Global Green and Healthy Hospitals

2015 Annual Progress Report

GLOBAL GREEN and HEALTHY HOSPITALS

Health Care Without Harm

ABOUT GGHH

Global Green and Healthy Hospitals (GGHH) is a worldwide network of hospitals, health systems and health organizations engaged in reducing the health sector's environmental footprint and advocating for policies that promote environmental and public health.

Launched in late 2011, the Network has quickly grown to include over 600 members from 32 countries representing the interests of more than 20,000 hospitals and health centers from every continent.

Based on a framework of ten interconnected goals, GGHH develops tools and resources to help members implement sustainability projects, measure their progress and collaborate with one another to foster large-scale change in the health care sector.

GGHH is a project of Health Care Without Harm.

THE 10 GOALS

Leadership
Prioritize Environmental Health

Transportation
Improve Transportation Strategies for Patients and Staff

Chemicals
Substitute Harmful Chemicals with Safer Alternatives

Food
Purchase and Serve Sustainably Grown, Healthy Food

Waste
Reduce, Treat and Safely Dispose of Healthcare Waste

Pharmaceuticals
Safely Manage and Dispose of Pharmaceuticals

Energy
Implement Energy Efficiency and Clean, Renewable Energy Generation

Buildings
Support Green and Healthy Hospital Design and Construction

Water
Reduce Hospital Water Consumption and Supply Potable Water

Purchasing
Buy Safer and More Sustainable Products and Materials

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GGHH WORLDWIDE STAFF 2015

AFRICA
South Africa | Luqman Yesufu

ASIA AND PACIFIC
China | Jiang Chao
Nepal | Mahesh Nakarmi, Saraswoti Thakuri, Urukshya Dongol, Shrawasti Karmacharya, Prerana Dangol
Philippines | Joyce Lanuza, Faye Ferrer, Moressa Tolibas, Dianne Mendoza, Ayeth Enrile
Australia | Fiona Armstrong, Chris Hill

EUROPE
Belgium | Anja Leetz, Grazia Cioci, Ana-Cristina Gaeta, Aidan Long

LATIN AMERICA
Argentina | Veronica Odriozola, Carolina Gil Posse, Maria Della Rodolfa, Antonella Risso
Brazil | Vital Ribeiro, Diego Ramos
Costa Rica | Alejandra Fernandez

UNITED STATES
Janet Howard, Cecilia DeLoach Lynn and the staff of Practice Greenhealth

GLOBAL SECRETARIAT
United States | Josh Karliner, Scott Slotterback, Susan Wilburn, Nick Thorp
Argentina | Alejandra Livschitz, Sonia Fakiel
United Kingdom | Ruth Stringer

REFLECTIONS

The year 2015 was a momentous one. The climate agreement finalized by the world's governments in Paris, while far from perfect, is a major step in the direction of moving the world away from fossil fuels and toward 100% renewable energy in the coming decades. If truly implemented, this treaty could become known as the greatest public health accomplishment of our time.

The Paris Moment may well be remembered as that instant in history when civilization changed course and took on its greatest existential threat. That, of course, depends on how well the agreement can be both implemented and then ratcheted up over time.

At GGHH we saw the lead-up to Paris in 2015 as an opportunity to focus health care's attention around the world on this crucial issue. Our aim was to use the moment as a pivot point to build worldwide health care action on climate well into the future.

We believe that health care can help solve the climate crisis. That's why in 2015 we launched the 2020 Health Care Climate Challenge. The Challenge is a vehicle for hospitals and health systems around the world to work together to reduce their carbon footprint, become more resilient in the face of a changing climate and take leadership to foster a transition to clean, renewable, healthy energy.

We took the 2020 Challenge on the road to events on every continent and organized our members to start weighing in on what the Lancet has called a "global health emergency." By the time we got to Paris we had nearly 70 participants in the Challenge representing more than 8000 hospitals from 19 countries, far surpassing our initial expectations.

GGHH is playing a leadership role in building a healthier, more environmentally sound, more just future. Never have so many health professionals, organizations, institutions, hospitals and systems come together around these issues.

We now have more than 600 members representing more than 20,000 hospitals and health centers on every continent.   Whether these members are working on climate, medical waste, chemical substitution, green building, or energy efficiency, all are working together to help forge a greener and healthier future.

As this annual report demonstrates, the work is diverse, it's dynamic and it exciting.   We hope you enjoy reading about it.

Josh Karliner
Director of Global Projects
Health Care Without Harm

TOWARD LOW CARBON HEALTH CARE
GGHH MEMBERS IN THEIR OWN WORDS

"The 2020 Challenge will expand actions to reduce greenhouse gas emissions and increase our board of directors' engagement on climate change while strengthening our vision of sustainability in health care."

