

How to use this presentation

This slide deck can be modified for formal presentations that outline the opportunity for alignment of sustainability and community resilience principles with overarching strategic goals.

Sentences in all caps are instructions, and sentences with lowercase letters are sample narratives for the user to modify (as needed).

Download the deck, modify the slides as needed, and delete this slide and other slides that are not needed.

Health care leadership: Aligning strategy and sustainability



PRACTICE
Greenhealth®

Why sustainability?



Preserving the environment is something most health care organizations acknowledge as important. However, many organizations do not have formal programs in place to do so. Viewing sustainability as “nice-to-have” rather than a top priority can be detrimental not only to a health care organization’s surrounding community, but also to its bottom line.

There are several reasons why it's essential for health care organizations to shift their thinking to put sustainability front and center in organizational priorities.



Sustainability creates tangible benefits





“

Health care organizations need to be honest with themselves and ‘look in the mirror’ when it comes to environmental factors that affect human disease. Our mission is to improve the health of the communities we serve, and we cannot accomplish this mission without looking at our organization’s environmental impact and how that contributes to disease.

Dr. Jeff Thompson
Gundersen Health
(former CEO)

”



Local quote #1

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Local quote #2

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Local quote #3

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Sustainability provides stability

During the COVID-19 pandemic, companies with strong ESG (environmental, social, governance) foundations have fared better, which highlights the the business case for sustainability in times of crisis.



COVID-19 revealed the importance of ESG as a **foundation for stability during a crisis**, as evidenced by research showing that ESG funds have fared better during the market downturn, as have companies with higher ESG scores.



Shortages of medical equipment, consumer staples, and other items have laid bare the need to ensure supply chain transparency and resilience from both a business and societal perspective.



Many areas which also impact sustainability – including structural racism, inequity, and the need for inclusive economy – are being **amplified by COVID-19.**



The treatment of stakeholders is receiving more media attention than during past crises, separating companies taking steps to protect their workforce, communities, and value chain from those who do not. Reputational impacts will be long-lasting.



Just Capital's COVID-19 Corporate Response Tracker provides **detailed information on company responses** and has received coverage from multiple, prominent media outlets.



COVID-19 is a poignant case study/learning example for **managing the risks/possible scenarios of climate change.** Companies should work to both mitigate and adapt to climate change.

Local drivers unique to your health care organization



Community health challenge or commitment.



Partnership with an agency or local organization to do X.



Something else.

Linking mission to sustainability

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consectetur adipiscing elit.



