



2020/2025 Goals Progress

By 2025, some experts say there will be hundreds of billions of connected devices measuring, analyzing and networking to give us more information than ever before. The possibilities are endless and we want to seize them.

Focused on our vision – Connect to Good – we have established a 10-year roadmap of goals and targets to serve as milestones for this journey.

Our progress toward these goals is captured in the following pages.

Our Network and Our Customers

2020 Goal

We will continue to drive reductions in emissions and increases in resource efficiency and alternative energy deployment.

We will enable AT&T customers to lead more sustainable lives by expanding access to technology, further integrating sustainability solutions into products, and measuring the impacts.

Targets Toward Our 2020 Goal

Network/Operations

Reduce our Scope 1 emissions by 20% by 2020, using a 2008 Scope 1 baseline of 1,172,476 mtons CO₂-e

PROGRESS: We achieved 1,035,603 mtons CO₂-e of Scope 1 emissions in 2015, which equates to an almost 12% reduction as compared to our 2008 baseline.

Reduce the electricity consumption of our company relative to data growth on our network by 60% by 2020 (baseline of 2013)

PROGRESS: AT&T's electricity consumption (in Megawatt Hours) per Petabyte of data carried on its network (AT&T refers to this as its Energy Intensity metric) for 2015 is 129 MWh/Petabyte. Relative to our 2020 target for Energy Intensity (93 MWh electricity/Petabytes of network traffic), AT&T has to date achieved a 46% reduction as compared to the 2013 baseline of 233 MWh/Petabyte.

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 2015, AT&T expanded its solar capacity by 1,000 kW in California. We operationalized an additional 4,350 kW of clean, onsite fuel cell power, helping to power three AT&T sites in California and two in New Jersey. The estimated combined annual alternative energy production of these installations is 37.9MW.

Deploy approximately 15,000 alternative-fuel vehicles over a 10-year period through 2018

PROGRESS: As of end of 2015, AT&T had deployed a total of 11,257 alternative fuel vehicles to its fleet, including 3,231 hybrid-electric, all-electric and extended-range-electric vehicles, and 8,026 CNG service vehicles.



Customers

Develop and deploy robust methodology to understand AT&T's network impacts to society

PROGRESS: In 2015, AT&T began the process of engaging with industry groups and customers to develop a credible methodology to measure network impacts to society.

Building on a voice and data service network that covers more than 320 million people:

- By mid-year 2019, AT&T will have expanded its all-fiber Internet access service to reach at least 12.5 million mass market customer locations, such as residences, home offices and very small businesses. Combined with AT&T's existing high-speed broadband network, at least 25.7 million customer locations will have access to broadband speeds of 45Mbps or higher.*

PROGRESS: AT&T exceeded the 2015 annual milestone for deploying fiber internet access service to over 1.6 million mass market customer locations, and is on track again to exceed the year-end 2016 milestone for fiber deployment.

- For a four-year period beginning in 2015, AT&T will offer up to 1 Gbps service to any eligible school or library requesting E-rate supported services, where we have deployed fiber-based broadband Internet access services.*

PROGRESS: AT&T has offered 1 Gbps service in response to any eligible schools and libraries submitting bids for 1 Gbps speeds for the 2016 E-rate funding year in areas where AT&T has deployed fiber-based internet access service.

- For a four-year period beginning in 2016, AT&T will offer discounted wireline broadband service where technically available within AT&T's 21-state wireline footprint to low-income households that qualify for the government's Supplemental Nutrition Assistance Program. In locations where it's available, we will offer service with download speeds of at least 10 Mbps for \$10 per month. Elsewhere, we will offer 5Mbps service for \$10 per month or 3Mbps for \$5 per month, where such services are available.*

PROGRESS: On April 22, 2016, AT&T launched Access from AT&T, the discounted broadband services program, throughout its 21-state wireline footprint. In just a few months since launch, Access from AT&T is already connecting more low-income Americans to the internet and helping to bridge the digital divide. As of June 30, 2016, about 500 national, state and local public and private organizations have agreed to help promote Access from AT&T.