Dr. Gonzalo Vecina Neto
Corporate Superintendent
Sirio Libanes Hospital | Brazil

"Yonsei University Health System has been implementing a greening program since 2010, not only for patient care quality but also for protecting the public from damages caused by climate change which intensifies natural disasters and diseases on our planet."

Dr. Dong-Chun Shin
Director of Institute for Environmental Research, Yonsei University College of Medicine | South Korea

"Climate change is a clear threat to human health. The 2020 Challenge provides health care with a path forward to act on climate and benefit quality of life everywhere. Virginia Mason is honored to be an inaugural signatory of the Challenge and I encourage our health care colleagues around the world to join us in this important work."

Gary Kaplan
MD, Chairman and CEO
Virginia Mason Health System | USA

"We have made significant savings in relation to green technology and systems. It is a good return on investment; I think the major return is quality service."

Dr. Anwar Kharwa, CEO
Khayelitsha Hospital | South Africa

"Not only does climate change present a huge challenge for the health and care sector in England but also a great opportunity to change the way we work - to improve the health of people and communities, save money and help the environment."

Sonia Roschnik
Head of the Sustainable Development Unit, Health and Care System | England

"Counties Manukau Health recognises the global imperative to reduce greenhouse gas emissions and that this will benefit the health of people locally and around the world. We're committed to reducing our carbon footprint as part of our mission to promote a healthier environment for our patients, staff and community. We're excited to be part of this global effort."

Debbie Wilson
Environmental Sustainability Manager
Counties Manukau District
Health Board | New Zealand

MEASURING PROGRESS
GGHH TARGETS AND ACHIEVEMENTS

Our work would not be possible without the dedication and commitment of countless people who do the day to day work in their hospitals, health systems and organizations, advocating for positive change within their institutions.

Similarly, GGHH's staff is what makes the Network hum. Whether its Brussels, Buenos Aires or Beijing; Durban, Melbourne, or Manila; Sao Paulo, San Francisco or San José, Costa Rica, our global team brings decades of experience and a broad array of skills to the job.

This report assesses progress our network has made in the past year in four key strategic areas:

1. Network Breadth and Reach

2. Network Depth and Member Engagement

3. Measurement of Environmental Footprint Reduction

4. Achieving Large Scale Change via Broad Health Care Sector Adoption

Our work is made possible by the commitment of health care professionals advocating for change within their institutions.

Elective Surgery Centre

NETWORK BREADTH AND REACH

In 2015 GGHH expanded its influence and that of its members, emerging as a significant global voice and resource.

MEMBERSHIP

The GGHH network grew dramatically in 2015. The number of members increased at a steady rate, from 471 to 617 members. New members ranged from health systems and organizational members representing numerous hospitals and health centers, to individual hospitals on every continent.

Overall, we more than doubled representation, with over 20,000 hospitals and health centers represented by GGHH members by the end of the year.

As the network expands, it continues to include a diverse group of public and private health systems, hospitals, health centers and organizations.

2015 OUTCOMES
TARGET: Institutions representing the interests of 12,500 hospitals and health centers.

ACHIEVEMENT: institutions representing the interests of 20,775 hospitals and health centers.

2016 TARGET
Institutions representing the interests of 25,000 hospitals and health centers.

US & Canada
3 hospitals, 6 health systems and 3 organizations representing the interest of 1,461 hospitals and health care facilities

Europe
18 hospitals, 17 health systems and 7 organizations, representing the interest of 6,567 hospitals and health centers

Asia
73 hospitals and health care facilities, 6 health systems and 7 organizations representing the interest of 8,208 hospitals and health centers

Latin America
357 hospitals, 43 health centers, 23 health systems and 13 organizations, representing the interest of 1,417 hospitals and health centers

Africa
12 hospitals, 3 health systems and 1 organization, representing the interest of 1,165 hospitals and health centers

