Progress Toward Goals
Progress Toward our Goals

2020 Goal

**Goal:** Reduce our Scope 1 emissions by 20% by 2020, using a 2008 Scope 1 baseline of 1,172,476 mtons CO$_2$e.

**Progress:** In 2017, we emitted 1,048,691 mtons CO$_2$e (Scope 1). This represents a 22.6% decrease compared to our restated 2008 baseline. Year-over-year, our Scope 1 emissions are down 8% from the 2016 level.

**Goal:** Reduce the electricity consumption of our company relative to data traffic on our network by 60% by 2020 (2013 baseline).

**Progress:** Relative to our 2020 target for energy intensity (93 MWh electricity/petabytes of network traffic), AT&T has achieved a 45% reduction compared to the 2013 baseline of 233 MWh/PB. Our electricity consumption (in MWh) per PB of data carried on our network (the AT&T energy intensity metric) for 2017 is 128 MWh/PB.$^7$

**Goal:** Develop and deploy a robust methodology to understand the impact of the AT&T network’s greenhouse gases society.

**Progress:** After engaging with leading non-government organizations (NGOs), industry groups and peer companies, AT&T developed a credible methodology to measure the GHG impacts of customers’ use of AT&T technology in an effort to track progress against our 10x goal. The methodology can be found on our 10x website.

**Goal:** By mid-year 2019, AT&T will have expanded its all-fiber internet access service to reach at least 12.5 million consumer locations, such as residences, home offices and very small businesses. Combined with our existing high-speed broadband network, at least 25.7 million customer locations will have access to broadband speeds of 45 Mbps or higher.

**Progress:** By the end of 2017, we deployed all-fiber Internet access service to more than 7 million locations. Additionally, by the end of 2017, we have achieved our commitment to deliver at least 25.7 million customer locations with access to broadband speeds of 45 Mbps or higher.

**Goal:** Reduce the emissions of our fleet by 30% by 2020 from our 2008 baseline (includes DIRECTV’s fleet).

**Progress:** By the end of 2017, AT&T reduced fleet emissions by 174,403 mtons of CO$_2$e, or 20.1% from our 2008 baseline. 100% of passenger sedans procured in 2017 were hybrid vehicles. In addition, AT&T reduced the size of our domestic fleet by more than 1,100 vehicles.

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$^7$Electricity use is the numerator and is a proxy for total energy use. Network data traffic volume is the denominator and is a proxy for our production.
Goal: Collect more than 200 million devices for reuse, refurbishment or recycling by end-of-year 2020.


Goal: Expand our on-site alternative energy capacity to at least 45 MW—more than double our 2014 capacity—by the end of 2017 and intensify our pursuit of off-site renewables with competitive financials.

Progress: In 2017, AT&T expanded our fleet of Bloom natural gas fuel cells by 12 MW, with 27 sites commissioned in California, New York, and New Jersey. This growth brings our total on-site alternative energy capacity to 50.8 MW, exceeding the 2017 target established. The estimated combined energy production from these new facilities is almost 100 million kWh annually, and the estimated energy production of the entire renewable energy portfolio is more than 398 million kWh annually.

AT&T announced one of the largest Corporate Renewable Energy purchases in U.S. history. AT&T will purchase 820 MW of wind power through 3 agreements with subsidiaries of NextEra Energy Resources, the world’s largest operator of renewable energy projects. The Large Scale Renewable Energy (LSRE) generation is expected to start producing near the end of 2018.

Goal: Provide sustainability information for all AT&T-branded network-connected consumer wireless devices.

Progress: By the end of 2017, AT&T, working with BSR, had developed the initial roadmap for the next iteration of Eco-Ratings. Eco-Ratings 3.0 will be designed to provide consumers with an expanded base of information on environmental attributes and responsible recycling practices for all AT&T-branded network-connected wireless devices. Work will commence in 2018 with external stakeholders and device manufacturers to provide data that shapes the updated ratings system and expands to a broader portfolio of devices (i.e. Internet of Things). In 2017, 58% of devices scored under the Eco-Ratings system earned a rating of 2 or 3 stars (out of 5 stars) and were verified by UL, a credible third-party partner firm. 100% of UL-reviewed devices complied with Global Reporting Initiative sustainability reporting standards.
**Progress Toward our Goals**

**2020 Goal continued**

**Goal:** Demonstrate the environmental and social enablement power of consumer devices and solutions to live smarter, healthier and more independent lives by collaborating both internally and externally to help quantify the environmental and social sustainability enablement impacts of AT&T consumer devices and solutions (e.g., Internet of Things, connected car, education, accessibility).

**Progress:** In 2017, **Aira** was the first product to come out of the AT&T Foundry for Connected Health. Aira’s remote technology uses wearable smart glasses to connect those with diminished vision to a network of certified agents. The visual agents, connected via our reliable and secure wireless network, provide a real-time account of what’s around them so users can engage with their surroundings.

In collaboration with the AT&T Advisory Panel on Access & Aging, BSR, G3ict and World Enabled, AT&T compiled insights and proposed guidelines to launch a report titled “Smart Cities for All: A Vision for an Inclusive, Accessible Urban Future” in June 2017. The report centered on helping cities identify ways in which smart city technologies can adapt a people-first approach to benefit those with disabilities and older citizens. The report complemented the Smart Cities for All initiative launched by G3ict and World Enabled in 2016. The initiative advances a vision of making cities all over the world smarter through more inclusive, accessible design.

**2025 Goal**

By 2025, AT&T will enable carbon savings 10 times the footprint of our operations by enhancing the efficiency of our network and delivering sustainable customer solutions.

