



2022 Sustainable Campus Index



Top-performing colleges and universities as measured by the Sustainability Tracking, Assessment & Rating System (STARS)



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Top-performing colleges and universities as measured by the Sustainability Tracking, Assessment & Rating System (STARS)

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On the cover: A cyclist passes by the campus pride sidewalk at Carleton University. Photo credit: Dwayne Brown Studio



Introduction

The 2022 Sustainable Campus Index (SCI) recognizes top-performing colleges and universities overall and in 17 sustainability impact areas, as measured by the Sustainability Tracking, Assessment & Rating System (STARS). Used by hundreds of colleges and universities, STARS helps institutions measure, report and strengthen their contributions to global sustainability.

This year's SCI introduces an International Top Performers List that recognizes the Number One scoring institution in every country with at least one STARS-rated institution. The SCI also includes innovative and high-impact institutional highlights, and recognizes institutions with exceptional report accuracy and quality.

Students and staff at University of California, Irvine participate in an annual tree planting event. Photo credit: Steve Zylus



Top Performers by Impact Area

Highest scores in 17 sustainability impact areas

Members of Furman's University's Bee Club gather to inspect a hive. Photo credit: Laura Bain



Air & Climate

Global climate change brings myriad negative impacts throughout the world, including increased frequency and potency of extreme weather events, sea-level rise, species extinction, water shortages, declining agricultural production and the spread of diseases. The impacts are particularly pronounced for low-income communities and countries. Institutions that inventory and take steps to reduce their air pollutant emissions can positively impact the health of their local communities and regions. This section covers greenhouse gas emissions assessment and mitigation and outdoor air quality.

The Farmington Solar Project in Farmington, Maine will significantly reduce greenhouse gas emissions for five New England institutions. Photo courtesy of Williams College.



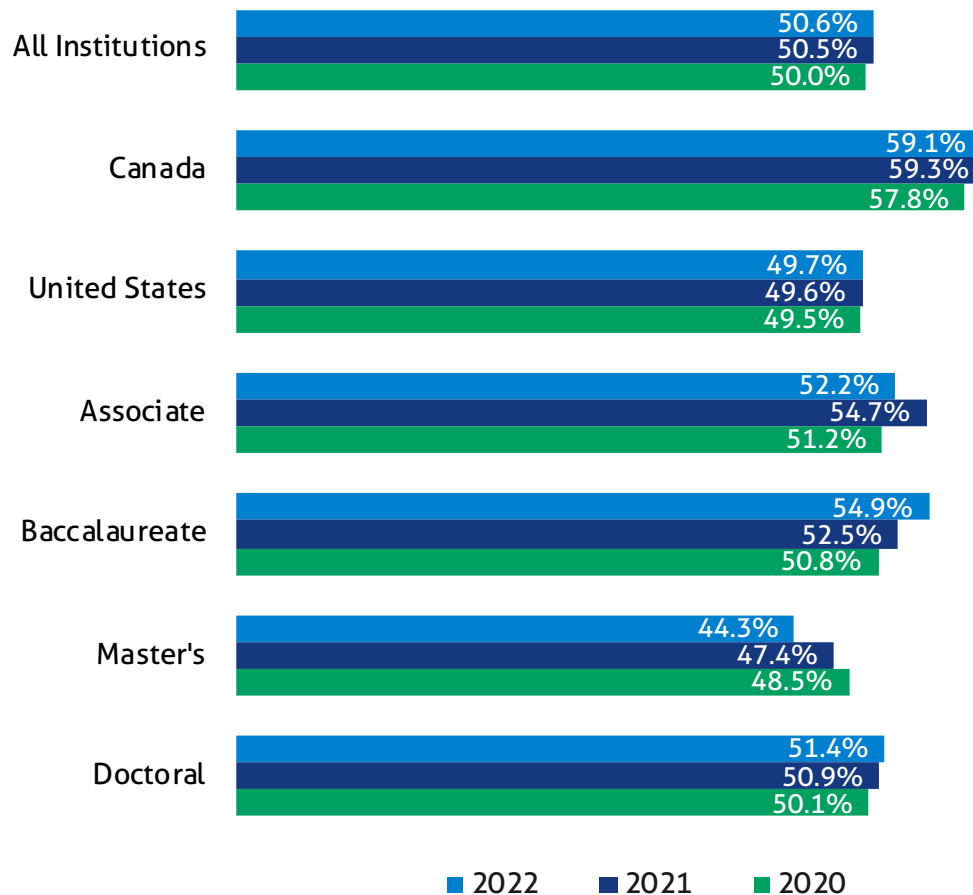
Air & Climate

Top Performers

Rank	Institution	Score	Type	Location
1	Arizona State University	100%+	Doctoral	Tempe, AZ
2	Dickinson College	100%	Baccalaureate	Carlisle, PA
3	Bates College	99.2%	Baccalaureate	Lewiston, ME
4	Dawson College	98.5%	Associate	Montreal, QC
5(t)	Universite Laval	95.5%	Doctoral	Quebec, QC
5(t)	University of Tasmania	95.5%	Doctoral	Hobart, Australia
7	American University	94.5%	Doctoral	Washington, DC
8	Raritan Valley Community College	93.2%	Associate	Branchburg, NJ
9	University of California, Merced	92.8%	Doctoral	Merced, CA
10(t)	Colorado College	92.6%	Baccalaureate	Colorado Springs, CO
10(t)	Williams College	92.6%	Baccalaureate	Williamstown, MA

Tiebreaks (+) in this and subsequent sections were determined based on bonus points earned in the respective impact area. See Methodology section for details.

Average Scores



Buildings

Buildings are generally the largest user of energy and the largest source of greenhouse gas emissions on campuses. Buildings also use significant amounts of potable water. Institutions can design, build and maintain buildings in ways that provide a safe and healthy indoor environment for inhabitants while simultaneously mitigating the building's impact on the outdoor environment. This section covers the maintenance and operations of existing buildings as well as new building design and construction.

Agnes Scott College - Rebekah Scott Hall. Photo courtesy of Agnes Scott College.

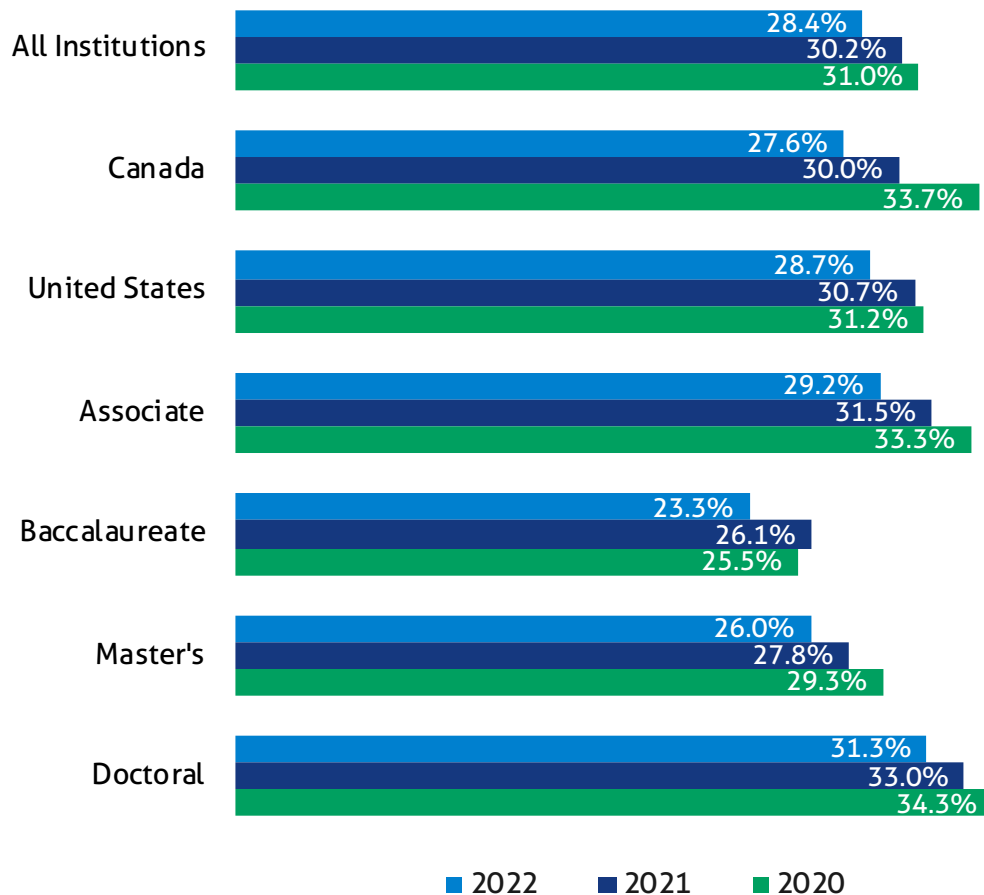


Buildings

Top Performers

Rank	Institution	Score	Type	Location
1	University of California, Irvine	63.1%	Doctoral	Irvine, CA
2	Agnes Scott College	62.5%	Baccalaureate	Decatur, GA
3	Nova Scotia Community College	61.6%	Associate	Halifax, NS
4	University of California, Los Angeles	60.4%	Doctoral	Los Angeles, CA
5	Carnegie Mellon University	60.0%	Doctoral	Pittsburgh, PA
6	Williams College	59.6%	Baccalaureate	Williamstown, MA
7	University of California, Santa Barbara	59.5%	Doctoral	Santa Barbara, CA
8	University of California, Davis	58.6%	Doctoral	Davis, CA
9	Arizona State University	58.4%	Doctoral	Tempe, AZ
10(t)	Langara College	56.3%	Baccalaureate	Vancouver, BC
10(t)	University of Massachusetts Medical School	56.3%	Doctoral	Worcester, MA
10(t)	University of Washington, Bothell	56.3%	Master	Bothell, WA

Average Scores



Campus Engagement

Engaging in sustainability through co-curricular activities allows students, faculty and staff to deepen and apply their understandings of sustainability principles. Co-curricular sustainability offerings help to integrate sustainability into the campus culture and encourage behavior changes that promote sustainability. This section covers student and employee sustainability education programs and orientations, assessment of sustainability culture, outreach materials and campaigns.