Pacific
5 hospitals, 11 health systems and 5 organizations, representing the interest of 892 hospitals and health centers
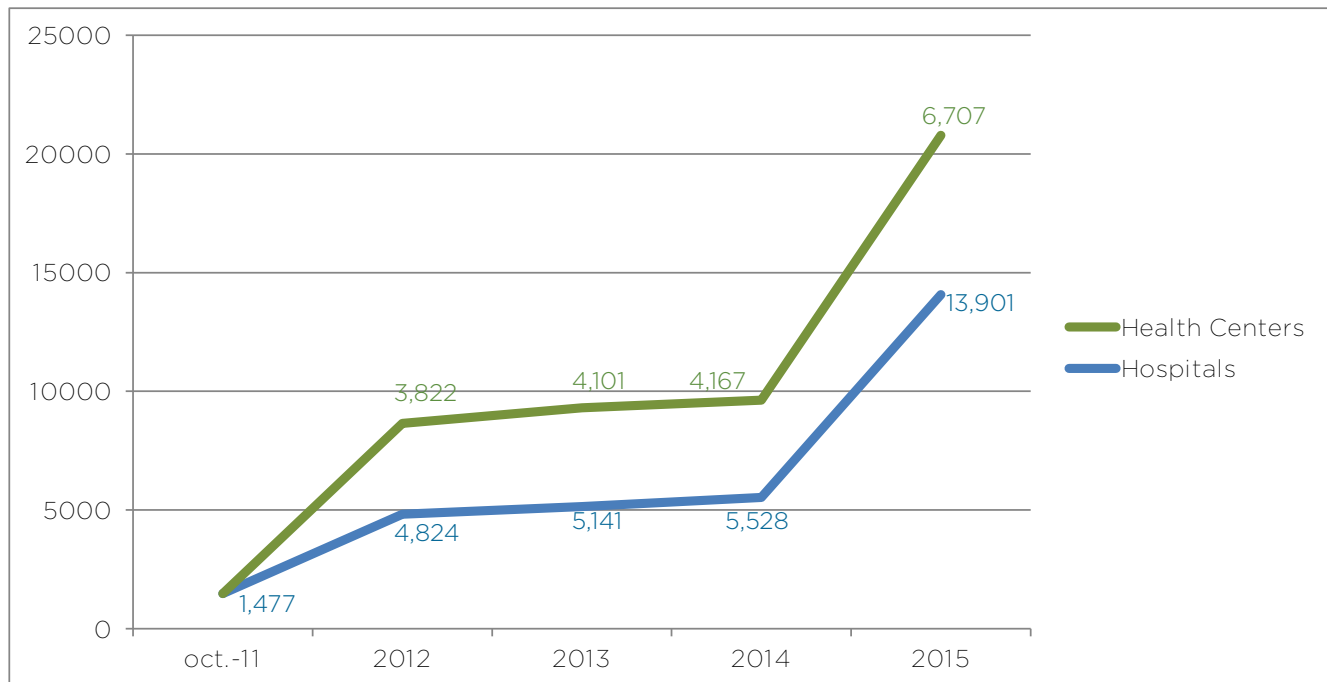
Global
3 organizations representing the interest of 900 hospitals

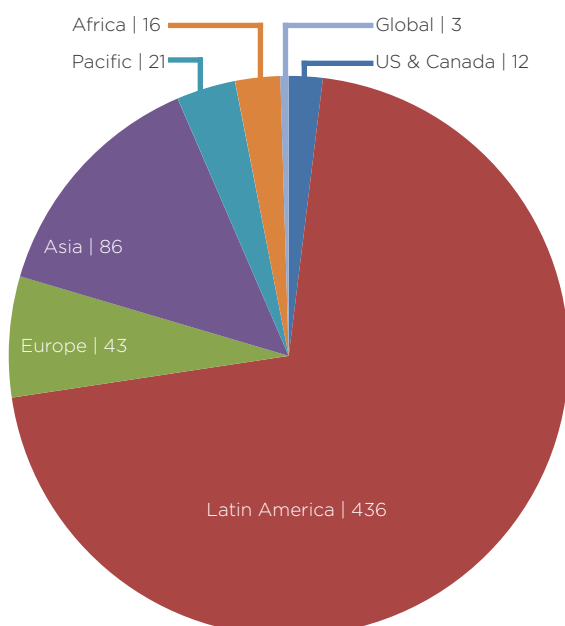★ HCWH Regional Offices
● Strategic Partners

GGHH has 617 members from 34 countries representing the interests of 20,608 Hospitals and Health Centers

A Network of Networks

Chart showing growth of Health Centers and Hospitals from oct.-11 to 2015.

Health Centers: 6,707 (2015), 4,101 (2013), 4,167 (2014), 3,822 (2012)
Hospitals: 13,901 (2015), 5,141 (2013), 5,528 (2014), 4,824 (2012), 1,477 (oct.-11)

Member Distribution by Region

Africa | 16
Pacific | 21
Global | 3
US & Canada | 12
Asia | 86
Europe | 43
Latin America | 436