**Goal:** Deliver customer solutions to achieve a net positive ratio.

**Progress:** As we pursue our 10x goal, which represents a net positive ratio between our operational footprint and the carbon reductions our technology makes possible for customers using our services, we are engaging customers to understand, measure and promote the benefits they’re achieving. In 2017, we began a collection of 10x case studies that demonstrate and quantify the emissions impact of 2 interesting technology-use cases—the connected shipping pallet and smart rice farming. These case studies can be found on our [10x website](#).

**Goal:** Enhance network efficiency to enable the achievement of the net positive ratio.

**Progress:** As we pursue our 10x goal, which represents a net positive ratio between our operational footprint and the carbon reductions our technology makes possible for customers using our services, we are working to enhance our network efficiency through energy management and the integration of renewable energy.

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Progress Toward our Goals

OUR SUPPLY CHAIN

2020 Goal
We will lead our supply chain to improve its social and environmental impacts by integrating sustainability performance metrics into our sourcing decisions for 80% of our spend.

**Goal:** By the end of 2017, achieve an average score of 80% or higher for top suppliers on the Supplier Sustainability Scorecard, which covers 4 key categories including policy breadth, rigorous goals, reporting transparency and supply chain governance.

**Progress:** AT&T Global Supply Chain achieved its 80%-by-2017 goal a year ahead of schedule at the close of 2016 with a score of 80.3%. The goal was established in 2012 to measure the supplier base focused on our network, consumer equipment and corporate services. Going forward, we are working toward our **2020 and 2025 goals**, which include shared industry approaches in measuring sustainability.

**Goal:** By the end of 2018, incorporate sustainability-oriented standards or analysis into our sourcing decisions with strategic suppliers.

**Progress:** In 2017, AT&T Global Supply Chain continued to require suppliers to adhere to our **Principles of Conduct for Suppliers** and participate in assessments and audits. AT&T continues to make progress with efforts including: incorporating sustainability clauses into agreements and RFPs, training our sourcing managers on the principles of sustainability and providing updates to sourcing managers on supplier sustainability performance. AT&T will continue to expand incorporation of sustainability-oriented standards and analyses into sourcing decisions.

2025 Goal
We will work with our industry peers to develop and promote adoption of sustainability metrics that will transform the environmental and social impact of technology supply chains.

**Goal:** Establish clear, agreed-upon industry sustainability metrics.

**Progress:** In 2017, working with our TL 9000 industry group, **TIA-QuEST Forum**, we helped launch an industry sustainability measurement tool, the QuEST Sustainability Assessor. This tool provides actionable best practices for organizations that help accelerate their sustainability programs. In 2017, we transitioned from our AT&T supplier assessment to this third-party industry tool and sent the new assessment tool to a few hundred of our suppliers.

**Goal:** Promote the use of these metrics in industry sourcing.

**Progress:** AT&T suppliers are currently using CDP Supply Chain and QuEST Sustainability Assessor metrics to measure and report their GHG emissions and sustainability progress. This provides our company and the other participating companies the necessary means to benchmark supplier emissions and work with suppliers on making improvements.

**Goal:** Develop and follow an industry roadmap toward truly sustainable performance.

**Progress:** AT&T is moving its suppliers along an industry roadmap with CDP Supply Chain, Joint Audit Cooperative and TIA-QuEST Forum to continuously improve measurements, benchmarking and results in sustainable supplier performance.
### OUR COMMUNITIES

**2020 Goal**  
We will invest resources, develop initiatives and collaborate with stakeholders with the goal of increasing the U.S. high school graduation rate to 90% by 2020.

**Goal:** Invest in programs that provide access to the education and training people need to get and keep good jobs, use technology to address education challenges and help students get through high school and beyond.  

**Progress:** We met our commitment through Aspire to invest $400 million by the end of 2017. Program highlights included:

- Contributing $2.25 million to Khan Academy to launch LearnStorm, a national learning challenge designed to equip students with the skills and mindsets they need to start the school year strong.
- Contributing $300,000 to Per Scholas to support national technology training programs that serve more than 1,000 low-income, unemployed/underemployed individuals.
- Supporting organizations that help underrepresented students develop computer science and coding skills, including a $1.2 million contribution to Girls Who Code.
- Contributing $2.5 million to help Communities In Schools (CIS) serve thousands of additional students, provide college and career readiness and mentoring by AT&T employees, and continue CIS’ advancements in data collection, technology, research and evaluation.
- Contributing $3.5 million to Jobs for America's Graduates (JAG) to allow the national non-profit to add new schools and/or expand existing programs through its 34 JAG state affiliates with proven success records of keeping kids in school.

**Goal:** Encourage technology application to solve vexing education challenges through the AT&T Aspire Accelerator for non-profits and for-profits.  

**Progress:** In 2017, AT&T selected 8 organizations for the 3rd Aspire Accelerator class to support with a customized program that includes financial investment, access to expert services and mentorship. The 19 participants from the first 3 classes have thrived in the program and together have reached more than 12.2 million students.
2025 Goal

We will invest resources, develop initiatives and collaborate with stakeholders to close the skills gap by increasing the number of Americans with high-quality post-secondary degrees or credentials to 60% by 2025.

Goal: By the end of 2017, promote STEM training by co-developing and attracting 10,000 students to the Georgia Tech online master’s degree in computer science program and 23,000 students to the Udacity Nanodegree program.

Progress: As of the end of 2017, more than 30,000 learners are enrolled in nanodegree programs sponsored by AT&T, more than 2,000 of whom are AT&T employees. These learners are earning credentials that propel them to the next stage in their careers. Additionally, as of Fall 2017, nearly 6,000 students—including 400 AT&T employees—were enrolled in the Georgia Tech online computer science program—a more than 10-fold increase since the program launched in 2014.