Eco-Volunteers talk to American University of Sharjah Chancellor Mumm during a climate action plan exhibition that was held to engage the entire AUS community. Photo credit: Kamran Farooqui

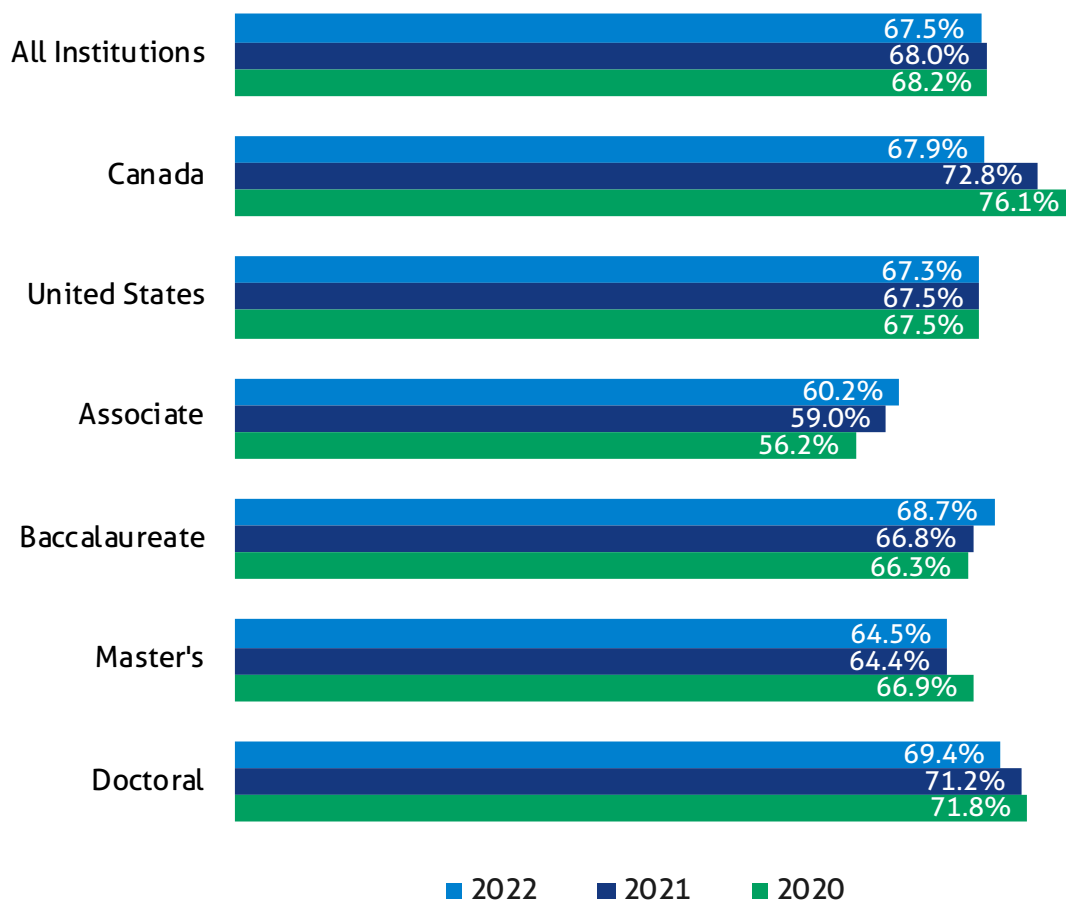


Campus Engagement

Top Performers

Rank	Institution	Score	Type	Location
1	University of Connecticut	100%	Doctoral	Storrs, CT
2	Cornell University	99.2%	Doctoral	Ithaca, NY
3	Colorado State University	98.8%	Doctoral	Fort Collins, CO
4	Furman University	98.5%	Baccalaureate	Greenville, SC
5(t)	American University of Sharjah	97.6%	Master	Sharjah, United Arab Emirates
5(t)	Emory University	97.6%	Doctoral	Atlanta, GA
5(t)	Mount Royal University	97.6%	Baccalaureate	Calgary, AB
5(t)	University of New Hampshire	97.6%	Doctoral	Durham, NH
9(t)	Iowa State University	96.4%	Doctoral	Ames, IA
9(t)	The University of Texas at Dallas	96.4%	Doctoral	Richardson, TX
9(t)	University of Ontario Institute of Technology	96.4%	Master	Oshawa, ON

Average Scores



Coordination & Planning

Coordination and planning help institutions organize, implement and publicize sustainability initiatives. These efforts provide the infrastructure to foster sustainability, establish priorities, guide decision making and budgeting, and clarify a vision for a sustainable future. This section covers sustainability planning, coordination and participatory governance.

University of Sydney student sitting at a Gelion solar bench on Cadigal Green. Photo credit: University of Sydney 2020

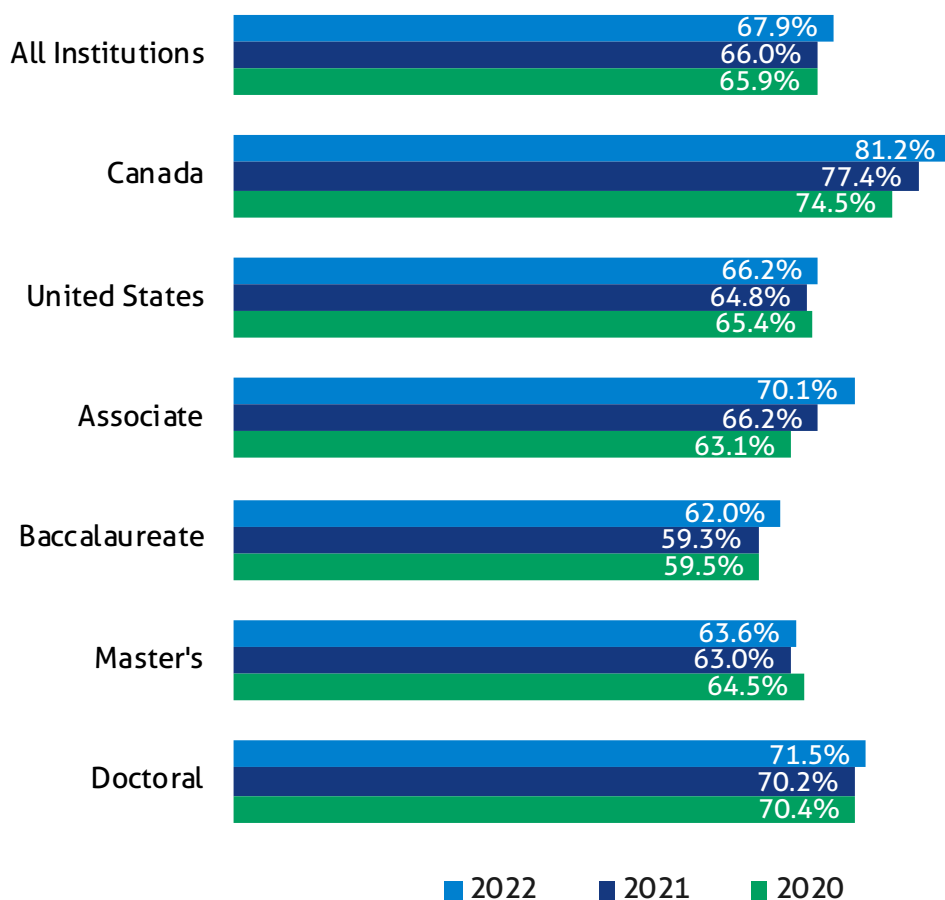


Coordination & Planning

Top Performers

Rank	Institution	Score	Type	Location
1(t)	Cornell University	100%+	Doctoral	Ithaca, NY
1(t)	University of Sydney	100%+	Doctoral	Sydney, Australia
3(t)	Dalhousie University	100%	Doctoral	Halifax, NS
3(t)	National University of Ireland, Galway	100%	Doctoral	Galway, Ireland
3(t)	Université de Sherbrooke	100%	Doctoral	Sherbrooke, QC
3(t)	Universite Laval	100%	Doctoral	Quebec, QC
3(t)	University of Alberta	100%	Doctoral	Edmonton, AB
3(t)	University of California, Irvine	100%	Doctoral	Irvine, CA
3(t)	University of New Brunswick, Fredericton	100%	Doctoral	Fredericton, NB
3(t)	University of Victoria	100%	Doctoral	Victoria, BC

Average Scores



Curriculum

Higher education institutions are uniquely positioned to understand and address sustainability challenges. Colleges and universities equip students to lead society to a sustainable future by developing and offering learning opportunities in sustainability. This section covers courses, programs and learning outcomes in sustainability, living laboratory initiatives, immersive experiences, sustainability literacy and faculty development.

College of the Atlantic students and faculty spend ample time along the regional shoreline, getting to know the creatures, plants, and people that comprise the maritime ecology. Courtesy of College of the Atlantic.

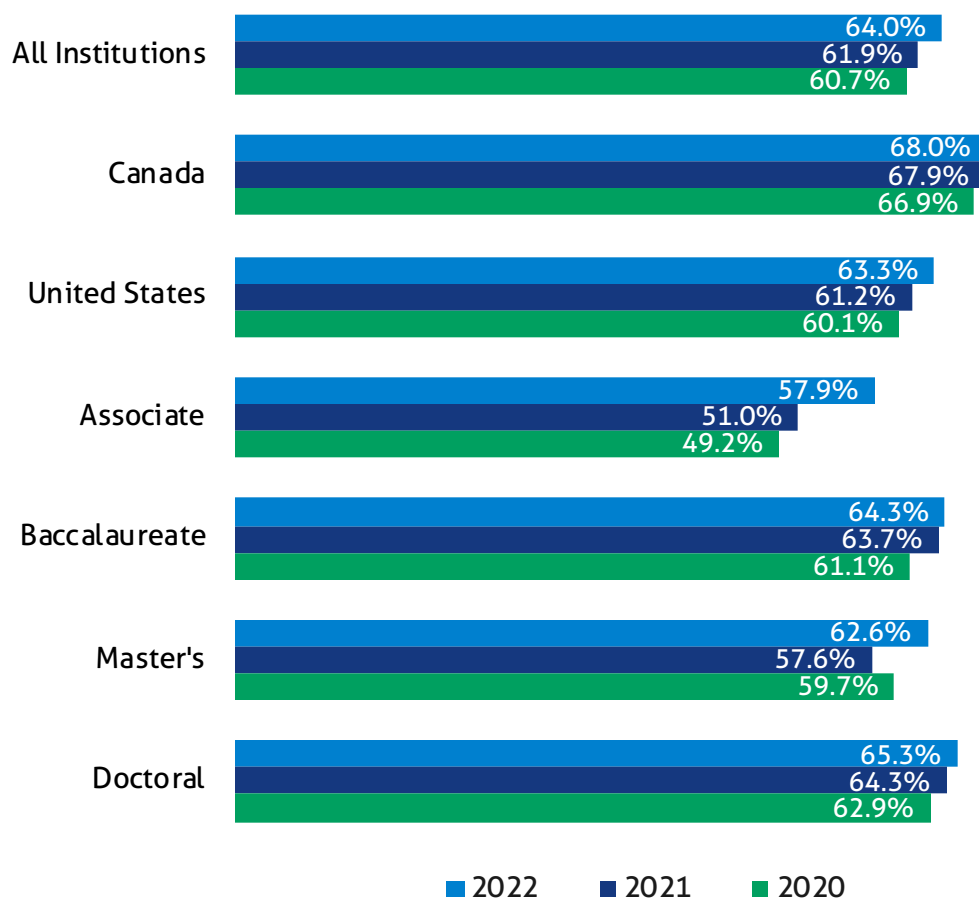


Curriculum

Top Performers

Rank	Institution	Score	Type	Location
1	State University of New York College of Environmental Science and Forestry	100%+	Doctoral	Syracuse, NY
2(t)	Colorado State University	100%	Doctoral	Fort Collins, CO
2(t)	Sterling College (VT)	100%	Baccalaureate	Craftsbury Common, VT
4	Florida Gulf Coast University	99.4%	Master	Fort Myers, FL
5	Stanford University	99.1%	Doctoral	Stanford, CA
6	University of New Hampshire	98.8%	Doctoral	Durham, NH
7	University of Connecticut	97.9%	Doctoral	Storrs, CT
8	California State University, Chico	96.2%	Master	Chico, CA
9	Luther College	95.6%	Baccalaureate	Decorah, IA
10(t)	College of the Atlantic	95.0%	Baccalaureate	Bar Harbor, ME
10(t)	Keene State College	95.0%	Baccalaureate	Keene, NH
10(t)	Unity College	95.0%	Baccalaureate	Unity, ME
10(t)	University of California, Irvine	95.0%	Doctoral	Irvine, CA

Average Scores



Diversity & Affordability

Higher education opens doors to opportunities that create a more equitable world and must be accessible to all regardless of race, gender, religion, socioeconomic status and other differences. A diverse body of students, faculty and staff provide rich resources for learning and collaboration. This section covers diversity coordination, assessment for campus equity, discrimination response, higher education affordability and access, increasing faculty diversity, and support and recruitment of underrepresented students, faculty and staff.