Hospitals and Health Centers Represented by Region

Africa | 1,165
Pacific | 892
Global | 900
US & Canada | 1,461
Latin America | 1,417
Asia | 8,206
Europe | 6,567
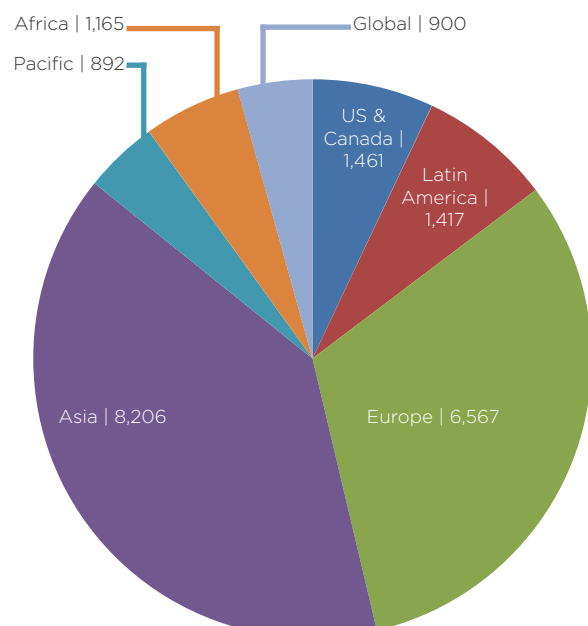
PUBLIC EVENTS

2015 OUTCOMES
TARGET: Hold a series of regional events that lead up to a worldwide event in France in conjunction with the UN climate meeting.

ACHIEVEMENT: (partial list)
Australia
In November, GGHH members Climate and Health Alliance and the Australian Hospitals and Health Care Association held the fourth annual Greening the Health Sector Think Tank. The 37 participants were from 25 organizations including hospitals, health care services, state health departments, professional associations, universities and advocacy groups.

Brazil
In August, in São Paulo, at the First Latin American Forum on Quality and Safety in Healthcare: Einstein Hospital and Institute for Healthcare Improvement, HCWH's President gave a keynote focusing on health and climate.

In September, GGHH's Brazil partner Hospitais Saudaveis held its eighth annual 2-day conference, attended by more than 600 people each day.

Canada
In September, the Pan American Health Organization and government agencies from the U.S. and Canada, along with GGHH members, the Canadian Coalition for Green Health Care and Synergie Santé Environnement, convened 33

international experts from 8 countries for the Health Care Facility Climate Change Resiliency Workshop.

Chile
In November, the seventh Annual Seminar on Green and Healthy Hospitals was organized by HCWH and the Ministries of Health and Work of Chile. More than 100 GGHH members from the national public health system shared their achievements and challenges.

China
In May, GGHH staff and members participated in an all day session on Green Hospital Design and Construction at the 16th China Hospital Construction Forum, Hospital Build & Infrastructure China Congress and Exhibition. The Congress, held in Dalian, China; attracted over 2,000 Chinese hospital decision makers.

In November, GGHH member, China Academy of Building Research organized a day-long seminar attended by more than 200 hospitals, government officials, building research institutes and health care associations. All events featured plenary speeches by GGHH staff.

Colombia
In September, in Bogotá, the city's Health Secretariat, HCWH Latin America and the Pan-American Health Organization organized the Second GGHH Latin American Conference. It was attended by more than 400 representatives of hospitals and health systems from Argentina, Brazil, Chile, Colombia, Costa Rica, Mexico and Peru.

Australia | Greening the Health Sector Think Tank

Colombia | GGHH Latin American Conference

Europe
HCWH Europe presented on the 2020 Climate Challenge in Italy in June at the Effects of Climate Change on Health conference, organized by the Emilia-Romagna Region and in November, at the EuHP Network Conference: Evaluating Changes to Europe's Health Care Facilities.

In December, HCWH organized two major events parallel to the COP 21 climate negotiations in Paris, and participated in the Global Climate and Health Summit there.

México
In May, in Pachuca, Hidalgo, HCWH co-sponsored and participated in the 1st International Conference on Health Quality held at GGHH member Children´s DIF Hidalgo Hospital and attended by more than 100 people daily.

Philippines
In November, the Philippine Hospital Association national conference in Manila featured a keynote by HCWH's International Coordinator on climate, health and the 2020 Challenge.

South Africa
In October. GGHH staff gave a keynote and organized climate workshops at the national Public Health Association of South Africa conference in Durban, South Africa.

South Korea
In October, the Green Hospitals Asia Conference organized by HCWH, Korea Green Hospitals Society and Environment Ministry, was attended by member hospitals from South Korea, China, Indonesia, Thailand and the Philippines.

United States
GGHH members Healthier Hospital Initiative (HHI) and Practice Greenhealth organized numerous events, webinars and sustainability meetings as well as the annual CleanMed conference in May, attended by more than 1,000 hospital representatives, businesses and health care professionals.

In September, in New York, HCWH rolled out the 2020 Challenge as a Commitment at the Clinton Global Initiative.

In October in Washington DC, the Health Care Climate Council, comprised of 17 leading US health care systems, called on "global leaders take decisive action that will protect human health from climate change, both now and for future generations."

In October in Chicago, the 39th International Hospital Federation's World Hospital Congress, included a HCWH Panel on the 2020 Challenge.