HOSPITAL



Hospital or system mission <insert here>

Why sustainability IS part of your mission

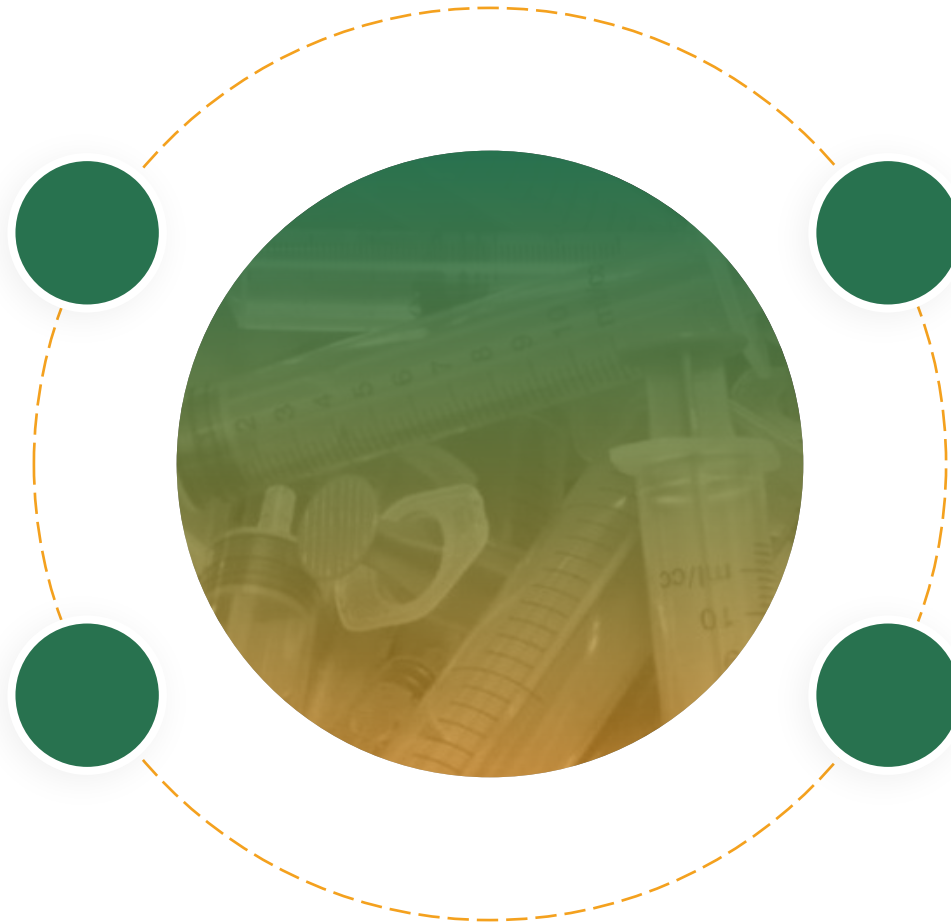
Waste and recycling

Stony Brook University Medical Center

Through improved staff education, expansion of the recycling program to offsite areas focusing on corrugated cardboard led to a reduction in solid waste saving \$51,527 in 2019.

Montefiore Medical Center

The health system reduced patient room waste containers from 2 to 1, saving an estimated \$28,838 annually (plastic liners + labor), and 5,138 lbs of plastic waste eliminated by working with EVS and infection prevention to minimize RMW containers and standardize solid waste containers.



2020 Sustainability Benchmark Report data | Median annual cost-saving per facility:

- Reusable sharps containers: \$10,674
- Lab solvent distillation: \$7,857
- Reusable sterilization containers: \$18,398

Your organization name here

Add your organization's waste story and data here.

Climate and health

Regions Hospital

Regions Hospital community solar garden (CSG) subscription agreements produced 7,843,433.77 kWh of electricity and saved over \$111,000 in 2019.

Hospital in Georgia (name withheld)

Onsite solar panels generated 768,541.55 kWh of energy, saving \$67,000 in 2019.



2020 Sustainability Benchmark Report data | Climate leadership:

- Generated or purchased renewable energy: 36%
- Median annual savings per facility from emission reduction: \$130,000

Your organization name here

Add your organization's climate & health story and data here.