Immigration rights and Latino rights activist and Stanford Associate professor Jorge Ramos talks to Stanford's Luke Terra and students about Stanford University's Jasper Ridge Biological Preserve. Photo credit: Andrew Broadhead

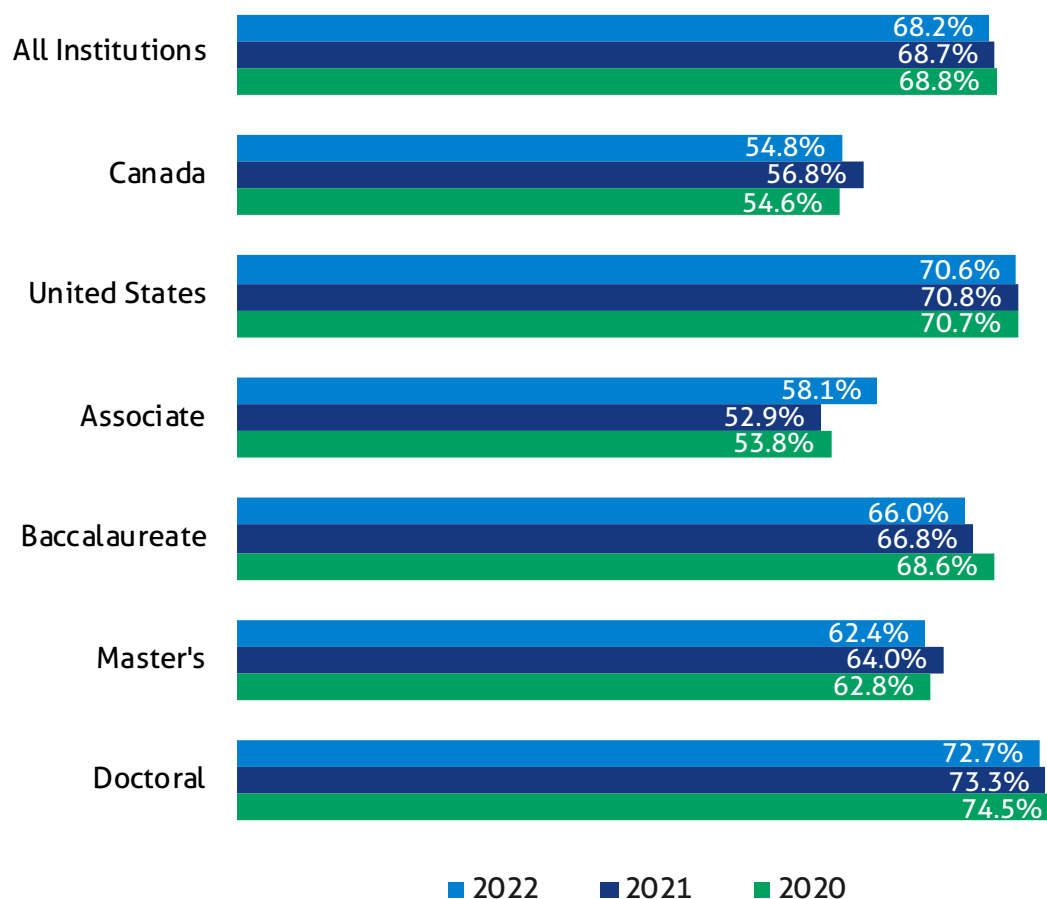


Diversity & Affordability

Top Performers

Rank	Institution	Score	Type	Location
1	Stanford University	99.8%	Doctoral	Stanford, CA
2	Cornell University	95.2%	Doctoral	Ithaca, NY
3	Boston College	93.4%	Doctoral	Chestnut Hill, MA
4	University of Richmond	92.5%	Baccalaureate	University of Richmond, VA
5	San Diego State University	91.8%	Doctoral	San Diego, CA
6(t)	The University of Texas at Dallas	91.6%	Doctoral	Richardson, TX
6(t)	Universite Laval	91.6%	Doctoral	Quebec, QC
8	Washington University in St. Louis	91.2%	Doctoral	Saint Louis, MO
9	University of Florida	90.6%	Doctoral	Gainesville, FL
10	Iowa State University	90.4%	Doctoral	Ames, IA

Average Scores



Energy

For most institutions, energy consumption is the largest source of greenhouse gas emissions. Implementing conservation measures and switching to renewable sources of energy helps institutions save money and protect them from utility rate volatility. Renewable energy may be generated locally and allows campuses to support local economic development. Furthermore, institutions can help shape markets by creating demand for cleaner, renewable sources of energy. This section recognizes energy reduction and development and use of clean and renewable energy sources.

A community tour of the UMN Morris 240kW solar PV agrivoltaic field. Courtesy of University of Minnesota, Morris.

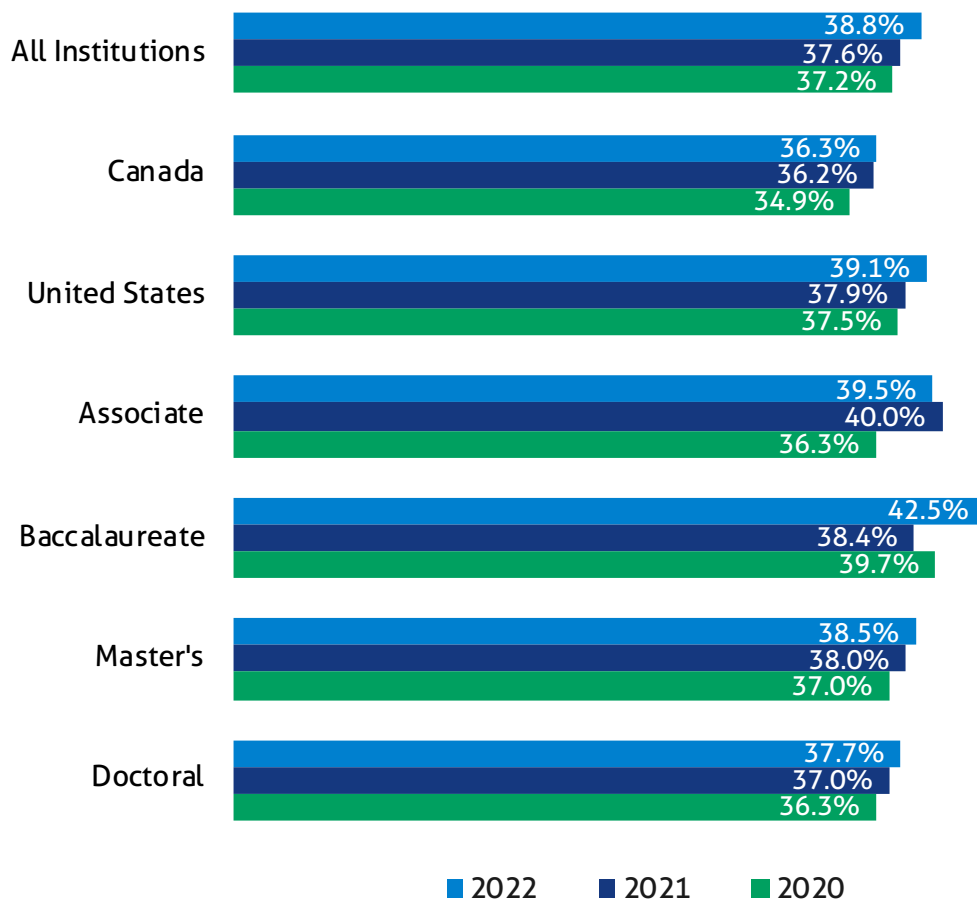


Energy

Top Performers

Rank	Institution	Score	Type	Location
1	Bates College	83.8%	Baccalaureate	Lewiston, ME
2	Stanford University	82.7%	Doctoral	Stanford, CA
3	Bennington College	75.3%	Baccalaureate	Bennington, VT
4	Williams College	69.3%	Baccalaureate	Williamstown, MA
5	University of New Hampshire	69.1%	Doctoral	Durham, NH
6	Bentley University	67.7%	Master	Waltham, MA
7	Western Technical College	67.6%	Associate	La Crosse, WI
8	American University	67.5%	Doctoral	Washington, DC
9	Arizona State University	65.7%	Doctoral	Tempe, AZ
10	University of California, Merced	65.4%	Doctoral	Merced, CA

Average Scores



Food & Dining

Institutions can use their food purchases to support local economies, encourage environmentally friendly and humane farming methods, help eliminate unsafe working conditions and alleviate poverty for farmworkers. These actions reduce environmental impacts, preserve regional farmland, improve local food security, support fair and resilient food systems and reduce food waste. Dining services support sustainable food systems by making low impact dining options available and educating customers about more sustainable options. This section covers meatless dining, and sustainable food and beverage purchasing and practices.