2016 TARGET
Hold a series of regional and international events that continues to build the global movement for environmental health and leads to large-scale change in the health sector.

Asia | GGHH Regional Conference

Europe | Paris Conference on Climate Change and Health Care

NETWORK DEPTH: ENGAGEMENT

GGHH is pursuing a series of strategies to deepen member participation, collaboration and innovation.

GGHH CONNECT

In October 2014, in collaboration with Cisco Systems and the Skoll Foundation, we launched GGHH Connect. Today, member hospitals, health systems and health organizations are collaborating, learning and connecting with each other on this multilingual online platform.

Participation in GGHH Connect is growing with more and more members seeing it as the go-to location for global sustainability resources, such as guidance documents, case studies and real-time sustainability discussions.

In 2015 GGHH Connect activity averaged around 1,000 visits per month, bringing members from all over the world together to crowd source sustainability solutions.

2015 OUTCOMES
TARGET: Establish up to 1,000 accounts for members and experts.

ACHIEVEMENT: Platform rolled out globally. 840 accounts established with more than half activated.

2016 TARGET
1,200 active accounts and a robust platform with growing capacity to foster collaboration, innovation and advocacy. Add responsive design features to enable smartphone access.

WEBINARS AND WEB-BASED EDUCATION PROGRAMS

In 2015 we rolled out our Global webinar series, while the already successful program in Latin America continued to grow.

2015 OUTCOMES
TARGET: Launch global webinar series and pilot webinars in other regions.

ACHIEVEMENT: Over 600 people from more than 60 countries attended seven Global Webinars in 2015. Topics included:

• Health Impacts of Energy Choices
• Health and Climate Change
• Health Care Waste Management
• Leadership and the 2020 Challenge
• Ebola and Health Care Waste: Lessons From West Africa
• Green Design and Construction of Hospitals
• Sustainable Water Management and Conservation

HCWH's Latin America team also organized eight webinars on energy, food, climate change, water and waste. Another 700 people from 20 countries participated.

2016 TARGET
Continue to build the global webinar series and support the development of webinars in each region.

WASTE/CHEMICALS COURSE

In 2015, Health Care Without Harm Latin America (Salud sin Daño) developed and launched the first edition of a two-month virtual fee-based course on waste management and the handling of hazardous chemicals in health care.

Accessed via GGHH Connect, the course is aimed at technical and operational staff of public and private health care institutions, as well as university students and others interested parties.

The course is divided into 8 weekly modules. Each module provides:

• A video, where teachers explain in depth the relevant contents.
• Supporting materials (documents, slides, bibliography).
• A discussion forum where students can ask questions, and interact with peers and teachers.

At the end of the 8 modules, students who accomplish 40 hours of participation in the course and successfully complete an evaluation receive a certificate from Health Care Without Harm. The second edition of the course will take place during May-June 2016.

GGHH Members Workshop, South Africa

GUIDANCE DOCUMENTS

Knowing how to get started can be a significant challenge for hospitals and health systems seeking to reduce their environmental footprint. Guidance Documents provide GGHH members with an overview of sustainability opportunities, case studies and links to resources to help them implement their programs.

2015 OUTCOMES

TARGET: Documents for five GGHH Goals in place by end of 2015

ACHIEVEMENT: Four guidance documents on Water, Energy, Buildings and Waste are available on GGHH Connect in English, Spanish and Portuguese.

2016 TARGET

Produce and release Guidance Documents for Chemicals, and Procurement.

CASE STUDIES

GGHH honors and shares the excellent work of our members by publishing case studies of their sustainability achievements. Case studies demonstrate that sustainability innovations are viable and cost effective in a variety of settings around the world.

2015 OUTCOMES

TARGET: Produce and publish 60 case studies in multiple languages.

ACHIEVEMENT: 80 case studies published and are available online.

2016 TARGET

At least 100 case studies published.

FAST FACTS FROM GGHH CASE STUDIES

Australia | Mater Health Services implemented room-service Choice on Demand patient food service, which significantly improved patient satisfaction, while reducing food waste, and saving $330,000 per year.

Chile | Hospital de la Familia y la Comunidad de Santa Barbara. Installed solar panels, reduced liquefied gas consumption and created social awareness about the use of solar power.

China | Beijing Huilongguan Hospital installed an energy management system, low energy lighting, a ground-source heat pump system, higher efficiency transformers and other energy savings measures, reducing the energy consumption per building by 13%. Coal-burning boilers were replaced with gas-burning models for pollution reduction.

Mexico | Hospital General de Ecatepec "Dr. José Ma. Rodríguez", Instituto de Salud del Estado de México used Herbal Therapy- Hospital Grown Medicines, reduced the amount of prescription drugs used (and their environmental impacts), while saving money.

New Zealand | Middlemore Hospital Counties Manukau Health instituted an operating theatre waste recycling program, recycling over 40,000 kilos of waste per year.

