

ST. PAUL HOSPITAL ILOILO, PHILIPPINES



Source: SPHI

Type of hospital: Public
Area of facility (enclosed space): 46,204 m²
Number of beds: 180 (2023)
Number of employees in full-time equivalents: 615
Number of hospitals, health centers and/or medical offices associated with the institution: 83
Type of hospital: High complexity
Average number of patient visits annually: 5,500 (2023)

SPHI has demonstrated remarkable dedication to advocating for climate action, sustainable waste management, and healthcare leadership across the region. They have consistently supported GGHH members in the Philippines and beyond, sharing their expertise and experiences to inspire hospitals to start their own initiatives. SPHI continues to be a standout champion of GGHH in the Philippines, actively engaging with the community surrounding their hospital and driving impactful sustainability and greening efforts.

To learn more about their work, access these case studies:

[Fighting COVID-19 in the Philippines by prioritizing both people and the environment](#)

[The Efficiency of Waste Water Recycling in the Healthcare Industry \(2023\)](#)

[Acetic Acid: A Safer Alternative as Surface Disinfectant \(2021\)](#)

[Phasing – out Mercury Containing Devices \(2021\)](#)

Recognized and honored with the 2024 Climate Champion Award, St. Paul's Hospital of Iloilo Inc. commits to a Sustainable environmental care and resolute in overcoming challenges to promote a healthier and greener future for all.

Dr Malbar G. Ferrer
FPCP, FPCCP, St. Paul Hospital Iloilo

2024 HEALTH CARE CLIMATE CHALLENGE WINNERS

Africa

Netcare Limited (South Africa)

- **Climate Mitigation** - Gold
- **Climate Resilience** - Gold
- **Climate Leadership** - Gold

Medland Hospital (Zambia)

- **Climate Leadership** - Silver

Shefaa Al-Orman Hospital (Egypt)

- **Climate Leadership** - Gold

Asia

Cotabato Regional and Medical Center (Philippines)

- **Climate Resilience** - Silver
- **Climate Leadership** - Silver

Mary Johnston Hospital (Philippines)

- **Climate Leadership** - Silver

St. Paul Hospital Iloilo (Philippines)

- **Climate Resilience** - Gold

Europe

Área Sanitaria de Santiago (Spain)

- **Climate Resilience** - Silver
- **Climate Leadership** - Silver

Área Sanitaria de Vigo (Spain)

- **Climate Mitigation** - Gold

Galician Health Service (Spain)

- **Climate Resilience** - Gold
- **Climate Leadership** - Gold

Manchester University NHS Trust (United Kingdom)

- **Climate Mitigation** - Silver

Sussex Community NHS Trust (United Kingdom)

- **Climate Mitigation** - Gold
- **Climate Leadership** - Silver

The Newcastle upon Tyne Hospitals NHS Foundation Trust (United Kingdom)

- **Climate Leadership** - Silver

Wolica Healthcare Center for Lung Diseases and Tuberculosis (Poland)

- **Climate Resilience** - Gold
- **Climate Leadership** - Gold

Global

Bupa

- **Climate Mitigation** - Silver
- **Climate Leadership** - Silver

Latin America

Associação Paulista para o Desenvolvimento da Medicina – SPDM (Brazil)

Centro Médico ABC (Mexico)

- **Climate Resilience** - Silver

Clínica La Estancia SA (Colombia)

- **Climate Mitigation** - Gold

Fundación Hospital San Pedro (Colombia)

- **Climate Mitigation** - Silver

Hospital Adventista de Manaus – HAM (Brazil)

- **Climate Leadership** - Gold

Hospital Clínica Bíblica (Costa Rica)

- **Climate Leadership** - Gold

Hospital das Clínicas da Faculdade de Medicina de Botucatu (Brazil)

- **Climate Mitigation** - Gold

Hospital do Rocio (Brazil)

- **Climate Mitigation** - Gold

Hospital Infantil Pequeno Príncipe (Brazil)

- **Climate Resilience** - Gold

Hospital Pablo Tobón Uribe (Colombia)

- **Climate Mitigation** - Silver

- **Climate Leadership** - Silver

Hospital San Rafael de Pasto (Colombia)

- **Climate Mitigation** - Silver

- **Climate Leadership** - Silver



2024 HEALTH CARE CLIMATE CHALLENGE WINNERS

Hospital Universitario Austral (Argentina)

- **Climate Resilience** - Silver
- **Climate Leadership** - Silver

Hospital Vozandes Quito (Ecuador)

- **Climate Leadership** - Silver

Instituto Roosevelt (Colombia)

- **Climate Mitigation** - Gold

Pacific

Hunter New England Local Health District (Australia)

- **Climate Leadership** - Gold

The Eye Surgery Hastings (New Zealand)

- **Climate Mitigation** - Gold
- **Climate Resilience** - Gold
- **Climate Leadership** - Gold

UnitingCare (Australia)

- **Climate Mitigation** - Silver

Your Community Health (Australia)

- **Climate Leadership** - Silver

U.S. and Canada

Allina Health (United States)

- **Climate Leadership** - Silver

Ascension (United States)

- **Climate Resilience** - Silver
- **Climate Leadership** - Silver

Providence (United States)

- **Climate Mitigation** - Silver
- **Climate Leadership** - Silver

Seattle Children's (United States)

- **Climate Mitigation** - Silver
- **Climate Leadership** - Silver

2024 Health Care Climate Commitment Cohort

Africa

- Western Cape Government Health (South Africa)

Asia

- Aravind Eye Care System (India)
- CSI Lombard Mission Hospital, Udupi (India)
- Hospital Bukit Mertajam (Malaysia)
- Sunway Medical Centre Velocity KL (Malaysia)

Europe

- Área Sanitaria da Coruña e Cee (Spain)
- Área Sanitaria de Ferrol (Spain)
- Área Sanitaria de Pontevedra (Spain)
- Dr. Becker Unternehmensgruppe (Germany)

Latin America

- Centro Especializado de Atención a Personas con Discapacidad Visual (Mexico)
- Corporación Hospitalaria Juan Ciudad - Hospital Barrios Unidos - Méderi (Colombia)
- Corporación Hospitalaria Juan Ciudad - Hospital Universitario Mayor - Méderi (Colombia)

U.S. and Canada

- WellSpan Health (United States)

RACE TO ZERO

2024 MILESTONES



78

PARTICIPANTS



27

COUNTRIES
REPRESENTED



15

NEW
PARTICIPANTS



6

NEW
CASE STUDIES



49%

PARTICIPATED
IN THE 2024 HCCC



6 OUT OF 7

CLIMATE
CHAMPIONS
ARE ALSO
RTZ MEMBERS



74%

CLIMATE
ACTION
WINNERS



+180.000

TCO2e
REDUCTION
(REPORTED)

Our members in the spotlight:

To learn more about the efforts of our members, please visit:

[Mary Johnston Hospital in High-Level Climate Champions \(HLCC\) LinkedIn](#)

[Sunway Medical Centre Velocity on the official HLCC website](#)

[Bupa on the official HLCC website](#)

**MORE INFORMATION
ON THESE INITIATIVES
CAN BE FOUND AT
GREENHOSPITALS.ORG**

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