Catering at University of Pennsylvania. Photo credit: Kylie Cooper

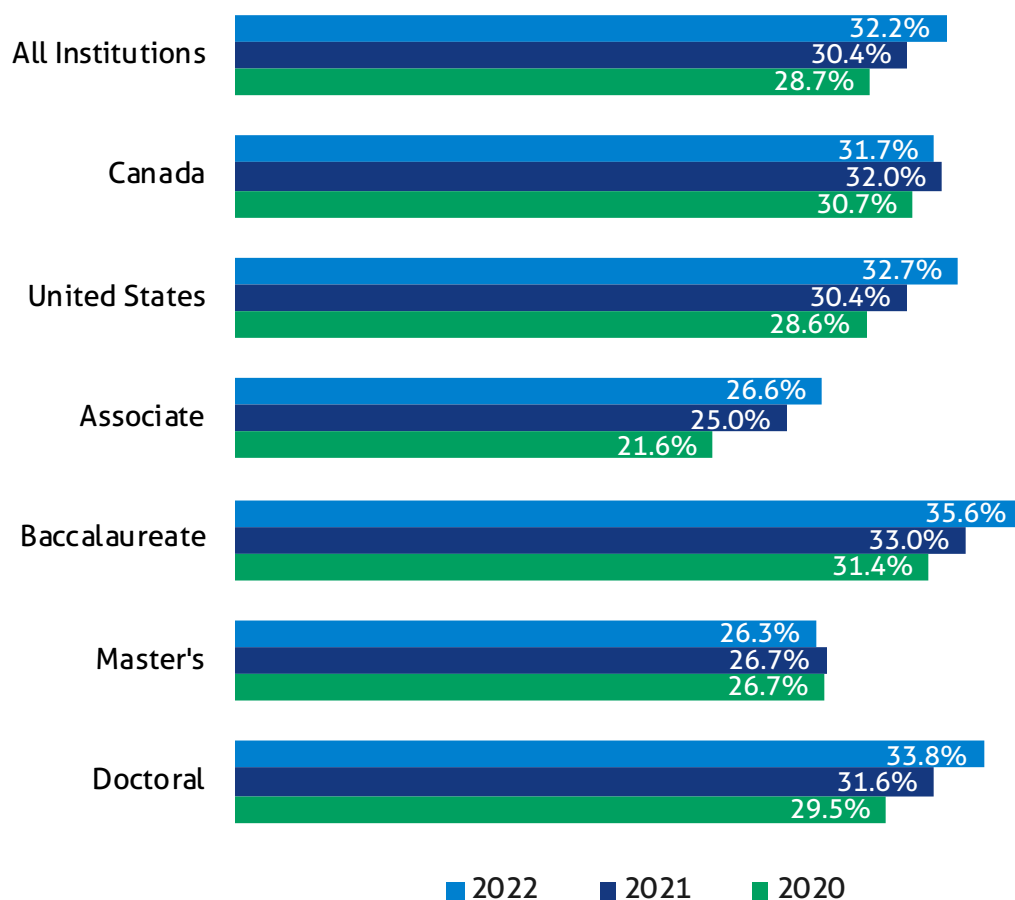


Food & Dining

Top Performers

Rank	Institution	Score	Type	Location
1	Sterling College (VT)	99.4%	Baccalaureate	Craftsbury Common, VT
2	University of Pennsylvania	82.9%	Doctoral	Philadelphia, PA
3	Southwestern University	72.2%	Baccalaureate	Georgetown, TX
4	University of Connecticut	70.6%	Doctoral	Storrs, CT
5	Stanford University	66.0%	Doctoral	Stanford, CA
6	Emory University	65.8%	Doctoral	Atlanta, GA
7	University of Southern California	64.0%	Doctoral	Los Angeles, CA
8	College of the Atlantic	63.1%	Baccalaureate	Bar Harbor, ME
9	Smith College	62.1%	Baccalaureate	Northampton, MA
10	University of the Pacific	59.1%	Doctoral	Stockton, CA

Average Scores



Grounds

Beautiful and welcoming campus grounds can be planned, planted and maintained in any region while minimizing the use of toxic chemicals, protecting wildlife habitat, conserving resources and promoting organic care. This section covers campus land management, sustainable landscaping and biodiversity of campus grounds and surrounding lands.

Dr. Amy Lambert teaches students at University of Washington, Bothell about native bees on campus. Photo courtesy of University of Washington, Bothell.

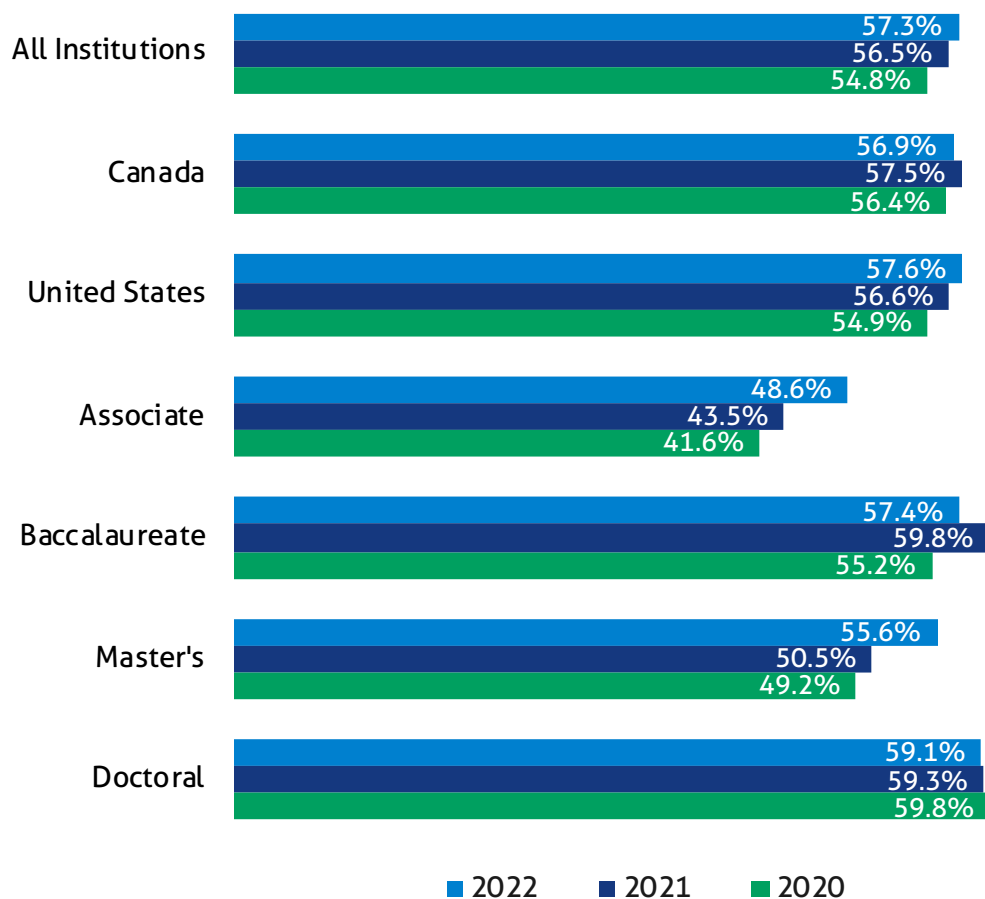


Grounds

Top Performers

Rank	Institution	Score	Type	Location
1(t)	Cascadia College	100%++	Baccalaureate	Bothell, WA
1(t)	University of Washington, Bothell	100%++	Master	Bothell, WA
3	George Washington University	100%+	Doctoral	Washington, DC
4(t)	Central New Mexico Community College	100%	Associate	Albuquerque, NM
4(t)	Dawson College	100%	Associate	Montreal, QC
4(t)	HEC Montréal	100%	Doctoral	Montreal, QC
4(t)	McGill University	100%	Doctoral	Montreal, QC
4(t)	Polytechnique Montréal	100%	Doctoral	Montreal, QC
4(t)	The American College of Greece	100%	Master	Athens, Greece
4(t)	Universite de Montreal	100%	Doctoral	Montreal, QC
4(t)	University of Saskatchewan	100%	Doctoral	Saskatoon, SK
4(t)	University of Wisconsin-Milwaukee	100%	Doctoral	Milwaukee, WI

Average Scores



Investment & Finance

Collectively, colleges and universities invest hundreds of billions of dollars, and the impacts from investments are both local and global in scope. Using transparent and democratic investment processes improves the long-term health of institutional endowments, encourages better corporate behavior, supports innovative product development and builds a more just and sustainable financial system. This section covers sustainable investment, committees for responsible investing and investment disclosure.

National Tsing Hua University (NTHU) partners with local businesses to host a charity basketball tournament and raise funds for scholarships for economically disadvantaged students. Photo courtesy of NTHU

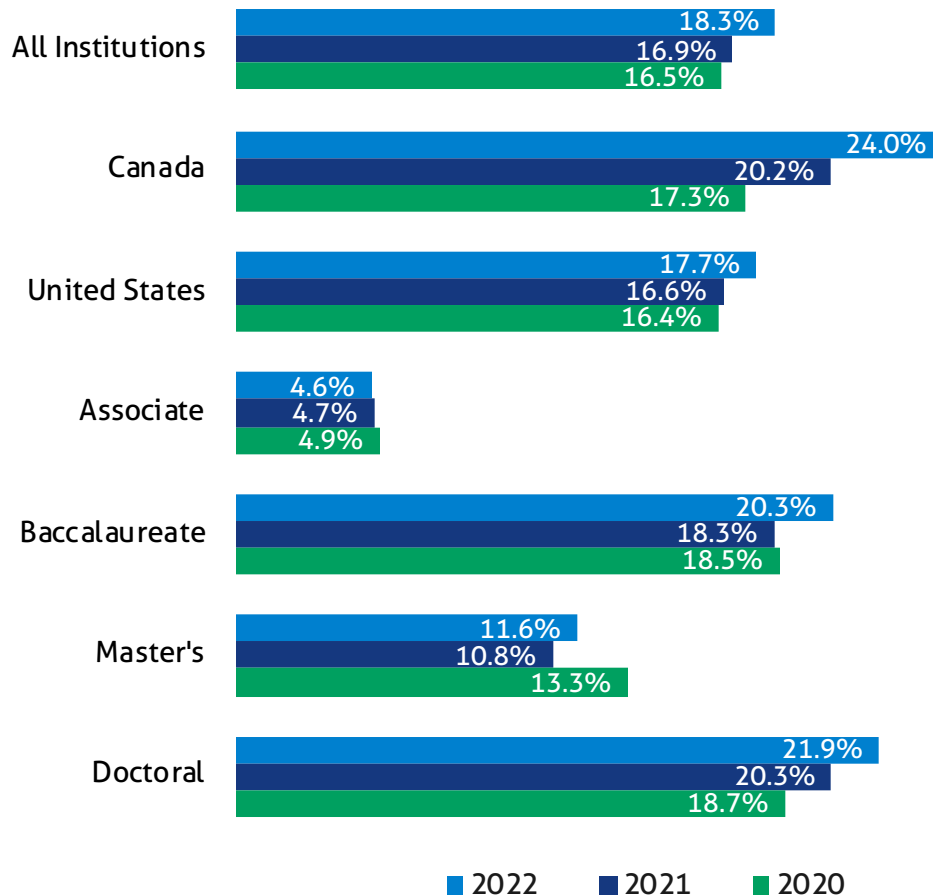


Investment & Finance

Top Performers

Rank	Institution	Score	Type	Location
1	University of New Hampshire	100.0%	Doctoral	Durham, NH
2	Arizona State University	92.9%	Doctoral	Tempe, AZ
3(t)	National Tsing Hua University	83.3%	Doctoral	Hsinchu, Taiwan
3(t)	Warren Wilson College	83.3%	Baccalaureate	Swannanoa, NC
5(t)	University of California, Berkeley	77.4%+	Doctoral	Berkeley, CA
5(t)	University of California, Irvine	77.4%+	Doctoral	Irvine, CA
5(t)	University of California, Riverside	77.4%+	Doctoral	Riverside, CA
5(t)	University of California, Santa Cruz	77.4%+	Doctoral	Santa Cruz, CA
9(t)	University of California, Merced	77.4%	Doctoral	Merced, CA
9(t)	University of California, San Diego	77.4%	Doctoral	La Jolla, CA
9(t)	University of California, Santa Barbara	77.4%	Doctoral	Santa Barbara, CA

Average Scores



Public Engagement

Engagement in problem-solving with community members and organizations in the governmental, nonprofit and for-profit sectors encourages widespread solutions to sustainability challenges. Public engagement helps students develop leadership skills while deepening their understandings of practical, real-world problems and the process of creating solutions. This section covers community and inter-campus partnerships, continuing education, community service, public policy participation and trademark licensing.