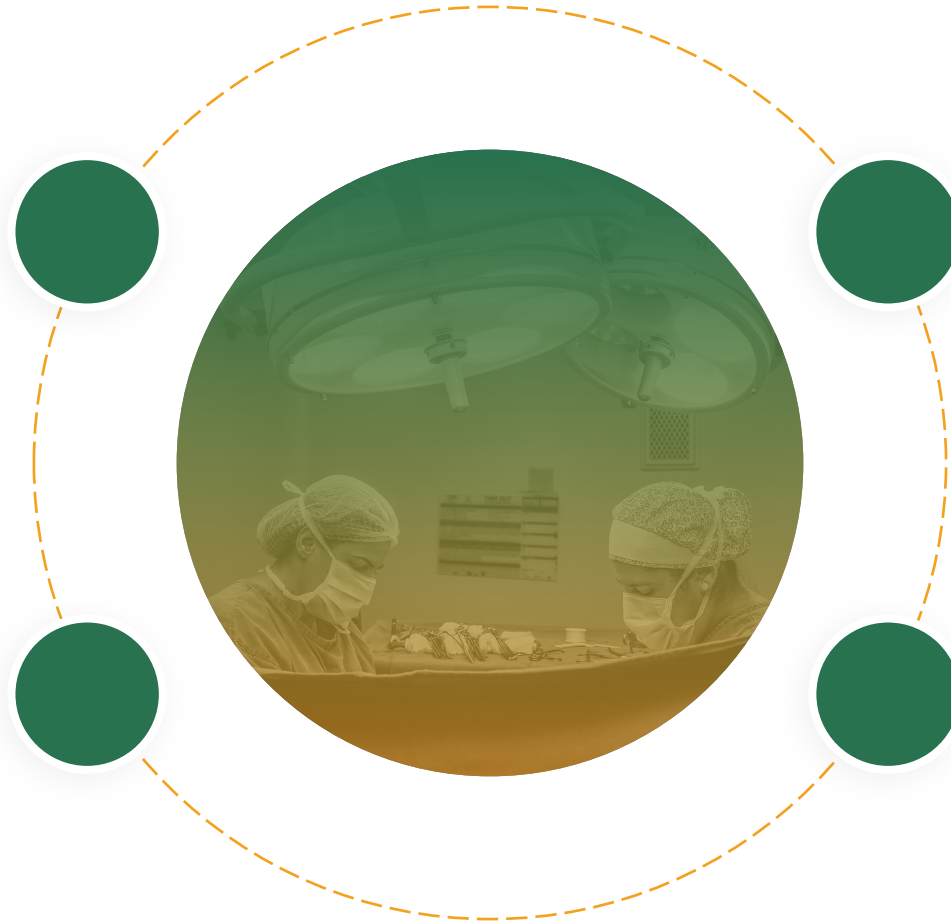
Greening the OR™

Overlook Medical Center

This health system saved nearly \$400,000 in annual fluid waste management costs after installing a direct-to-drain fluid management system, preventing countless containers of solidified waste from reaching local landfills.

Providence Portland Medical Center

Providence launched a surgeon preference card review to improve efficiency, eliminating wasteful practices (opening and wasting unused items, wasting expired items, over-stocking, etc.), and centralizing card changes. As a result, over \$1.1 million savings per year is anticipated.



2020 Sustainability Benchmark Report data | Median annual cost-savings by facility, OR:

- Collection and purchase of reprocessed medical devices (SUDs): \$80,910/facility; \$6,206/OR
- Reusable canister fluid management systems: \$33,560 facility; \$3,389/OR
- HVAC Setback: \$33,894/facility; \$2,500/OR

Your organization name here

Add your organization's Greening the OR story and data here.

