

## RE100 Award Submission – Changemaker category, T-Mobile

T-Mobile is changing wireless for good—for our customers, our employees, our society, and the planet. The Energy and Sustainability team within the company’s procurement organization embodies this commitment through their work to green the electricity grid, promote sustainable business practices, and drive diversity and equity across the renewables supply chain.

We’ve taken the lead in our industry by being the first U.S.-based telecommunications company to set a RE100 target and source 100% of our electricity from renewables. A goal which we achieved in 2021 and continue to achieve every year. T-Mobile customers now make calls, send emails, video chat, watch movies, and more, on a nationwide network run 100% on clean electricity. Our ambitious commitment to renewable energy supports our objective to take decisive action on climate change.

Driving change is seldom easy. But the RE100 achievement presented some unique challenges. When the company first declared its commitment in 2018, it did so with next to zero channels for renewable energy in its sourcing portfolio. And, just to make things even more interesting, in 2020 T-Mobile acquired Sprint (the fourth-largest U.S. wireless company), more than doubling our total energy consumption footprint. The goal wasn’t easy. But we followed the latest science, and the science is telling us immediate action is needed by pioneering companies to reduce emissions in time to stop the worst impacts of climate change.

T-Mobile followed an “all-of-the-above” approach and secured a portfolio of projects of different sizes, technology, and geography. By the end of 2022, our renewable energy portfolio included eight virtual power agreements (VPPAs), one Green Direct program, 24 retail agreements, and unbundled RECs that support projects across the country. The wind and solar VPPA and Green Direct projects alone are contracted to provide T-Mobile with approximately 3.4 million MWh of clean energy annually – enough to provide electricity to over 313,000 homes per year. In addition, the company launched a multi-market strategy for community solar in 2021, with subscriptions now supporting more than 80 solar farms across nine states.

Inspired by the achievement of our foundational RE100 pledge, T-Mobile has set a new and ambitious emissions reduction goal: to be net-zero across our entire carbon footprint by 2040. This goal has been validated by the Science Based Targets initiative's Net-Zero Standard to be in line with the Paris Agreement 1.5-degree pathway. Our goal consists of two Science Based Targets (SBTs): a 55% reduction in absolute Scope 1, 2 and 3 GHG emissions by 2030, and a 90% reduction in absolute Scope 1, 2 and 3 GHG emissions by 2040, from a 2020 base year.

To promote sustainable business practices, we've used our purchasing power and industry leadership to influence our supply chain with the launch of a new Responsible Sourcing Policy (RSP). Our suppliers are key partners in our efforts to reduce our environmental impact and achieve net-zero. Most of our emissions occur outside of our operations through upstream and downstream activities. Top-tier suppliers, who collectively represent about 90% of our procurement spend, are the first to be not only encouraged, but required to take a third-party assessment which measures performance across several markers (labor, human rights, sustainability, ethics, supply chain). And they need to comply with the SBTi component of the RSP, establishing and validating their own SBTs. By working with our suppliers to implement meaningful sustainability initiatives, we can “bend the curve” through emissions reductions in our largest Scope 3 categories.

Finally, T-Mobile is dedicated to driving diversity, equity, and inclusion within the clean energy sector. We are a founding member of the Diversity in Clean Energy (DiCE) coalition (<https://DiCESuppliers.com>). DiCE,

an idea sparked and nourished by a T-Mobile sustainability team member, is growing an inclusive ecosystem that provides access to equitable opportunities for direct and indirect clean energy suppliers. It also allows these suppliers to secure a just transition away from fossil fuels by generating business and career opportunity for minority-owned businesses and underserved populations. Now in its second year, the coalition has partnered with a global non-profit bringing digital solutions to the needs of the environment and sustainable communities. This new leadership will begin construction of an interactive marketplace platform.