University of New Hampshire students at a site visit for the B Impact clinic. Photo credit: Micky Bedell, University of New Hampshire

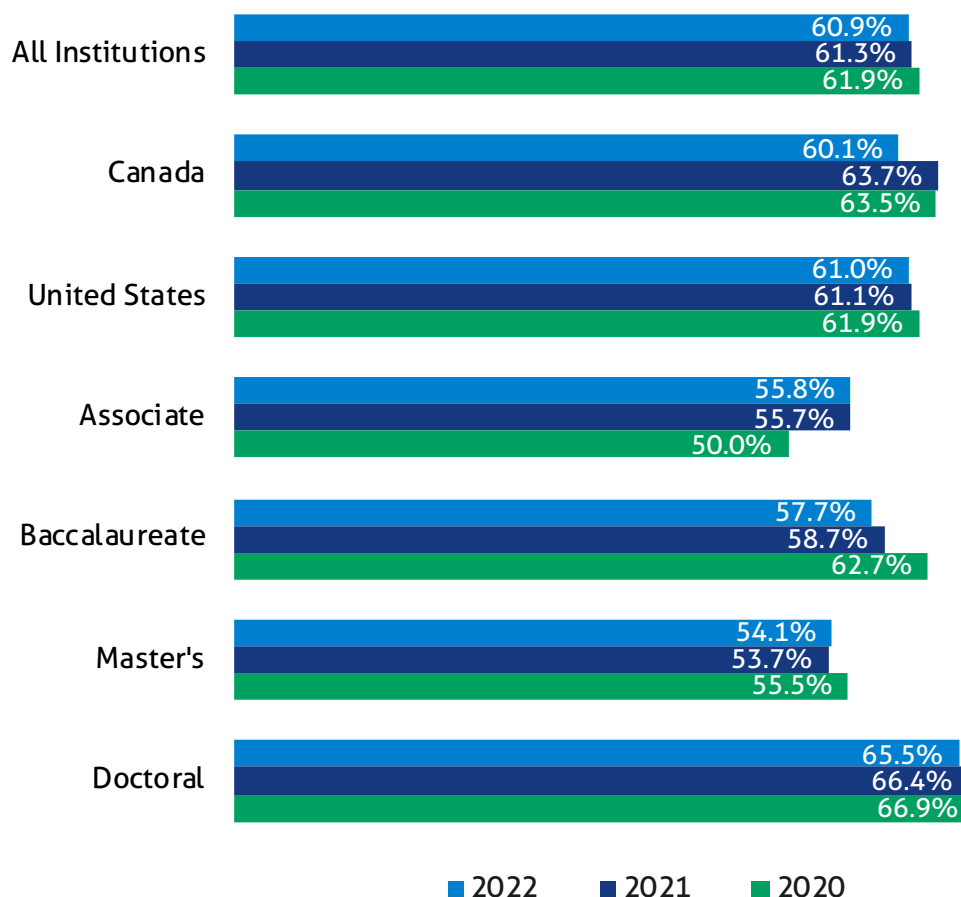


Public Engagement

Top Performers

Rank	Institution	Score	Type	Location
1	University of Connecticut	100%	Doctoral	Storrs, CT
2	State University of New York College of Environmental Science and Forestry	97.0%	Doctoral	Syracuse, NY
3	Colorado State University	96.6%	Doctoral	Fort Collins, CO
4	University of Massachusetts Lowell	95.8%	Doctoral	Lowell, MA
5	Indiana University-Purdue University Indianapolis (IUPUI)	95.4%	Doctoral	Indianapolis, IN
6	Cornell University	94.4%	Doctoral	Ithaca, NY
7	University of California, Irvine	93.6%+	Doctoral	Irvine, CA
8	Santa Clara University	93.6%	Doctoral	Santa Clara, CA
9	University of New Hampshire	93.3%	Doctoral	Durham, NH
10	University of Nebraska - Lincoln	93.3%	Doctoral	Lincoln, NE

Average Scores



Purchasing

Collectively, institutions spend many billions of dollars on goods and services annually. Each purchasing decision represents an opportunity for institutions to choose environmentally and socially preferable products and services and support companies with strong commitments to sustainability. This section covers general and commodity-specific sustainable purchasing policies, life cycle cost analysis and purchase of electronics, paper and cleaning products.

Washington University in St. Louis hosted an inaugural Diverse Business Training and Showcase Fair, which included 20 minority and/or women owned businesses. The event was one of the outcomes of participation in the St. Louis Anchor Action Network. Photo credit: Church Productions

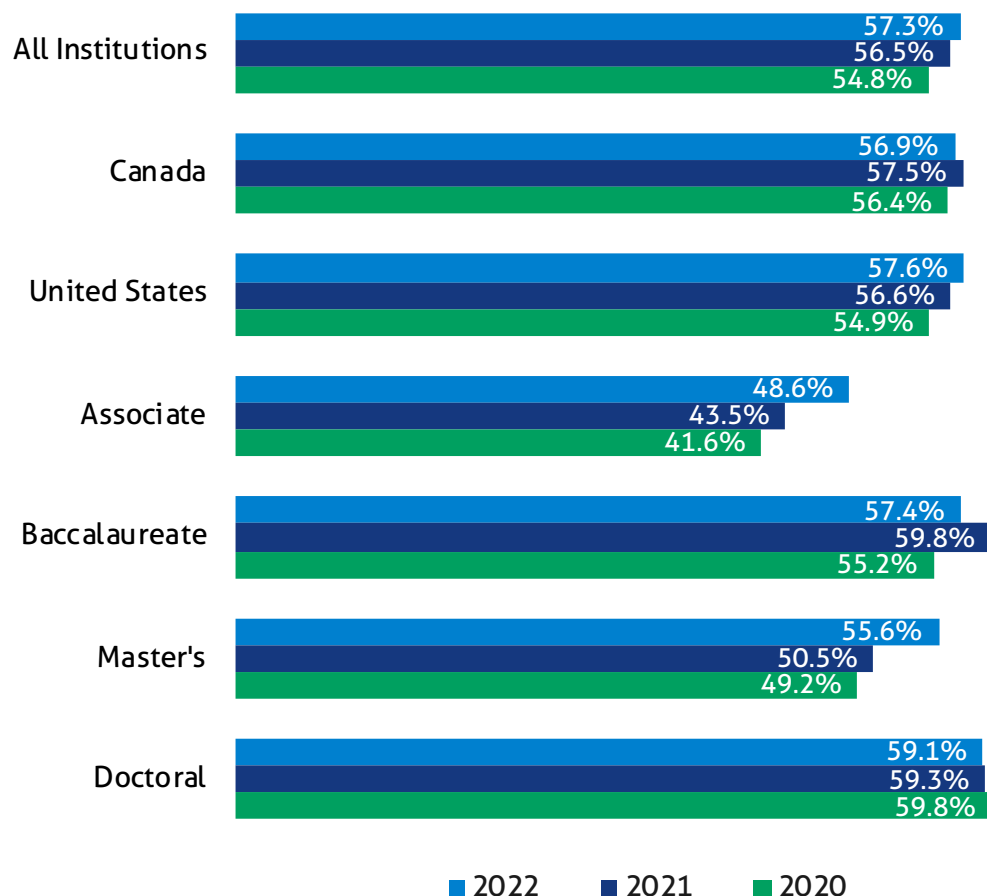


Purchasing

Top Performers

Rank	Institution	Score	Type	Location
1	Keene State College	98.3%	Baccalaureate	Keene, NH
2	University of Washington, Seattle	96.5%	Doctoral	Seattle, WA
3	University of Ontario Institute of Technology	95.8%	Master	Oshawa, ON
4	McGill University	93.8%	Doctoral	Montreal, QC
5	Dalhousie University	92.5%	Doctoral	Halifax, NS
6	The American College of Greece	91.7%	Master	Athens, Greece
7	Seattle University	91.2%	Doctoral	Seattle, WA
8	Arizona State University	90.8%	Doctoral	Tempe, AZ
9	Université de Sherbrooke	90.3%	Doctoral	Sherbrooke, QC
10	National Taiwan Normal University	89.5%	Doctoral	Taipei City, Taiwan

Average Scores



Research

By researching sustainability issues and refining theories and concepts, higher education institutions help the world to understand sustainability challenges and develop new technologies, strategies and approaches to address those challenges. This section covers faculty and department sustainability research and initiatives for open access research.

The Field Research Facility for Buildings of the Future at Concordia University tests which construction materials are most efficient for achieving zero emission standards. Courtesy of Concordia University