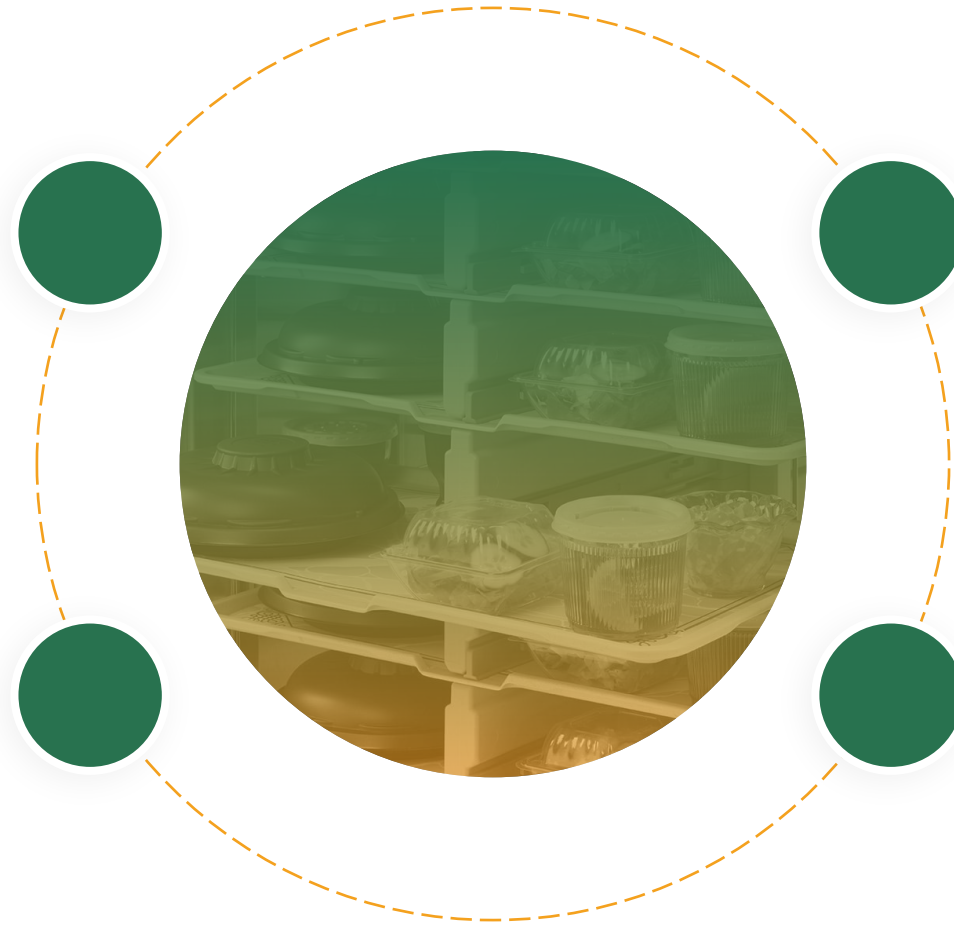
Food

Medical center in Houston, Texas (name withheld)

This health system implemented a reusable takeaway food container program reducing the cost of disposable containers by \$11,980/month and diverted 4,475 lbs of containers from the landfill.

Providence St. Patrick Hospital and Health Sciences Center

By working with their food service partner, Providence decreased food waste by 39% in 2019 through education, tracking food waste, composting, and adjusting par levels in real time to decrease quantities prepared. This reduced food spending by \$100,000.



2020 Sustainability Benchmark Report data | Food leadership:

- Access to local, healthy/sustainable food: 66%
- Working on meat/poultry reduction: 76%
- Developed contract/RFP language with sustainable food procurement criteria: 60%

Your organization name here

Add your organization's Healthy Food story and data here.

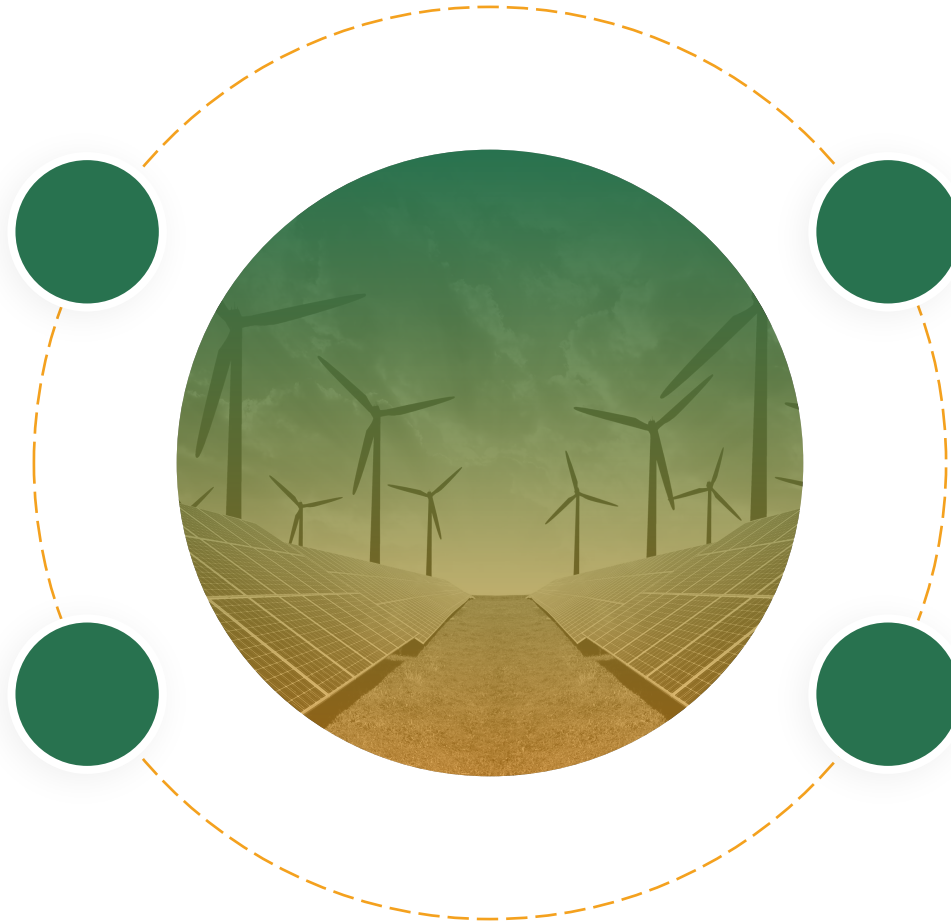
Energy

Medstar Franklin Square Hospital Center

The facilities team upgraded lighting fixtures to LED reducing energy and saved \$83,970 in FY19.

