GE SUSTAINABILITY REPORT
Building a World That Works for Tomorrow

GE is proud of its 125 year+ history of leading innovation to deliver solutions that help build a better world and a more sustainable future. From Thomas Alva Edison’s first incandescent lightbulb to the world’s most powerful offshore wind turbines built today, GE’s pioneering technologies have transformed the world and improved the lives of billions.

Our commitment to innovation is our North Star in approaching sustainability. We are builders who are driven to create things that make our world healthier, cleaner, and more connected. We are a company with greater focus than ever before—embracing our future in energy, health, and flight—on building the world of tomorrow.

“GE is committed to tackling the world’s biggest challenges with a clear alignment to sustainability—leading the energy transition to drive decarbonization, developing precision healthcare that personalizes diagnoses and treatments, and building a future of smarter and more efficient flight. We are dedicated to improving our impacts and lifting up our people, communities, and planet.”

H. LAWRENCE CULP, JR.
Chairman of the Board and Chief Executive Officer

Our Reach

<table>
<thead>
<tr>
<th>ENERGY TRANSITION</th>
<th>PRECISION HEALTHCARE</th>
<th>FUTURE OF FLIGHT</th>
</tr>
</thead>
<tbody>
<tr>
<td>1/3 of the world’s electricity generated with GE equipment</td>
<td>Serve more than 1B patients per year</td>
<td>Largest &amp; youngest aviation fleet</td>
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</tbody>
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174,000 employees globally

$4.9M in global COVID-19 relief since the pandemic began

170 countries

Our Sustainability Priorities

- **The Energy Transition to Drive Decarbonization**
- **Safety for Our People**
- **A Future of Smarter and More Efficient Flight**
- **Lifting Our Communities**
- **Environmental Stewardship**
- **Precision Health That Personalizes Diagnoses and Treatments**
- **Commitment to Human Rights**
- **Culture of integrity in all that we do**

Our Efforts

**2030 carbon neutrality commitment (Scope 1/2 emissions)**

Ambition to be a **net zero company by 2050**, including Scope 3 emissions from use of sold products

Committed to **innovating technologies** for global decarbonization, sustainability

Planned exit from **new-build coal business**

Invested **$3.8B** in 2020 R&D companywide*

* GE and Customer & Partner funded

Read the full report at: www.ge.com/sustainability
Innovating Technology for a Sustainable Future

Our laser focus is on innovating solutions to three of the world’s most pressing challenges

Leading the Energy Transition

Climate change is an urgent global priority. At the same time, energy demand is increasing and roughly one billion people are without access to reliable power. As a company helping to generate one-third of the world’s electricity, GE plays a central role in meeting this demand while lowering the carbon intensity of energy and making energy more resilient. GE’s innovative technology and expertise help our customers meet their decarbonization goals. Our products and solutions can enable material emissions reductions today while we accelerate new technologies for higher renewable penetration and lower-carbon power generation. Beyond our technology, GE supports policies that promote ambitious greenhouse gas reduction goals aligned with the Paris Agreement.

**OUR SOLUTIONS**

**GE’s Haliade-X turbine** is the world’s most powerful offshore wind turbine built today.

**GE’s Cypress onshore wind turbine** offers revolutionary two-piece wind blades, enabling increased output from hard-to-reach sites.

**World-record setting HA turbines** are the most efficient gas turbine and a force multiplier to accelerate decarbonization.

**GE technology and software** help modernize the physical and digital grid to improve resiliency and enable more renewables.

**GE is investing in advanced nuclear like BWRX-300 to provide carbon-free power generation and help countries meet climate goals.**

**Developing the Future of Flight**

Advances in engine architectures, aerodynamics, and materials developed by GE and Safran Aircraft Engines through CFM International* have resulted in today’s aircraft engines consuming 40 percent less fuel – and emitting 40 percent less CO2 – than engines manufactured in the 1970s and 1980s. We are currently developing the next suite of engine technologies – including open fan architectures, hybrid-electric and electric propulsion concepts, and advanced thermal management concepts – that offer the potential to achieve at least a 20 percent additional improvement in fuel efficiency compared to today’s state of the art single-aisle aircraft engines. GE Aviation is also supporting industry initiatives to approve and adopt 100% Sustainable Aviation Fuel (SAF) and investigating hydrogen as the zero-carbon fuel of the future.