**Conditions of FCC DTV Merger Order*

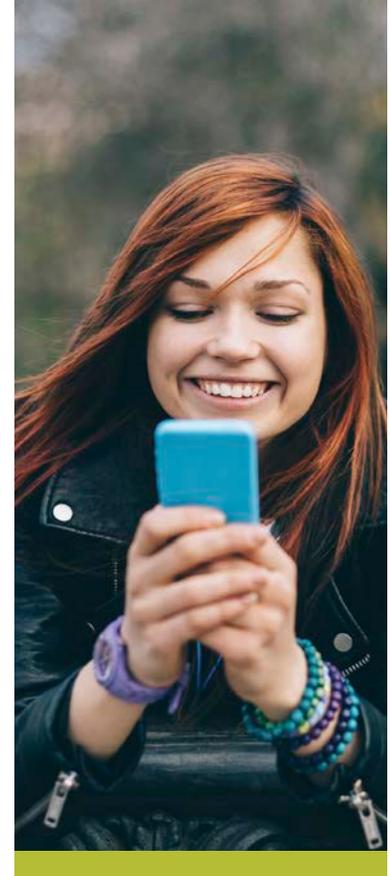
Collect more than 20 million devices for reuse, refurbishment or recycling by end-of-year 2020.

PROGRESS: At the end of 2015, approximately 7.3 million cell phones were reused or recycled through AT&T.

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

- A comprehensive consumer strategy will provide a roadmap for providing Eco-Rating and/or responsible recycling/reuse information to consumers for wireless devices sold by AT&T.

PROGRESS: Since early 2016, AT&T has been collaborating with BSR to develop a roadmap across the enterprise that will provide consumers with information regarding environmental attributes of and responsible recycling information for all AT&T-branded network connected wireless devices.



2020/2025 Goals Progress: Our Network and Our Customers

Demonstrate the environmental and social enablement power of consumer devices and solutions to live smarter, healthier and more independent lives.

- Collaborate 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, Digital Life, Eco-Ratings, connected car, education, accessibility).

PROGRESS: As AT&T builds an overarching measurement methodology to reach our 2025 goal of enabling carbon reductions 10 times the footprint of our operations, we consider the relevant consumer-facing products and services that will help us reach our goal. Working with our internal business units, we continue to identify the environmental and social benefits associated with specific devices and solutions, as well as their power to enable smarter, healthier and more independent lives.

2025 Goal

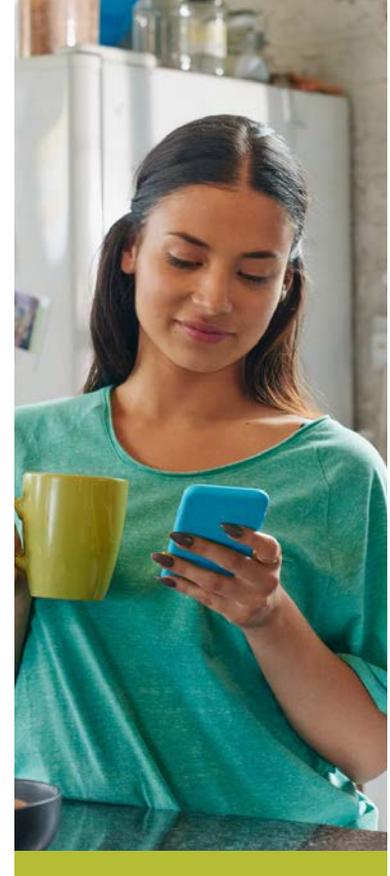
By 2025, AT&T will enable carbon savings 10x the footprint of our operations by enhancing the efficiency of our network and delivering sustainable customer solutions.

Targets to 2025

Enhance network efficiency to enable the achievement of the “net positive” ratio.