OSF Saint Anthony Medical Center

This health system replaced the steam chiller with a high-efficiency designed system saving 1,338,970 kWh/year (\$107,117/year) compared to a "standard" design and eliminated consumption of 105,807 therms (\$42,322/year) of natural gas.



2020 Sustainability Benchmark Report data | Energy leadership:

- Have a dedicated energy manager role: 79%
- Median Energy Use Intensity (EUI): 217 kBtu/sq ft
- Median annual energy cost savings per facility per year: \$40,093

Your organization name here

Add your organization's Leaner Energy story and data here.

Chemicals

University of Illinois Hospital

This hospital changed their policy to no longer use floor strippers, saving an estimated \$15,000 in 2019. Also, the health system conducted a review of products and implemented J-Fill® system which cut back on inventory and usage.

Hackensack Meridian Riverview Hospital

The NICU met its goals of eliminating 3 PVC/DEHP products by collaborating with the materials management department, swapping items that contained DEHP/PVC to DEHP/PVC-free alternatives.



2020 Sustainability Benchmark Report data | Chemicals leadership:

- Have a chemical or purchasing policy that identified and avoided specific chemicals of concern: 83%
- Utilize Green Seal or UL ECOLOGO certified cleaning products: 91%
- Eliminate both PVC and DEHP from at least two product lines: 63%

Your organization name here

Add your organization's Leaner Energy story and data here.

Buildings

Regions Hospital

This hospital preserved existing doors and cabinets in patient rooms using 3M DI-NOC architectural finish, saving nearly \$250,000 and shortening the project duration.

The Ohio State University Wexner Medical Center

This health system completed renovations using innovative and green design features, like reused materials which saved \$39,000 in project costs, 97% natural material flooring, a ceiling tile recycling program, LED light fixtures, and a carpet tile take back program.



2020 Sustainability Benchmark Report data | Building leadership:

- Integrate green/sustainable standards into master specifications for all new building/construction: 77%
- Recycled construction and demolition debris: 68%
- Installed a garden or green space for patients, visitors, and staff: 67%.

Your organization name here

Add your organization's Leaner Energy story and data here.