**OUR SOLUTIONS**

**GE9X** is the world’s largest and most powerful aircraft engine and the most efficient engine we have ever built on a per-pounds-thrust basis, designed to deliver up to **10% greater fuel efficiency** than its predecessor.

**The LEAP** engine uses Ceramic Matrix Composite components and 3D printed parts, helping to make it **15 percent more fuel efficient** and produce fewer emissions compared to the CFM56-7B engine.

**FlightPulse** is a flight analytics tool that helps airline pilots improve safety and operational decision-making, such as increasing pilot adoption of fuel-saving procedures.

**Advancing Precision Health**

Creating a sustainable future for healthcare means getting earlier, better, and faster diagnosis and treatment to more people in need using fewer resources. Delivering on the future of healthcare is about enabling precision health—integrated, efficient, and highly personalized care. Making this a reality requires merging clinical medicine and data science by applying advanced analytics and artificial intelligence across every possible point of the patient journey. Today and tomorrow, GE Healthcare is focused on building an intelligence-based healthcare system and a healthier and more sustainable world.

**OUR SOLUTIONS**

**Edison™ intelligence applications** are designed to enable better patient care and increase access to care, and with **Edison Marketplace**, hospitals can test-drive AI-powered applications.

**Vscan Air handheld ultrasound** improves healthcare access and joins the Vscan Family of technologies with **30,000 units in more than 100 countries.**

**GE’s Command Center digital solution** helps hospitals reduce waste and deliver care safely to more patients, more efficiently. In 2020, the system’s efficiency benefit at Tampa General Hospital was equivalent to taking 4,000 cars off the road.

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IMPROVING THE SAFETY OF EMPLOYEES

• GE established an enterprise-wide cross-functional internal COVID-19 Task Force to protect the health and safety of our employees globally and maintain business continuity.

• We continuously engaged in dialogues with our unions as a key part of our worker safety response efforts.

• With GE’s Employee Relief Fund, we helped thousands of employees around the world facing unprecedented challenges due to COVID-19.

SUPPORTING OUR COMMUNITIES

• GE quadrupled ventilator production and increased production capacity and output for other critical medical equipment to help doctors diagnose and treat COVID-19.

• The GE Foundation contributed to global and community health and disaster relief efforts, helped deliver personal protective equipment to U.S. healthcare workers in urgent need, and worked to shore up healthcare systems in Southeast Asia and Africa with trainings, infrastructure, and equipment.

Applying Lean Principles to Sustainability

Lean is a set of principles that emphasizes customer focus, elimination of waste, and ruthless prioritization of work to improve safety, quality, delivery, and cost. In connection with GE’s sustainability strategy, lean is more than a contributor—lean is fundamental to how we execute our strategy and embedded in our culture.

Our lean operating philosophy supports our long-term growth strategies and helps us examine processes and continually improve them by solving problems at their root cause. Lean principles allow us to identify where we can ensure worker safety, limit emissions, eliminate hazardous waste, reduce our footprint, and deliver essential, life-saving products quickly and efficiently.

LEAN PRINCIPLES IN ACTION

• A critical component of GE’s ongoing operational improvements are “treasure hunts,” which are essentially targeted lean “waste walks” to identify energy waste, drive efficiency, and reduce greenhouse gas emissions.

• These processes bring together a local team to identify any source of waste at a worksite: open doors, lights and machines left on, and wasted materials, as well as opportunities to invest in our operations to optimize performance.

• A 2020 exercise at GE Aviation’s Celma facility in Brazil—which served more than 9,000 engines in 2020—resulted in an 11 percent reduction in energy use across the site.
GE’s ambition to be a net zero company

We are setting a further ambition for GE to be a net zero company by 2050—including not just GE’s operations, but also the Scope 3 emissions from the use of sold products.