Research

Top Performers

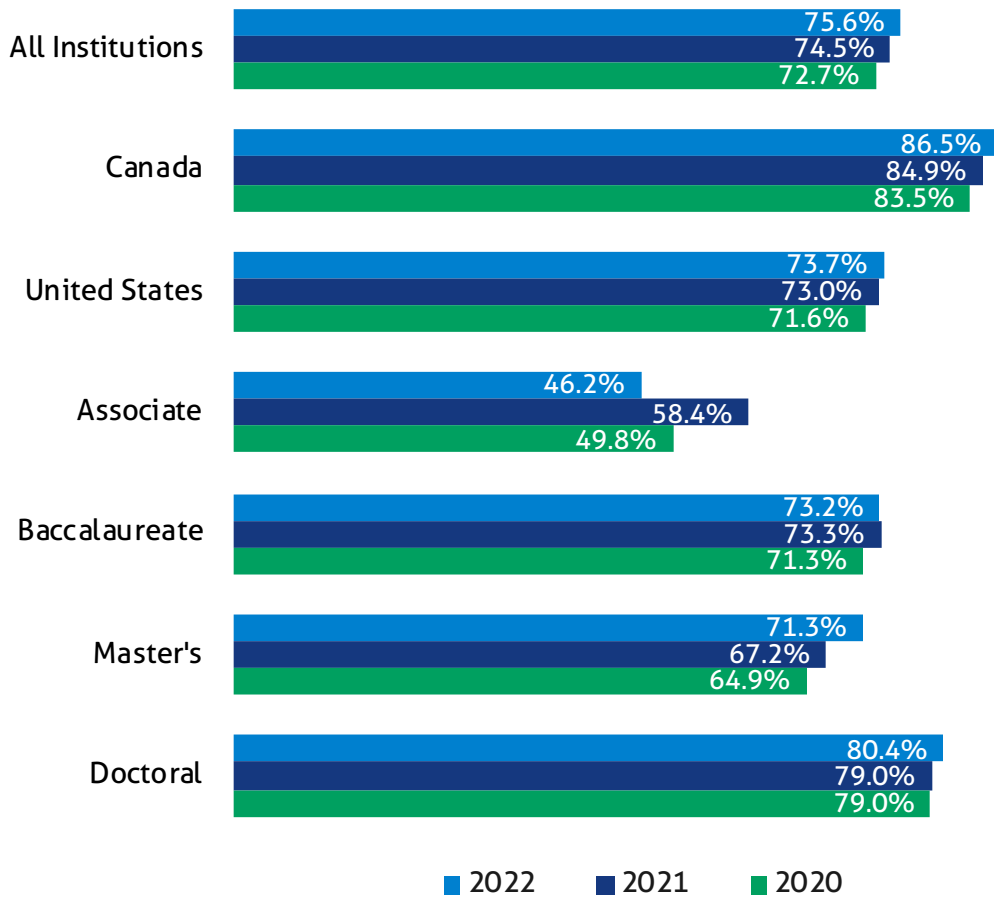
Rank	Institution	Score	Type	Location
1(t)	Ball State University	100.0%	Doctoral	Muncie, IN
1(t)	Binghamton University	100.0%	Doctoral	Vestal, NY
1(t)	Colorado State University	100.0%	Doctoral	Fort Collins, CO
1(t)	Concordia University	100.0%	Doctoral	Montreal, QC
1(t)	Cornell University	100.0%	Doctoral	Ithaca, NY
1(t)	Florida Gulf Coast University	100.0%	Master	Fort Myers, FL
1(t)	George Mason University	100.0%	Doctoral	Fairfax, VA
1(t)	Keene State College	100.0%	Baccalaureate	Keene, NH
1(t)	Pennsylvania State University	100.0%	Doctoral	University Park, PA
1(t)	Portland State University	100.0%	Doctoral	Portland, OR
1(t)	Principia College	100.0%	Baccalaureate	Elsah, IL
1(t)	Santa Clara University	100.0%	Doctoral	Santa Clara, CA
1(t)	Texas A&M University	100.0%	Doctoral	College Station, TX
1(t)	Université de Sherbrooke	100.0%	Doctoral	Sherbrooke, QC
1(t)	Universite Laval	100.0%	Doctoral	Quebec, QC
1(t)	University of California, Irvine	100.0%	Doctoral	Irvine, CA
1(t)	University of California, Merced	100.0%	Doctoral	Merced, CA
1(t)	University of California, San Diego	100.0%	Doctoral	La Jolla, CA
1(t)	University of California, Santa Cruz	100.0%	Doctoral	Santa Cruz, CA
1(t)	University of Connecticut	100.0%	Doctoral	Storrs, CT
1(t)	University of Maryland, College Park	100.0%	Doctoral	College Park, MD
1(t)	University of Massachusetts Amherst	100.0%	Doctoral	Amherst, MA
1(t)	University of Minnesota, Duluth	100.0%	Master	Duluth, MN
1(t)	University of New Hampshire	100.0%	Doctoral	Durham, NH
1(t)	Yale University	100.0%	Doctoral	New Haven, CT

Miami University doctoral student Shrameeta Shinde checks a cyanobacterium culture. Photo credit: Jeff Sabo



Research

Average Scores



Texas A&M University students extract CO₂ for transforming into fuels. Photo credit: Texas A&M Engineering



Transportation

Institutions positively impact human and ecological health and support local economies by modeling sustainable transportation systems. Transportation-related emissions and pollutants contribute to health problems which, due to disproportionate exposure, are more pronounced in low-income communities near major transportation corridors. In addition, fuel extraction, production and distribution damages environmentally and culturally significant ecosystems and financially benefits oppressive governments. This section covers campus fleets, student/employee modal split and programs promoting sustainable transportation.

Student storing their bike at one of 150 outdoor bike parking spaces at Ecole de Technologie Superieure. Courtesy of Ecole de Technologie Superieure.

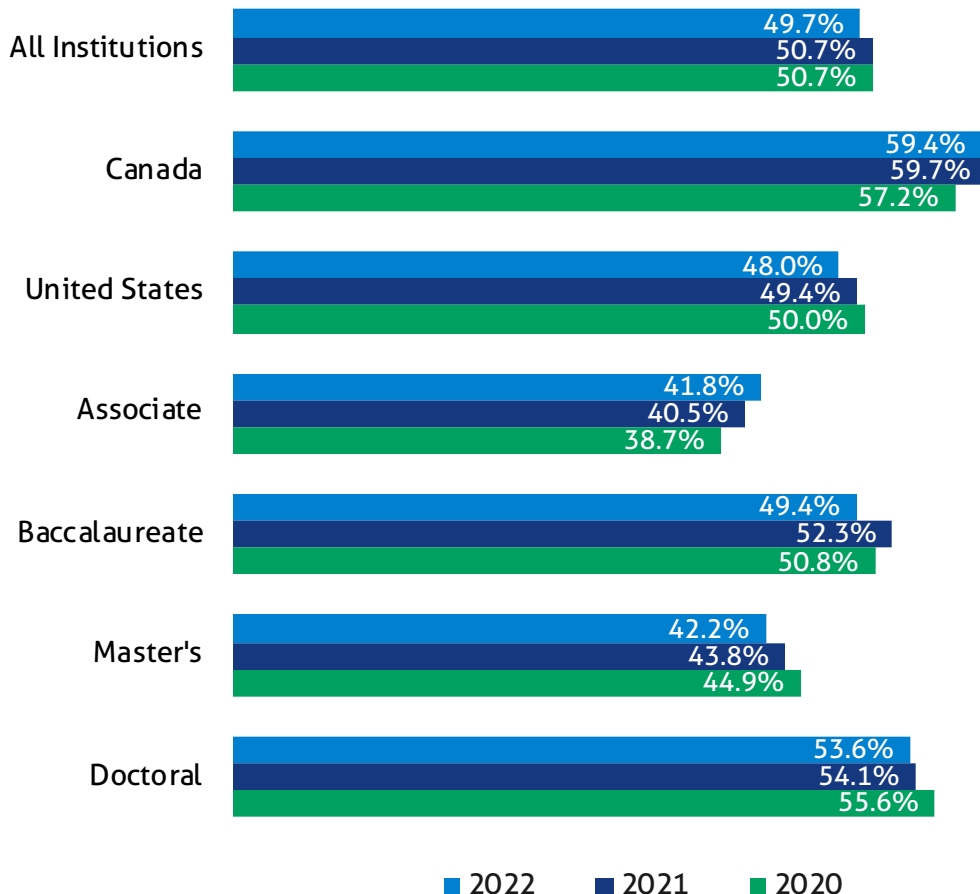


Transportation

Top Performers

Rank	Institution	Score	Type	Location
1	Loyola Marymount University	90.9%	Doctoral	Los Angeles, CA
2	Ryerson University	90.3%	Doctoral	Toronto, ON
3	Dawson College	86.8%	Associate	Montreal, QC
4	California State University, San Bernardino	86.6%	Master	San Bernardino, CA
5	University of Ottawa	83.6%	Doctoral	Ottawa, ON
6	Ecole de Technologie Superieure	83.3%	Doctoral	Montreal, QC
7	Concordia University	82.7%	Doctoral	Montreal, QC
8	New York University	81.4%	Doctoral	New York, NY
9	University of Washington, Seattle	80.6%	Doctoral	Seattle, WA
10(t)	Boston University	80.4%	Doctoral	Boston, MA
10(t)	McGill University	80.4%	Doctoral	Montreal, QC

Average Scores



Waste

Waste reduction mitigates the need to extract virgin materials from the earth and reduces waste flow to incinerators and landfills that contaminate air and water, produce greenhouse gas emissions and result in disproportionate negative impacts on low-income communities. Source reduction and waste diversion also save institutions costly landfill and hauling costs. Campaigns for waste reduction engage the entire campus community in contributing to tangible sustainability goals. This section recognizes waste minimization and reduction construction, waste diversion and hazardous waste management.

Students in the College Park Scholars Program complete a waste audit at the University of Maryland, College Park. Courtesy of University of Maryland, College Park.

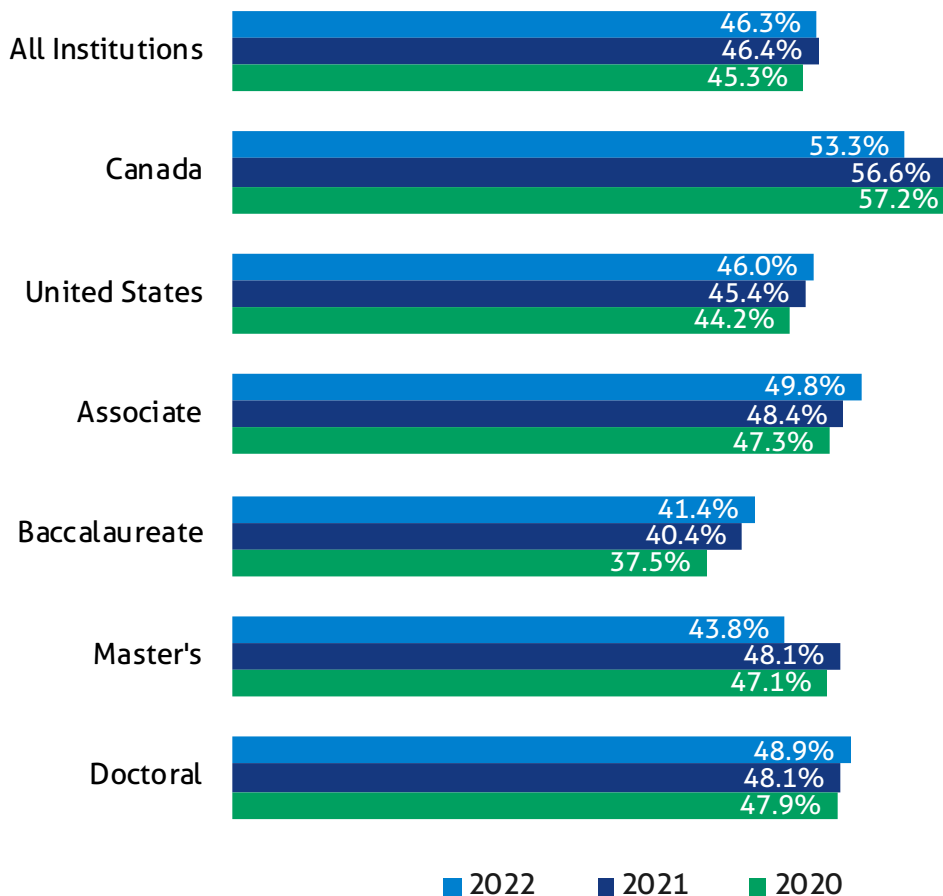


Waste

Top Performers

Rank	Institution	Score	Type	Location
1	Nova Scotia Community College	90.6%	Associate	Halifax, NS
2	Université de Sherbrooke	89.5%	Doctoral	Sherbrooke, QC
3	University of Texas at San Antonio	84.2%	Doctoral	San Antonio, TX
4	University of Maryland, College Park	80.8%	Doctoral	College Park, MD
5	North Seattle College	79.9%	Associate	Seattle, WA
6	Universite Laval	79.3%	Doctoral	Quebec, QC
7	University of California, Merced	76.3%	Doctoral	Merced, CA
8	University of California, Santa Barbara	76.1%	Doctoral	Santa Barbara, CA
9	Oregon State University	75.8%	Doctoral	Corvallis, OR
10	Princeton University	75.6%	Doctoral	Princeton, NJ

Average Scores



Water

Water conservation and reuse, as well as effective rainwater management practices, maintain and protect finite groundwater supplies. Pumping, delivering and treating water is also a major driver of energy consumption. Institutions reduce energy usage and the emissions associated with energy generation by conserving water. Water conservation and effective rainwater and wastewater management diminish the need for effluent discharge into local surface water supplies, which consequently improves the health of local water ecosystems. This section covers water use reduction and rainwater management.