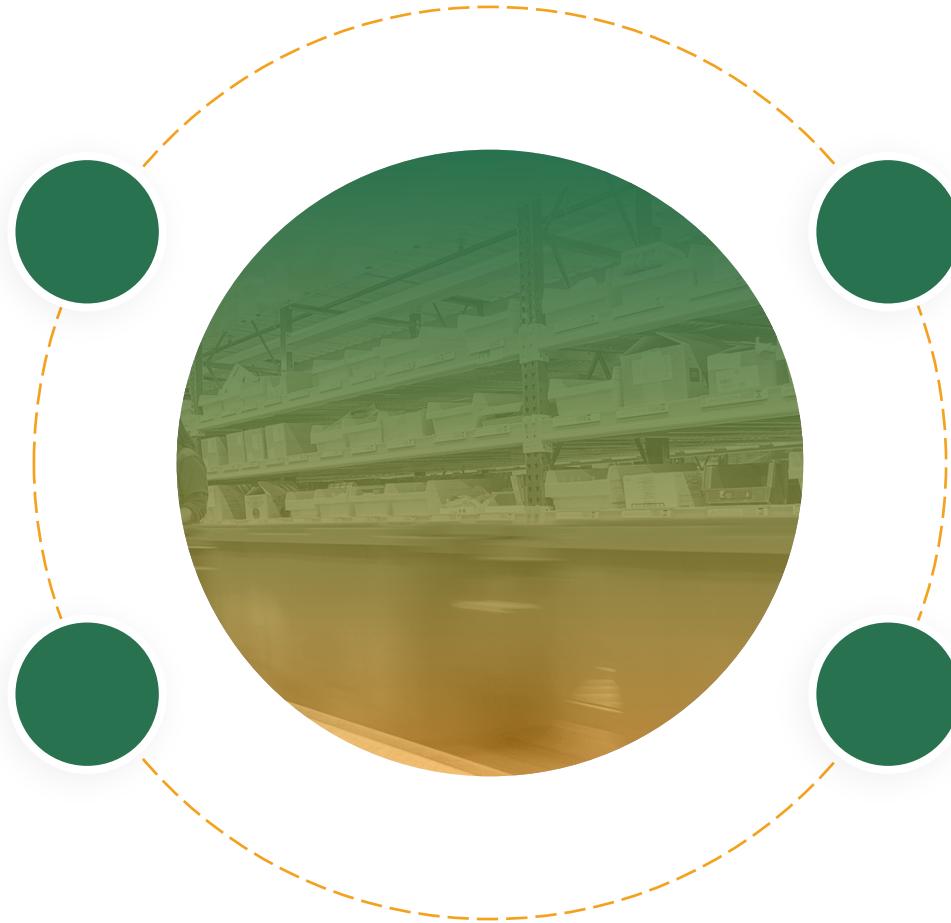
Sustainable procurement

NYU Langone Health - Main Campus

This health system approved the Medline Ovation pillow as standard across all campuses to pool volume and garner projected annual savings of \$30,000 while diverting disposables from the landfill.

University of Washington Medical Center

This health system partnered with Stryker to increase education with OR staff and update signage around reprocessing. Collections led to a 112% increase in waste diversion and the new products contributed to savings of \$67,000.



2020 Sustainability Benchmark Report data | Procurement leadership:

- Included environmental criteria in the sourcing process (like through the RFI/RFPs, value analysis, or data provided by GPO): 86%
- Had a representative on GPO Advisory Board or contracting committee: 65%
- Annual EPEAT spend: \$194.6M

Your organization name here

Add your organization's Leaner Energy story and data here.

Transportation

Baystate Medical Center

Baystate built a multi-pronged approach to fleet vehicles that tackles vehicular maintenance, route optimization, and systematization.

Seattle Children's Hospital

This hospital launched a program that encouraged and rewarded employees for adopting alternative commuting practices, allowing the hospital to save the \$25 million it originally planned to spend on a new parking structure.



2020 Sustainability Benchmark Report data | Transportation leadership:

- Purchased green fleet vehicles: 40%
- Offer telework, compressed work schedules: 53%
- Adopt engine idling reduction practices and policies: 40%
- Install EV charging stations: 36%

Your organization name here

Add your organization's Leaner Energy story and data here.