We look forward to partnering closely with our customers on existing and future technologies to help them succeed in meeting their own ambitions and address the world’s needs for reliable, affordable, and sustainable power and safe, efficient flight.

We are particularly aware of the engineering challenges still to be solved to make the ambition of net zero a reality, and that developing solutions will require collaboration with our customers, policymakers, and other companies. However, we believe those challenges are also key strategic opportunities for GE. Our Sustainability Report shows the investments we are making in both our current products and breakthrough technologies.

We also recognize the importance of measurement and target setting to drive progress in reducing emissions over a shorter time horizon as well. We plan to continue developing and to communicate details about more specific, nearer term GE greenhouse gas reduction metrics and targets that include Scope 3 emissions.

As a company that has led innovation for more than a century, we will continue to pioneer the technologies the world needs to move toward a net zero future.
The United Nations Sustainable Development Goals (SDGs) represent a global agenda to address the most pressing challenges facing our world, including climate action, access to healthcare, and reducing inequities throughout the world. We recognize the importance and urgency of this global initiative and how GE plays a critical role in infrastructure, advancing quality of life, and furthering global development sustainably. GE has been a signatory to the UN Global Compact since 2008 and we see close alignment between the following SDGs and our strategy and sustainability priorities.

Our SDG Strategy At A Glance
View our full assessment of our SDG strategy and progress report on pages 6 to 11.

Our Innovation
LEADING THE ENERGY TRANSITION
GE has reduced the carbon intensity of its power generation base by almost 20 percent since 2010, and is investing in breakthrough technologies to help our customers achieve Paris Agreement goals.

ADVANCING PRECISION HEALTH
Our product innovations work to advance precision health through integrated, efficient, and highly personalized care, with a focus on increasing accessibility across the globe. We serve over 160 countries and are leading innovation in conventional technology and digital tools to make healthcare more accessible to more people globally.

DEVELOPING THE FUTURE OF FLIGHT
GE Aviation has continuously advanced engine technology to achieve 40 percent less fuel consumption and CO₂ emissions and is leading industry efforts to define standards for 100 percent Sustainable Aviation Fuel (SAF) to drive greater reductions.

Our Priorities
SAFETY
Protecting our people and those doing work on our behalf is among GE’s top priorities. To ensure safety is a core operational issue driven from the top, in 2020 we appointed a Corporate Safety Leader reporting directly to the CEO to complement our EHS leadership across the Company.

HUMAN RIGHTS
We strive to respect the fundamental dignity of everyone we might affect directly through our operations, products, and services and indirectly through our business relationships across the globe. We have implemented a suite of policies and programs to respect our own workers, those of our suppliers, and the communities affected by GE operations and business relationships.

ENVIRONMENTAL STEWARDSHIP
We are announcing our ambition to be a net zero company by 2050 including emissions from sold products (Scope 3), in addition to a pledge to be carbon neutral in our own operations by 2030 (Scope 1 and Scope 2 emissions). We are engaged globally in support of strong policies that promote climate change action to realize the goals of the Paris Agreement.

LIFTING OUR COMMUNITIES
In giving back to our communities, we provided $44.9 million of GE Company Contributions via the GE Businesses and to the GE Foundation. The GE Foundation is committing up to $100 million to create the Next Engineers program to increase the diversity of young people in engineering.

Our Approach
GOVERNANCE
Sustainability is integrated into the way GE operates, starting with our Board, and incorporated into our leadership, operations, strategic planning, and risk assessment. We engage closely with broad stakeholders, including employees, customers, investors, suppliers, communities, government officials, and the public at large.

CULTURE OF INTEGRITY
Integrity is critical in everything we do. Our 19 policies, called The Spirit and the Letter, emphasize our commitments to Environment, Social, and Governance programs. In 2020, 98 percent of eligible employees completed the Spirit & Letter Acknowledgement.