South Africa | Khayelitsha District Hospital deployed a solar and wind power plant eliminating 137 tons of carbon emissions and saving $US 150,000 per year.

South Korea | Yonsei University saved 115,405 m3 of water which is processed and reclaimed for toilet flushing and landscape irrigation, saving $US 160,000 per year.

United States | ProMedica Toledo Hospital used an energy management system, low energy lighting and combined heat and power to reduce source energy use by 18% eliminating 700 tons of carbon emissions.

MEASURING FOOTPRINT REDUCTION

MEASUREMENT SYSTEMS

GGHH is developing an online system for members to easily report, benchmark and measure progress in each of the ten goal areas.

2015 OUTCOMES

TARGET: Measurement system for 5 goal areas in place and active by end of 2015.

ACHIEVEMENT: GGHH U.S. Member Practice Greenhealth's Healthier Hospitals Initiative issued its 2014 Milestone Report, measuring significant progress from nearly 1,000 hospitals reporting across six goal areas. Highlights include:

Sustainable Food
115 hospitals spent $35,805,740 on local and sustainable food in 2014, and 64 percent (74 hospitals) purchased at least 15 percent local and sustainable food.

Safer chemicals
172 U.S. hospitals reported making at least one product line DEHP- and PVC-free in 2014.

Energy
In 2014, HHI's Leaner Energy Challenge resulted in reduced energy use equivalent to avoiding 73,600 metric tons of CO_2e in greenhouse gas emissions, the equivalent of removing 15,600 vehicles from U.S. roads.

Waste
395 hospitals recycled 122,000 tons of waste.

GGHH DATA CENTER

As part of the 2020 Health Care Climate Challenge, GGHH launched a data tracking system. This system is the first international effort ever to track health care's carbon emissions, as well as resiliency and leadership actions to address the impacts of climate change .

This data tracking system is a prototype for a more comprehensive system that GGHH began building in 2015.   Set to launch in mid-2016, it will initially include climate and 3 goal areas, and expand over time to span the 10 GGHH Goal areas. It aims to allow members to generate reports that help them make the case for sustainability inside their institutions and beyond.

This system also aspires to allow GGHH to aggregate data by hospital group, as well as on national, regional and global levels. It will be geared to help motivate and mobilize GGHH members to collectively engage in large-scale impact in their systems, nationally and across borders.

2016 TARGET

At least 1500 hospitals and health centers are incorporated into or linked with measurement systems on greenhouse gas emissions.

MENOS HUELLA, MÁS SALUD

In 2015, HCWH Latin America, *Salud sin Daño*, launched a new program, *Menos huella, más salud* (Less footprint, more health) for GGHH members. It offers a package of tools and training to support hospitals and health centers to measure and reduce their environmental footprint.

Menos huella, más salud provides tools for monitoring actions on waste and energy, allowing access to documents, tools and webinars with practical examples particularly useful for Latin American hospitals, many of whom are just beginning to measure their footprint and develop indicators.

At *Menos huella, más salud*, members can download the tools and resources, attend online training, participate in discussion forums, collect information on their energy consumption and waste generation, and document and share their experiences through case studies specific program.

Later, it will connect to the GGHH data center's online reporting and monitoring, where network members can compare their performance with that of other similar establishments worldwide. In turn, a special recognition will be given to members who are able to reduce their environmental footprint significantly.

**in 2015 GGHH launched the first ever international system to track health care's carbon emissions.
Photo: Marrakesh Hospital University Centre, Morocco**

2020 HEALTH CARE CLIMATE CHALLENGE

In April 2015, nine leading health care institutions from across the globe pledged to take meaningful action on climate change, kicking off the 2020 Health Care Climate Challenge, a GGHH-led worldwide campaign to mobilize hospitals and health systems to address one of humanity's most pressing problems.

Participants in the 2020 Challenge include hospitals, health care facilities, health systems, and health, academic or professional organizations from all over the world.

The Challenge is based on three pillars:

1. Mitigation – Reducing health care's own carbon footprint.
2. Resilience – Preparing for the impacts of extreme weather and the shifting burden of disease.
3. Leadership – Educating staff and the public while promoting policies to protect public health from climate change.

By December 2015 at COP 21 in Paris, we were able to announce that a total of 67 participants, representing more than 8,200 hospitals and health centers in 19 countries had joined the 2020 Challenge.

Examples of 2020 Participants' commitments and achievements include:

In Sweden, the Stockholm County Council has a target for their greenhouse gas emissions to be 75% lower in 2020, compared with their emissions in 1990.

The United Kingdom's National Health Service (NHS) is working toward a 34 percent reduction in carbon emissions by 2020.