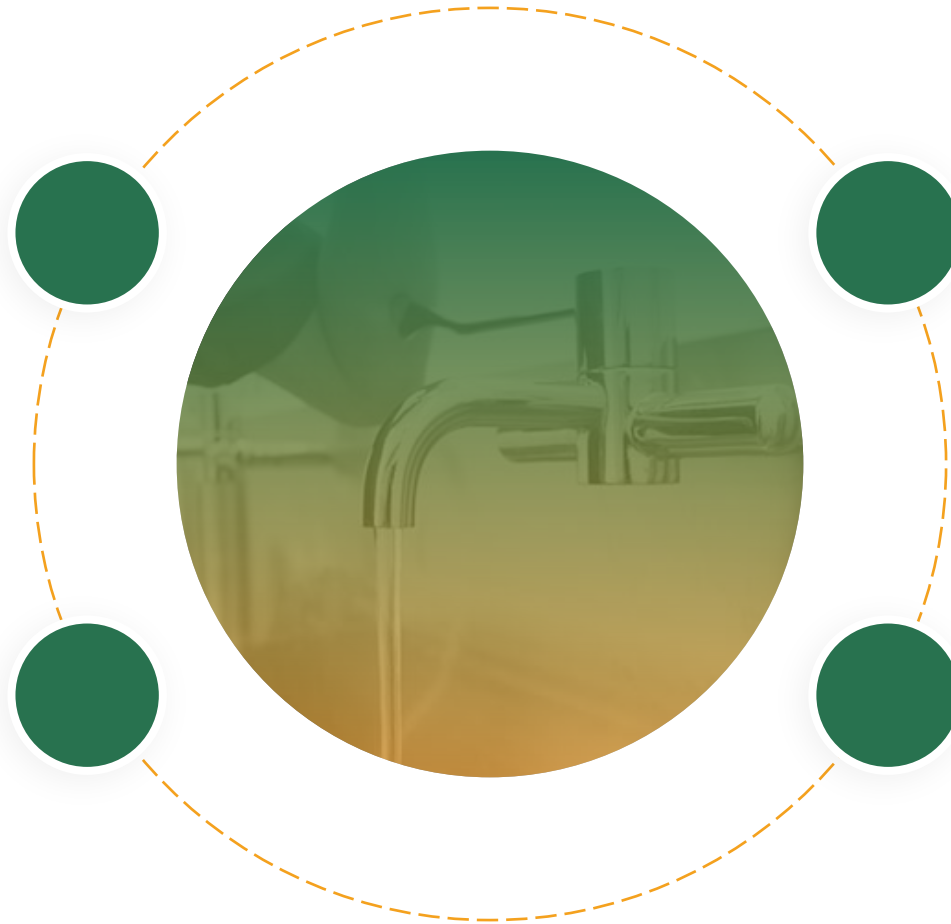
Water

Providence Portland Medical Center

Two surgical units implemented a pilot program to reduce the amount of linen used. Through supply logistics and education, linen use dropped by 143,183 pounds per year, with an associated cost savings of \$62,000.

Providence St. Vincent Medical Center

A 2019 irrigation project evaluated 38-year-old schedules and practices finding an over-watering problem. Reprogramming the schedule and volumes saved approximately 4.3 million gallons of water and \$30,000 over the summer months.



2020 Sustainability Benchmark Report data | Water leadership:

- Median water use intensity: 42 gal/sq ft
- Percent in water reduction from baseline year: 23%
- Median annual water cost-savings per facility from water reduction projects: \$3,503

Your organization name here

Add your organization's Leaner Energy story and data here.

Tools for success

What is sustainability leadership? It's all about leading in a way that benefits the community and the environment while maintaining financial performance. By giving your team the tools they need, you're helping secure their success.

Serve as an executive sponsor

Dedicate budget for the director of sustainability (or other dedicated staff position)

Support the formalization of a structure for organizational sustainability and environmental stewardship goals

Support the formalization, branding, and marketing of an environmental commitment statement

Identify a lead for sustainability efforts

Set SMART sustainability goals

Appendix

The following slides are optional – use as needed.



“

Climate change is a global problem with grave implications: environmental, social, economic, political, and for the distribution of goods. It represents one of the principal challenges facing humanity in our day.

Pope Francis
Laudato si'
May 24, 2015

”

- Only encyclical devoted to environmentalism
- Concern over the health of the planet and its inhabitants – the encyclical was to all people
- “A very solid scientific consensus” regarding the idea of global warming
- Less is more – obligation to reduce wasteful practices and poor management of natural resources



Sustainability & climate health achievements

- WAMES (Washington Montana Environmental Stewardship) council (a regional group within the system) are all Practice Greenhealth partners and base their environmental scorecard on the awards metrics. Practice Greenhealth attends (virtually) quarterly meetings and several members of this group attended CleanMed 2019.
- Ten facilities were award winners in 2019, including one award for the Energy Circle, one Emerald award, and three Greening the OR recognition awards.
- The Providence Hood River case study was featured in our Community Benefit Playbook.
- They are a member of the Health Care Climate Council.
- They achieved a 30% reduction by 2025 and a 100% reduction by 2040.
- System sustainability lead (Beth Schenk, Ph.D., RN) is working to educate at least half of the system's nurses about the health impacts of climate change using the Nurses Climate Challenge.



Sustainability & climate health achievements

- CommonSpirit engaged in an organics pilot with the Healthy Food in Health Care program in California.
- They are a leader in fair labor work.
- Thirteen facilities were award winners in 2019, including one award for Water Circle and one Emerald winner. They've embarked on deploying initiatives and projects under the umbrella of 15 sustainability goals that fall into strategic areas: green building (climate, energy, water), EPP, less waste, food, and engaged leadership.
- They are a member of the Health Care Climate Council.
- They achieved a 40% GHG reduction by 2020.
- They are divesting from thermal coal companies, expanding sustainable investments, increasing its use of renewable energy, and reducing GHG emissions
- System physician Mark Futernick spoke about the impacts of climate change on patients during the CA wildfires and leads conversations about how to educate system physicians on the connection between climate and health.