UMN Morris intern giving a tour of the new Morris Water Treatment Plant. Courtesy of University of Minnesota, Morris.



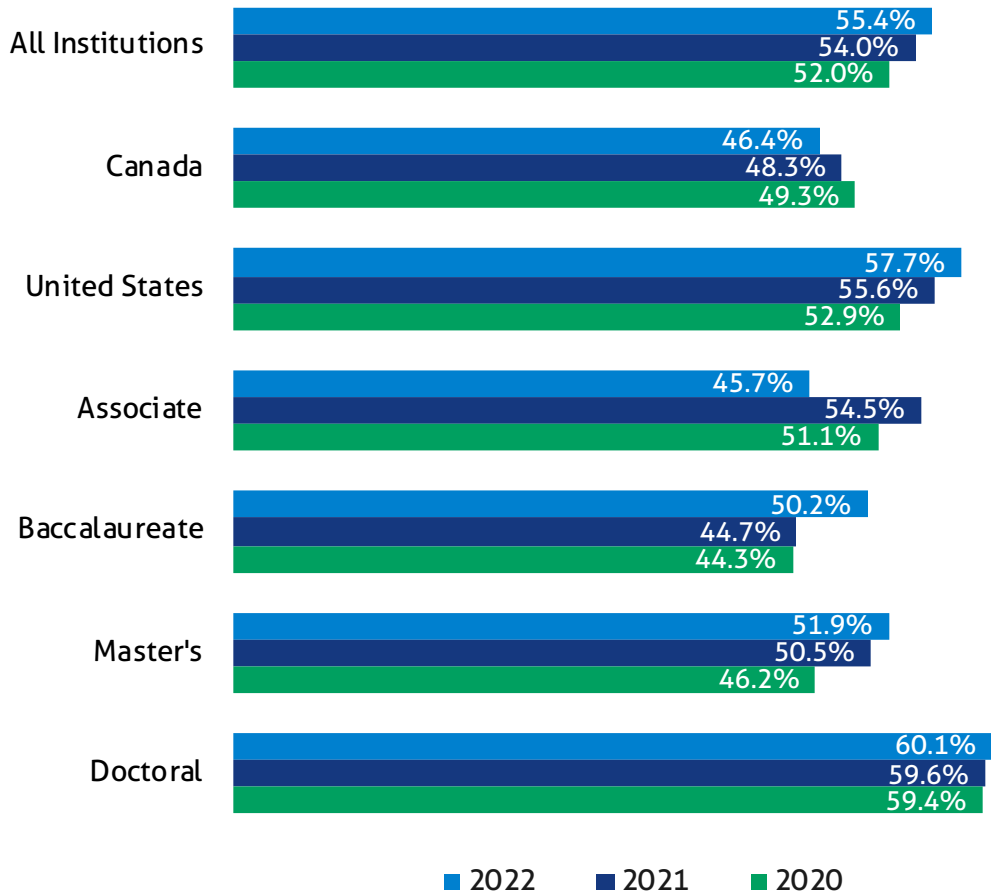
Water

Top Performers

Rank	Institution	Score	Type	Location
1	Princeton University	100%+++	Doctoral	Princeton, NJ
2(t)	Colorado College	100%++	Baccalaureate	Colorado Springs, CO
2(t)	Northland College	100%++	Baccalaureate	Ashland, WI
2(t)	University of Connecticut	100%++	Doctoral	Storrs, CT
2(t)	University of Maryland, Baltimore County	100%++	Doctoral	Baltimore, MD
2(t)	University of Washington, Bothell	100%++	Master	Bothell, WA
8	University of Illinois Chicago	100%+	Doctoral	Chicago, IL
9(t)	Agnes Scott College	100%	Baccalaureate	Decatur, GA
9(t)	American University	100%	Doctoral	Washington, DC
9(t)	California State University, Chico	100.0%	Master	Chico, CA
9(t)	Carleton University	100%	Doctoral	Ottawa, ON
9(t)	Central New Mexico Community College	100%	Associate	Albuquerque, NM
9(t)	Gonzaga University	100%	Doctoral	Spokane, WA
9(t)	Loyola Marymount University	100%	Doctoral	Los Angeles, CA
9(t)	Northwestern University	100%	Doctoral	Evanston, IL
9(t)	Raritan Valley Community College	100%	Associate	Branchburg, NJ
9(t)	Stanford University	100%	Doctoral	Stanford, CA
9(t)	State University of New York College of Environmental Science and Forestry	100%	Doctoral	Syracuse, NY
9(t)	Stevens Institute of Technology	100%	Doctoral	Hoboken, NJ
9(t)	Tennessee Technological University	100%	Doctoral	Cookeville, TN
9(t)	Université de Sherbrooke	100%	Doctoral	Sherbrooke, QC
9(t)	Universite Laval	100%	Doctoral	Quebec, QC
9(t)	University of California, Riverside	100%	Doctoral	Riverside, CA
9(t)	University of Illinois, Urbana-Champaign	100%	Doctoral	Champaign, IL
9(t)	University of Minnesota, Morris	100%	Baccalaureate	Morris, MN
9(t)	University of North Carolina, Greensboro	100%	Doctoral	Greensboro, NC
9(t)	Virginia Commonwealth University	100%	Doctoral	Richmond, VA

Water

Average Scores



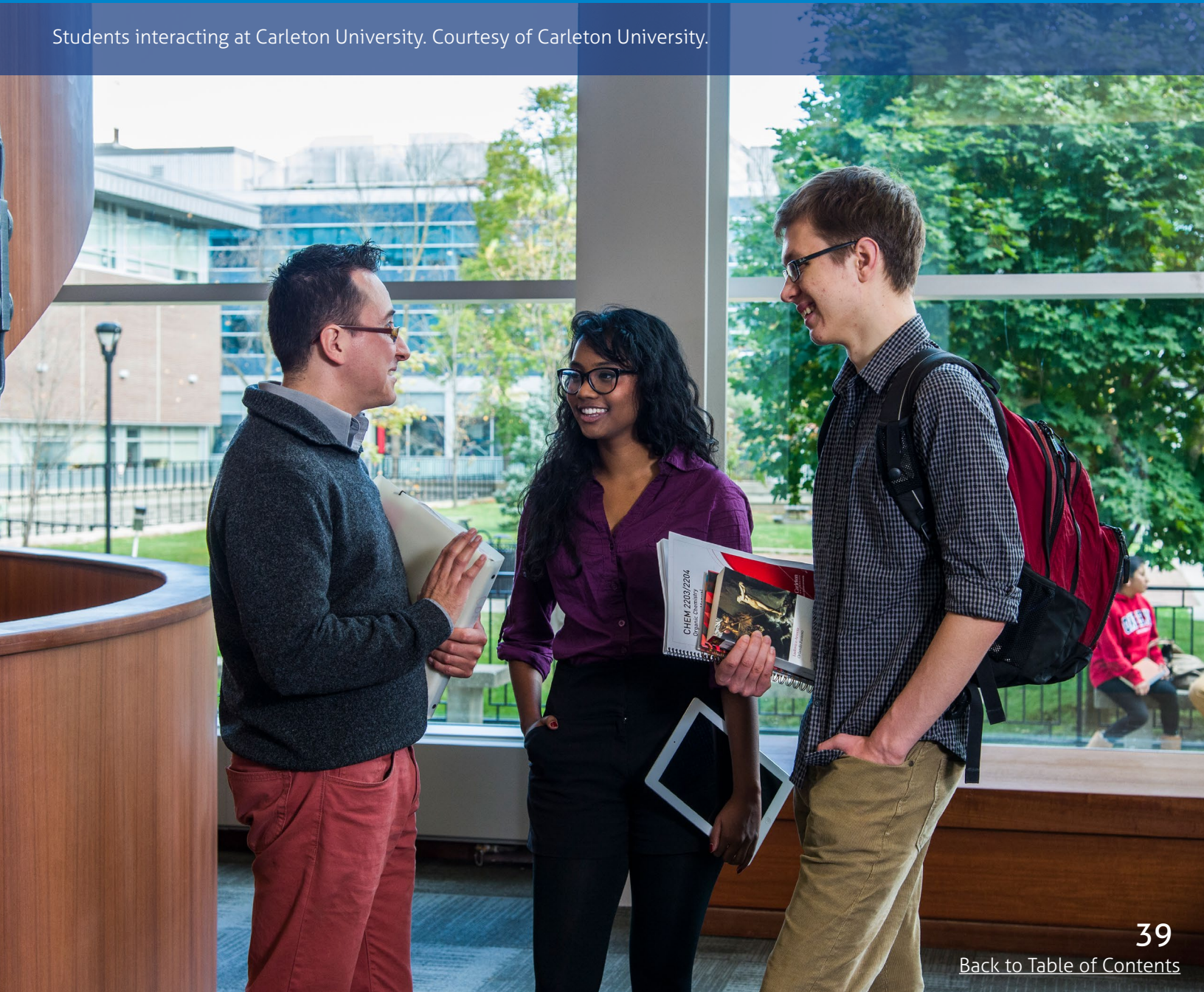
Bioswale stormwater biofiltration system at UNC Greensboro. Courtesy of University of North Carolina, Greensboro.



Wellbeing & Work

An organization's character, capacity to perform and achievements are only as strong as that organization's community. Colleges and universities bolster the strength of their communities by promoting the wellbeing of the campus community and by offering worker benefits, wages and other forms of assistance that serve to respectfully and ethically compensate workers. This section recognizes student and employee wellness programs and employee compensation, satisfaction, health and safety.

Students interacting at Carleton University. Courtesy of Carleton University.