Deliver customer solutions to achieve “net positive” ratio.

PROGRESS: AT&T joined BSR’s Net Positive Project in 2016, a cross-sector coalition that aims to develop practices and tools companies can use to quantify, assess, communicate, and enhance their positive impacts on society and the environment.



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.

Targets Toward Our 2020 Goal

By the end of 2015, a majority of spend with strategic suppliers will be with those who track greenhouse gas (GHG) emissions and have specific GHG goals.

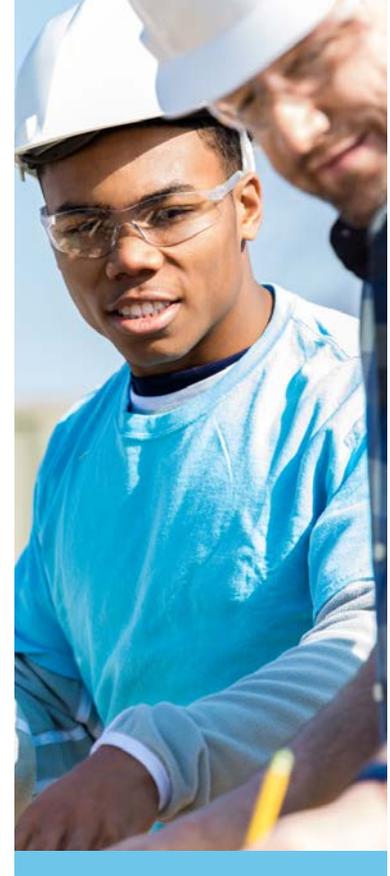
PROGRESS: At the end of 2015, suppliers representing more than 50% of spend reported that they were tracking greenhouse gas emissions and had greenhouse gas reduction goals.

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

PROGRESS: At the end of 2015, the average score for top suppliers was more than 74%, which is up from 63% in 2013.⁵

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

PROGRESS: AT&T has made progress with actions including incorporating sustainability clauses into agreements and RFPs, training our contract managers on the principles of sustainability, and providing scorecards to contract managers on supplier sustainability performance. AT&T will continue to expand incorporation of sustainability oriented standards and analyses into sourcing decisions.



⁵ This information is for AT&T only and does not include DIRECTV.

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.

Targets to 2025

Establish clear, agreed-upon industry sustainability metrics

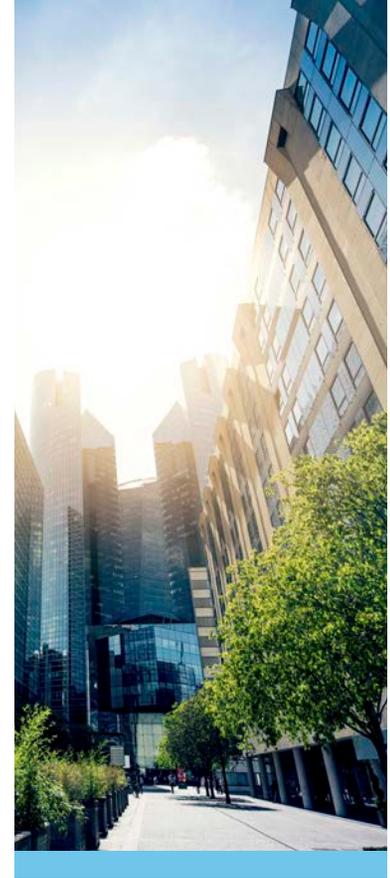
PROGRESS: AT&T is currently working with organizations, including CDP and QuEST Forum, toward the establishment of common measurements for benchmarking, tracking and improving the performance of companies in the industry.

Promote the use of these metrics in industry sourcing

PROGRESS: AT&T suppliers are currently using CDP Supply Chain metrics to measure and report their greenhouse gas emissions. This is providing our company and the other participating companies the necessary means to benchmark supplier emissions and work with suppliers on making improvements.