In Berlin. Germany, Klinikum Neukoelln - a member of Vivantes International Medicine Group, one of their main hospitals in Berlin - has achieved a 40% reduction of carbon emissions equal to over 100,000 tons of CO_2.

Albert Einstein Hospital in Sao Paulo, Brazil developed and implemented a sustainability master plan, with initiatives resulting in a 41% reduction of annual greenhouse gas emissions.

The Western Cape Government in South Africa has made commitments to reduce their carbon footprint from energy consumption at government hospitals by 10% in 2020 and 30% in 2050, based on 2015 levels.

Yonsei University Health System, one of the premier health care providers in Korea has set targets to reduce the greenhouse gas emissions from their facilities by 27% by the year 2020.

Kaiser Permanente, one of the largest not-for-profit health plans in the United States, is aiming to reduce their greenhouse gas emissions across the system by 30% by 2020.

South Western Sydney Local Health District in Australia has reduced energy and water consumption generating significant financial savings and reducing annual CO_2 emissions by 6,370 tonnes.

COP 21 | CLIMATE AND HEALTH CARE

Our presence at COP 21 in Paris was the culmination of a year of organizing around the globe designed to build momentum for the 2020 Challenge and health care engagement on climate change in general.

A Leadership Roundtable

Many 2020 Challenge participants joined us in Paris on December 3 for the first Health Care Climate Leadership Roundtable, hosted by APHP—Paris' prestigious public hospital system and a new GGHH member.

The Roundtable was the first global gathering ever of health systems working on climate change. Major health care systems from Europe, the U.S., and Asia, along with representatives from WHO and other UN agencies came together to share experiences and strategies, while forging plans to scale-up health care engagement on climate change. It set the stage for a series of initiatives that will take place in 2016.

At the Roundtable, the U.S. system, Dignity Health, announced that it was divesting from coal. Several health systems also signed the 2020 Challenge at the Roundtable itself, including our French hosts APHP, the global health care group BUPA, BUND—a group working with 25 hospitals in Germany, and the Public Health Foundation of India.

A Global Conference

The following day, December 4, we co-organized a day-long conference on Climate Change and Health Care together with the French Hospital Federation and several other partners at the Georges Pompidou Hospital. The event featured a rich series of panels with speakers from a diversity of regions sharing in depth experiences on how to foster low carbon health care, through renewable energy, purchasing, economics and policy.

Climate Champion Awards

At the Conference, we issued our First Annual 2020 Challenge Climate Champion Awards to 15 2020 Challenge participants from 5 continents who are made up of leaders from the global health sector at the forefront of the movement towards low carbon health care.

LARGE SCALE CHANGE:
BROAD HEALTH SECTOR ADOPTION

Fostering large-scale change in health care is a core tenant of GGHH. We accomplish this by working with members to foster national and international policy change and catalyze leadership for environmental health.

NATIONAL AND SYSTEM ADOPTION

Large health systems, government ministries and international organizations are already beginning to adopt significant parts of the GGHH Agenda as their framework for sustainability. Others are building their own parallel framework. All are helping build a global movement for environmental health.

2015 OUTCOMES

TARGET: 1 national health system; 3 major hospital systems adopt GGHH Agenda.

ACHIEVEMENTS: While no national health system signed up for GGHH in 2015, more than 20 public and private health systems did. These include (partial list):

Chile | Three health systems joined GGHH.

South Africa | Netcare joined GGHH and the 2020 Challenge.

Australia and New Zealand | Four health systems, joined GGHH.

United States | Major health systems join the 2020 Challenge, including Partners Healthcare, Kaiser Permanente, Dignity Health, and Gundersen Health System.

Europe | The Paris Public Hospital System, and the Stockholm County Council joined GGHH and the 2020 Challenge.

Taiwan | Buddhist Tzu Chi Medical Foundation joined GGHH and the 2020 Challenge.

2016 TARGET

1 more national health system; 20 more hospital systems join and adopt GGHH Agenda.

Vermicomposting, St. Paul Hospital Cavite, Philppines

ADVOCACY FOR ENVIRONMENTAL HEALTH

In 2015 GGHH's advocacy work focused on mobilizing health care in the lead up to COP 21 in Paris via a series of public events (see pp. 8-9) and the 2020 Health Care Climate Challenge (see pp. 16-17).

2015 OUTCOMES

TARGET: Secure commitment from at least 10 major health systems from all continents to significantly reduce their carbon footprint and to advocate for healthy climate policies. Launch these commitments at the Paris Climate Conference, December 2015.

ACHIEVEMENTS: Sixty-nine participants in the 2020 Challenge, representing more than 8,900 hospitals and health centers in 20 countries committed to reducing their carbon footprint and taking action on climate change.

