

# Building a World That Works for Tomorrow

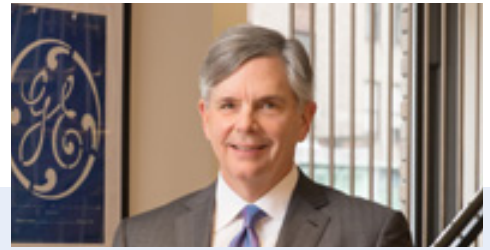
GE is proud of its 125 year+ history of leading innovation to deliver solutions that help build a better world and a more sustainable future. From Thomas Alva Edison's first incandescent lightbulb to the world's most powerful offshore wind turbines built today, GE's pioneering technologies have transformed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

### ENERGY TRANSITION



**1/3 of the world's electricity** generated with GE equipment

### PRECISION HEALTHCARE



Serve more than **1B patients** per year

### FUTURE OF FLIGHT



**Largest & youngest** aviation fleet

**174,000**

employees globally

Customers in

**170** countries

**\$4.9M**

in global COVID-19 relief since the pandemic began

## Our Sustainability Priorities



## 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

# 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.

## 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

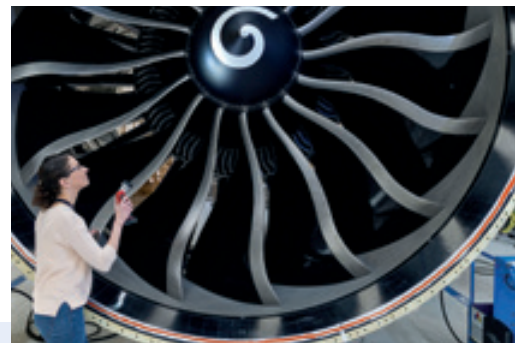
**Edison™ intelligence applications** are designed to enable better patient care and increase access to care, and with **Edison Marketplace**, hospitals can test-drive AI-powered applications.

**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.

## 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.

\* CFM International is a 50-50 joint company between GE and Safran Aircraft Engines and produces LEAP and CFM56 engines.

# Innovating to Address COVID-19

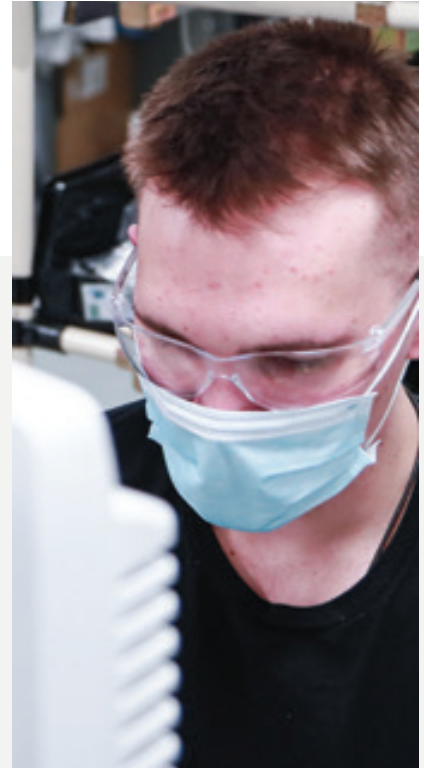
Throughout 2020, the GE team pursued a two-pronged approach to the uncertain landscape of COVID-19: (1) protecting the health and safety of our employees and communities; and (2) supporting our communities by keeping power flowing, hospitals operating, and planes flying to fight the pandemic.

## 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

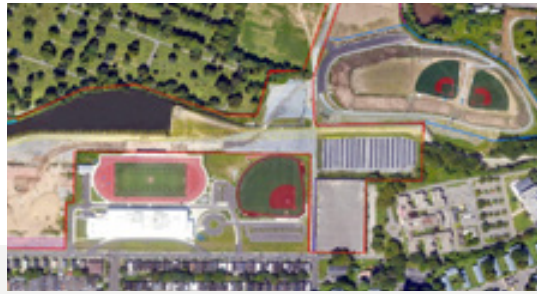
Lean is a set of principles that emphasizes customer focus, elimination of waste, and ruthless prioritization of work to improve safety, quality, delivery, and cost. In connection with GE's sustainability strategy, lean is more than a contributor—lean is fundamental to how we execute our strategy and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

# Our Sustainability Priorities in Action



## 2030 CARBON NEUTRAL GOAL

- In 2020, GE committed to a carbon neutrality pledge by 2030 for GE's Scope 1 and Scope 2 emissions.
- We anticipate that the majority of our progress toward meeting our 2030 goal will be achieved through absolute reductions of direct emissions and energy use achieved through operational investments, smart power sourcing, and elimination of waste.
- GE employees are using lean to hold site-specific sustainability assessments, identify energy reduction opportunities, and calculate and track costs and paybacks.

## GE'S ENVIRONMENTAL JUSTICE BROWNFIELD INITIATIVE

- GE is committed to prioritizing the cleanup of contaminated, vacant properties, known as brownfields, that can be put to a greater community benefit or public good.
- As part of our commitment to environmental justice (EJ), in 2021 we're focusing a new initiative and investment in EJ community properties with more challenging commercial cases for redevelopment.
- Using the U.S. Environmental Protection Agency's (EPA) screening tool, EJSCREEN, GE has reviewed its inventory of 100+ underused properties in the U.S. to identify those located in disadvantaged communities that are most heavily burdened by historic industrial activity and least able to mitigate it.
- Pictured above: At the site of its former plant in Bridgeport, Connecticut, U.S.A., GE constructed an athletic complex with turf baseball fields for the Bridgeport Caribe Youth Leaders, a not-for-profit serving nearly 700 youth through sports, education, and community programs.

## GE FOUNDATION'S NEXT ENGINEERS INITIATIVE

- GE Foundation is committing up to \$100 million to create the Next Engineers program—a global college-readiness initiative to increase the diversity of young people in engineering.
- The program will focus on students underrepresented in engineering in grades 8 to 12 (ages 13 to 18), provide hands-on exposure to engineering concepts and careers, and ultimately award scholarships to pursue engineering degrees.
- GE Foundation's goal is to reach more than 85,000 students in approximately 25 cities globally by 2030.

## 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.



## JOINING THE CALL TO ACTION

# How our strategy and sustainability priorities align with the United Nations Sustainable Development Goals

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

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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

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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

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GE Aviation has continuously advanced engine technology to achieve 40 percent less fuel consumption and CO<sub>2</sub> emissions and is leading industry efforts to define standards for 100 percent Sustainable Aviation Fuel (SAF) to drive greater reductions.

### Our Priorities

#### SAFETY

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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

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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

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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

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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

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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

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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*.