



OFFICE of the PRESIDENT

January 11, 2019

STARS Steering Committee  
Association for the Advancement of Sustainability in Higher Education (AASHE)  
2401 Walnut Street Suite 102  
Philadelphia, PA 19103

Members of the STARS Steering Committee:

As an AASHE member and a STARS Charter Participant since 2011, Carnegie Mellon University is pleased to present its 2018 STARS self-assessment. The current report reflects our engagement with the complete range of the UN Sustainable Development Goals that address global equitable and sustainable development. For Carnegie Mellon, a richly international institution, these goals are an integral part of our academic mission and are widely embraced by our faculty, staff and students.

Since the last report in 2015, Carnegie Mellon has continued its strong record of advancing research, education and practice in sustainable design and infrastructure for the developed and developing world. We apply our capabilities in robotics and controls technology to increase human potential and to lighten our environmental footprint now and in the future. We explore policy and business practices that support equity and an ethical approach to economic growth and resource use. Tomorrow's leaders will emerge from our international student population and we are committed to providing an academic environment that establishes sustainability as an underlying principle for action. Beginning in 2016, our Wilton E. Scott Institute for Energy Innovation began hosting an annual, free campus and community Energy Week, bringing together thought-leaders from industry, government, academia and the nonprofit sector. A student-led Sustainability Weekend dovetails with this and addresses sustainability in its broader context.

Operations on our main campus also reflect these commitments. The Forbes Betterment Project supports a multimodal transportation network that connects the Oakland neighborhood and incorporates "complete streets" principles, with accessibility and safety for pedestrians, cyclists, automobiles and transit. In addition, in 2017, we built on our 2001 groundbreaking purchase of renewable electricity certificates for 100% of our electricity consumption by purchasing the kWh equivalent of 100% of our electricity from a windfarm in our grid territory (PJM).

**2018 STARS Self-Assessment Letter**

**January 11, 2019**

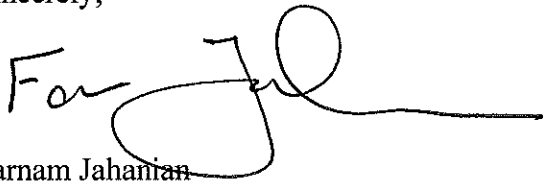
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Our university has completed the first phase of a more sustainable wastewater infrastructure by installing 275,000-gallon rainwater collection and storage tanks that can supply our cooling towers and we are exploring further opportunities to displace potable water use with rainwater and sewer water. We now have 17 LEED-certified buildings on the main campus, with the most recent project completed in fall of 2018, the 315,000 square foot David A. Tepper Quadrangle, approaching LEED Platinum. Our recycling and composting infrastructure now divert over 1,400 tons from the landfill annually and we are currently working with our city and region to respond effectively to changes in plastics recycling. Carnegie Mellon's Green Practices Committee, comprised of faculty, staff, and students, is central to shaping how we practice sustainability in our own university community.

Finally, Carnegie Mellon received several notable green certifications this past year, including Bike Friendly University Silver Certification, the SIMS green cleaning certification and Tree Campus USA designation.

In submitting this report, we hope to demonstrate our unwavering and ongoing commitment to sustainability as we highlight our progress and achievements in this area. Environmental sustainability is central to our mission at Carnegie Mellon and we take very seriously our role as stewards of our community and our planet.

Sincerely,

A handwritten signature in black ink, appearing to read "Farnam Jahanian". The signature is fluid and cursive, with a long horizontal line extending to the right.

Farnam Jahanian  
President  
Henry L. Hillman Chair  
Carnegie Mellon University