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](#) and 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 2020.⁶

Targets Toward Our 2020 Goal

Plan to invest an additional⁷ \$250 million by 2017 to drive innovation in education, support effective local programs and create collective impact.

PROGRESS: We have invested approximately \$217 million since March 2012. Program highlights include:

- » Launching the Aspire Accelerator with the mission of supporting ed-tech innovations that have the potential to help every student achieve a bright, successful future – exponentially and at scale. The first class of five organizations has already impacted more than 2 million students, 200,000 teachers, and 4,500 schools throughout the United States.
- » Working with Udacity to launch the Nanodegree program, which offers new educational online pathways to industry-relevant skills, to prepare more people with the skills needed for high-demand tech jobs requiring technological expertise. Nanodegree courses are online, self-paced and taught by leaders in tech, with personalized coaches.
- » Supporting a number of organizations that help underserved students develop computer science and coding skills, including Girls Who Code, Black Girls CODE, and Code.org.
- » Contributing \$4.5 million to Communities In Schools, the nation’s largest organization dedicated to keeping kids in school and helping them succeed in life. The investment supports advancement in data collection, technology, research and evaluation, as well as continued site coordinator support and mentoring by AT&T employees.

Engage students at risk of dropping out of high school with 1 million hours of mentoring with AT&T employees by the end of 2016.

PROGRESS: Between September 2012 and year-end 2015, students received more than 1 million hours of mentoring by AT&T employees through Aspire Mentoring Academy, reaching our goal ahead of schedule.



⁶ Graduation rate as measured by GradNation, a campaign of America's Promise Alliance: <http://gradnation.org/channels/grad-rate-data>

⁷ This investment builds on a previous \$100 million investment for a total commitment of \$350 million since 2008.

2020/2025 Goals Progress: Our Communities

Offer \$100 million of free mobile broadband access through 2017 in collaboration with the White House ConnectED initiative.⁸

PROGRESS: In 2014, AT&T committed – as part of the White House’s ConnectED initiative – to provide \$100 million of free mobile broadband connectivity for mobile learning to students and teachers in Title I schools across the country over the next few years starting in 2016. AT&T remains committed to providing connections to devices supplied or donated by manufacturers. In 2015, AT&T forged a partnership with Apple, another ConnectED participant company, and is on track with plans to provide more than 30,000 students and teachers with mobile broadband and optional web filtering by the end of the 2016/2017 school year.

Encourage technology application to solve vexing education challenges through the Aspire Accelerator for non-profits and for-profits.

PROGRESS: In 2015, AT&T selected five organizations – from 345 applicants – to support with a customized program that included financial investment, access to expert services and mentorship. The inaugural class of organizations thrived in the Aspire Accelerator. All together, the Aspire Accelerator participants reached more than 2 million students, 200,000 teachers, and 4,500 schools throughout the United States during the Aspire Accelerator program.

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 2025.⁹

Targets To 2025

Promote STEM training by co-developing and attracting 10,000 students to the Georgia Tech online master’s degree in computer science program by 2017 and 23,000 students to Udacity- Nanodegree program by 2015.

PROGRESS:

- More than 11,000 learners worldwide, including more than 1,000 employees are enrolled in various Nanodegree credentials; to date about 200 employees have earned a credential.
- As of fall 2015, nearly 3,000 students have enrolled in the Georgia Tech online computer science program and more than 300 AT&T employees have been admitted. The program’s first class graduated in December 2015 and three of the graduates were AT&T employees.



⁸ ConnectED efforts are contingent on FCC e-rate compliance requirements, and federal, state, and municipal procurement frameworks that will not prohibit or extend these types of initiatives. Eligible school locations will be subject to network congestion, availability, and performance criteria.

⁹ Degree/credential rate as measured by MoveED, a campaign of the Lumina Foundation: <http://moveed.org/whatsgoal2025/>