Other policy and advocacy achievements include:

• Launch of an initiative with UNDP, secretariat for the UN interagency task team for sustainable procurement in the health sector, and supported by the UN Foundation, to help develop criteria for green procurement across the $5 billion that the UN system spends annually on health care.

• GGHH's Sustainability Coordinator joined the Bureau of the Strategic Approach for International Chemicals Management (SAICM) as a health sector representative to this UNEP-led framework for sound chemical's management bringing GGHH's voice into the center of the global chemicals policy debate.

2016 TARGETS

Build on the 2015 successes of the 2020 Climate Challenge and secure commitment from at least 10 additional major health systems to significantly reduce their carbon footprint and to advocate for healthy climate policies.

Increasingly mobilize health care to advocate for a rapid transition to clean energy in order to protect public health from local pollution and global climate change.

Collaborate with allied international organizations such as WHO, UNDP, UNEP, SAICM and the World Bank, as well as national governments and bilateral aid agencies, to accelerate the integration of sustainability in health policy and health in national and international climate, energy and environmental policy.

Tree planting, Marrakesh Hospital University Centre, Morocco

Green Week, Hospital de Niños, Costa Rica

GGHH FINANCES

2015 INCOME

GGHH income currently comes primarily from the following sources:

The Skoll Foundation, which has generously invested in the Network's development over the past several years.

Cisco Systems, which has made, a multiple-year in-kind donation to develop GGHH Connect and provided funding for translation and the development of a data system.

The United Nations Foundation which is supporting our collaboration on green procurement.

Climate Works Foundation and the Rockefeller Brothers Fund which have supported our work to mobilize health care to address climate change.

Several large hospital systems and philanthropic foundations also fund Practice Greenhealth, which carries out GGHH's mission in the U.S.

Activities by members and partners in many regions of the world are also co-financed by local entities.
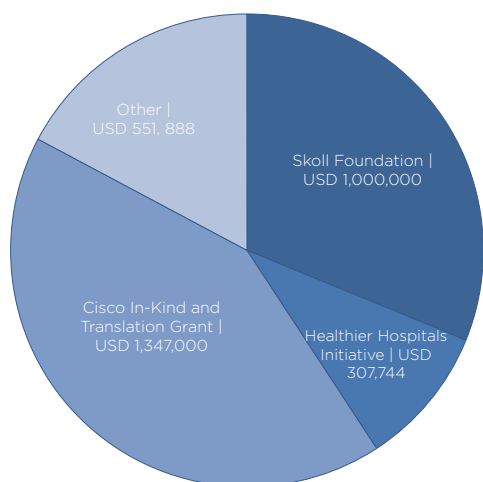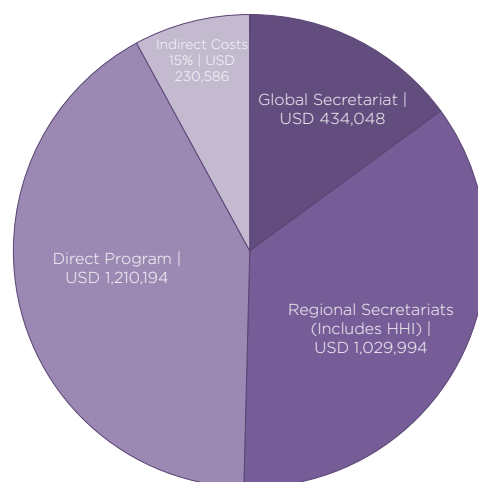
2015 EXPENSES

Most of GGHH's income is spent to support the implementation of Network programs, activities and development at national and regional levels.

A portion also finances a Global Secretariat that coordinates the Network and provides support for members around the world.

2016 TARGET
A. Grow our budget
B. Build new income streams
C. Diversify our funding base

Other |
USD 551, 888

Skoll Foundation |
USD 1,000,000

Cisco In-Kind and
Translation Grant |
USD 1,347,000

Healthier Hospitals
Initiative | USD
307,744

Indirect Costs
15% | USD
230,586

Global Secretariat |
USD 434,048

Direct Program |
USD 1,210,194

Regional Secretariats
(Includes HHI) |
USD 1,029,994

About Health Care Without Harm

Global Green and Healthy Hospitals is a project of Health Care Without Harm (HCWH). HCWH works to transform the health care sector worldwide, without compromising patient safety or care, so that it becomes ecologically sustainable and a leading advocate for environmental health and justice.

HCWH collaborates with doctors, nurses, hospitals, healthcare systems, professional associations, NGOs, governments and international organizations to promote the development and implementation of safe and environmentally healthy practices, processes and products in the health care sector.   HCWH also develops and implements health sector advocacy strategies.

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In 2016 we will build on our success to mobilize health care to advocate for clean energy to protect public health from climate change.

Health Care Climate Leadership Roundtable, Paris

www.greenhospitals.net