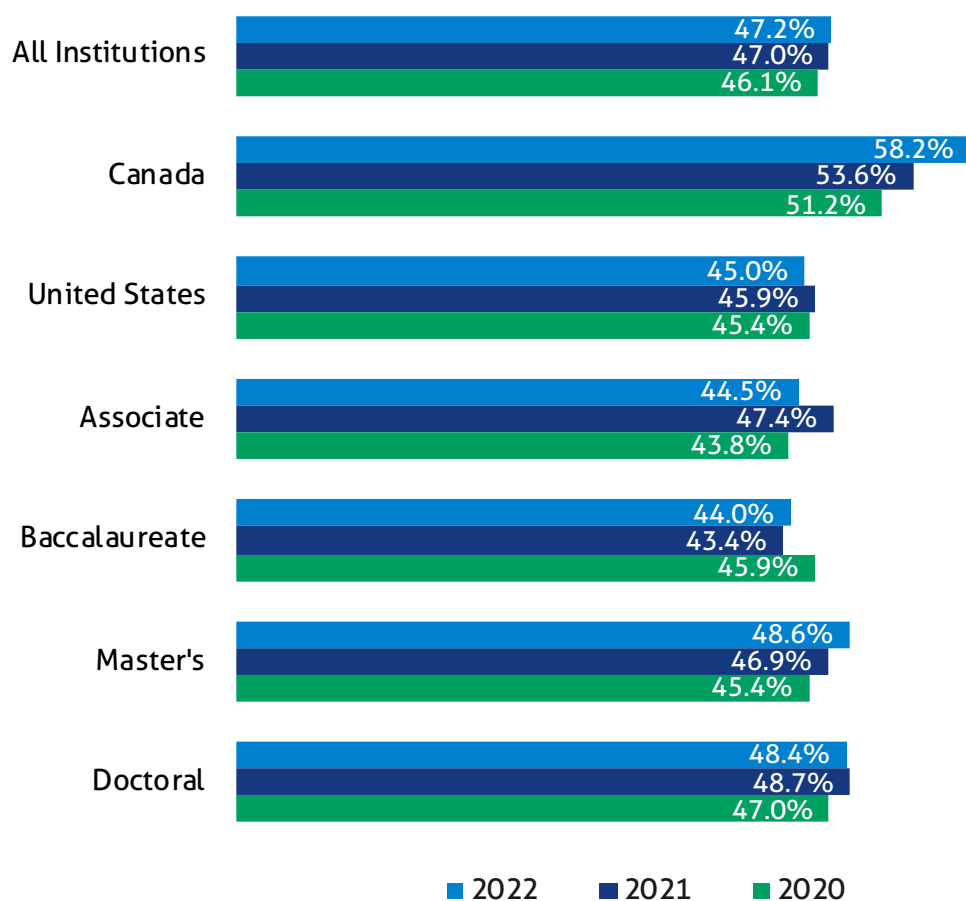


Wellbeing & Work

Top Performers

Rank	Institution	Score	Type	Location
1	Universite Laval	89.4%	Doctoral	Quebec, QC
2	University of California, Los Angeles	84.3%	Doctoral	Los Angeles, CA
3(t)	British Columbia Institute of Technology	84.0%	Baccalaureate	Burnaby, BC
3(t)	University of California, Berkeley	84.0%	Doctoral	Berkeley, CA
5	Carleton University	81.9%	Doctoral	Ottawa, ON
6	University of California, Riverside	81.7%+	Doctoral	Riverside, CA
7	Colorado State University	81.7%	Doctoral	Fort Collins, CO
8	University of Queensland	81.1%	Doctoral	Brisbane, Australia
9	California State University, Stanislaus	80.9%	Master	Turlock, CA
10	Barnard College	80.7%	Baccalaureate	New York, NY

Average Scores



Overall Top Performers

Highest overall scores among Associate, Baccalaureate, Master's and Doctoral institutions

Students learning in the field at Saint Joseph's College-Maine. Courtesy of Saint Joseph's College - ME.



Associate Colleges

Top Performers

Rank	Institution	Score	Rating	Location
1	Dawson College	74.6	Gold	Montreal, QC
2	Nova Scotia Community College	71.1	Gold	Halifax, NS
3	Mohawk College	67.4	Gold	Hamilton, ON
4	Fleming College	66.3	Gold	Peterborough, ON
5	Portland Community College	63.0	Silver	Portland, OR
6	North Seattle College	60.6	Silver	Seattle, WA
7	Raritan Valley Community College	59.7	Silver	Branchburg, NJ
8	Central Community College	59.4	Silver	Grand Island, NE
9	Western Technical College	58.6	Silver	La Crosse, WI
10	Lane Community College	56.6	Silver	Eugene, OR

* Institution type classifications in this and subsequent sections were adapted from the U.S. Carnegie Classification of Institutions of Higher Education®. See Methodology for details.

A group of Indigenous students at Mohawk College learned how to build a traditional birch bark canoe from a master canoe-maker in a two-week project. Photo credit: Mohawk College, Sean Coffey



Baccalaureate Institutions

Top Performers

Rank	Institution	Score	Rating	Location
1	Dickinson College	80.0	Gold	Carlisle, PA
2	Keene State College	78.1	Gold	Keene, NH
3	Furman University	77.0	Gold	Greenville, SC
4	Luther College	75.3	Gold	Decorah, IA
5	Sterling College (VT)	75.1	Gold	Craftsbury Common, VT
6	Macalester College	74.9	Gold	Saint Paul, MN
7	College of the Atlantic 73.2	Gold	Bar Harbor, ME	Branchburg, NJ
8	Colorado College	72.8	Gold	Colorado Springs, CO
9	University of Minnesota, Morris	72.8	Gold	Morris, MN
10	Bates College	72.6	Gold	Lewiston, ME

Student at the Dickinson College Farm. Photo courtesy of Dickinson College.



Master's Institutions

Top Performers

Rank	Institution	Score	Rating	Location
1	California State University, Chico	79.4	Gold	Chico, CA
2	Grand Valley State University	74.9	Gold	Allendale, MI
3	Appalachian State University	73.9	Gold	Boone, NC
4	Florida Gulf Coast University	72.9	Gold	Fort Myers, FL
5	California State University, Northridge	72.6	Gold	Northridge, CA
6	San Jose State University	71.91	Gold	San Jose, CA
7	University of Ontario Institute of Technology	71.86	Gold	Oshawa, ON
8	California Polytechnic State University	70.2	Gold	San Luis Obispo, CA
9	The American College of Greece	69.4	Gold	Athens, Greece
10	Saint Joseph's College - ME	68.6	Gold	Standish, ME

A 30 x 168 ft. Gothic-style hoophouse was erected at Grand Valley State University's Sustainable Agriculture Project in fall 2020. Photo credit: Kendra Stanley-Mills



Doctoral Institutions

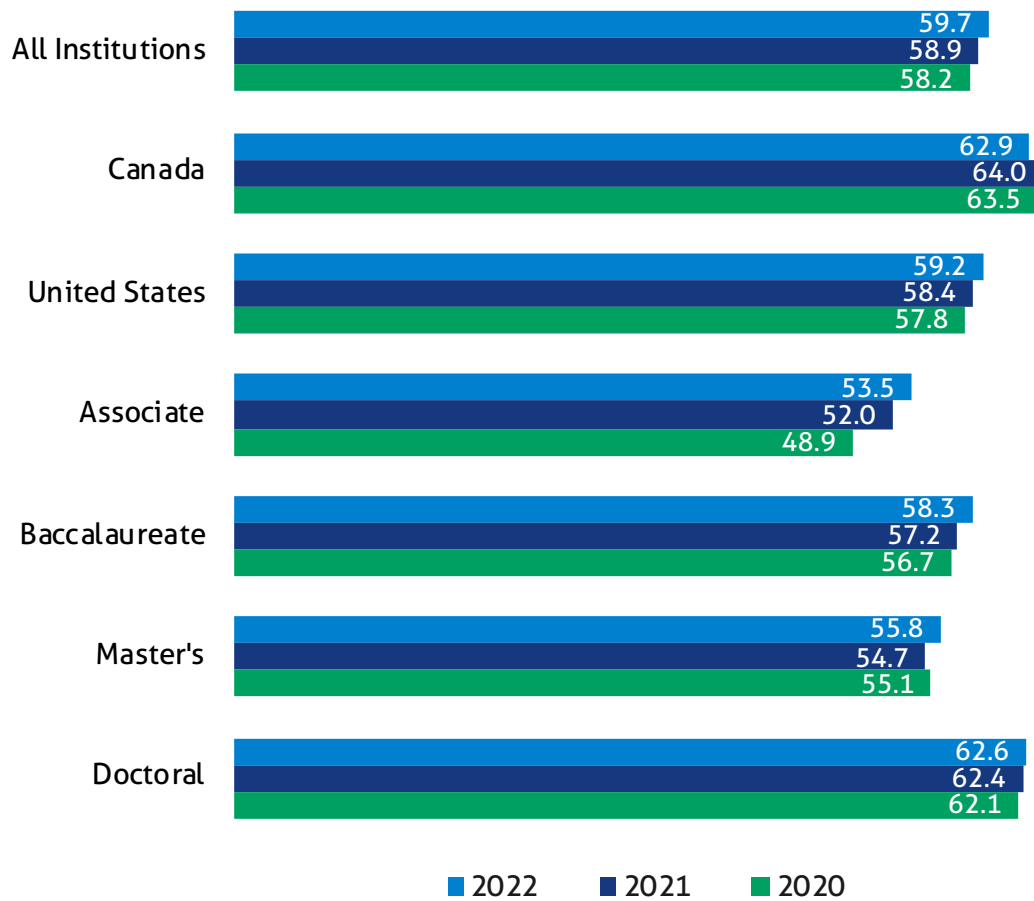
Top Performers

Rank	Institution	Score	Rating	Location
1	University of California, Irvine	88.6	Platinum	Irvine, CA
2	Colorado State University	88.1	Platinum	Fort Collins, CO
3	Arizona State University	87.1	Platinum	Tempe, AZ
4	Cornell University	86.3	Platinum	Ithaca, NY
5	University of New Hampshire	86.1	Platinum	Durham, NH
6	University of Connecticut	86.0	Platinum	Storrs, CT
7	Stanford University	85.9	Platinum	Stanford, CA
8	State University of New York College of Environmental Science and Forestry	85.7	Platinum	Syracuse, NY
9	University of California, Merced	85.50	Platinum	Merced, CA
10	Université de Sherbrooke	85.48	Platinum	Sherbrooke, QC

UC Irvine student Estrella Ramos works in the Ants in Your Plants Arroyo Vista garden. Photo credit: Steve Zylus



Overall Average Scores



Luther College's Gateway Prairie. Photo credit: Annika Vande Krol



International Top Performers

New in this year's SCI, the International Top Performers list recognizes the top-scoring institution in every country with at least one STARS-rated institution.

Institution	Location	Country	Overall Score	# Reports per Country
University of California, Irvine	Irvine, CA	United States	88.59	279
Université de Sherbrooke	Sherbrooke, QC	Canada	85.48	37
National Taiwan Normal University	Taipei City	Taiwan	69.92	2
The American College of Greece	Athens	Greece	69.44	1
Universidad San Francisco de Quito	Quito	Ecuador	66.00	1
University of Sharjah	Sharjah	United Arab Emirates	65.78	2
National University of Ireland, Galway	Galway	Ireland	65.04	1
University of Queensland	Brisbane	Australia	61.37	3
DE LA SALLE LIPA	Lipa City	Philippines	61.37	1
Universidad de Monterrey	San Pedro Garza	Mexico	50.62	1
Mohammed VI Polytechnic University	Ben Guerir	Morocco	49.48	1
Universidade Aberta	Lisbon	Portugal	43.00	1

The Université de Sherbrooke campus. Courtesy of Université de Sherbrooke.



Institutional Highlights

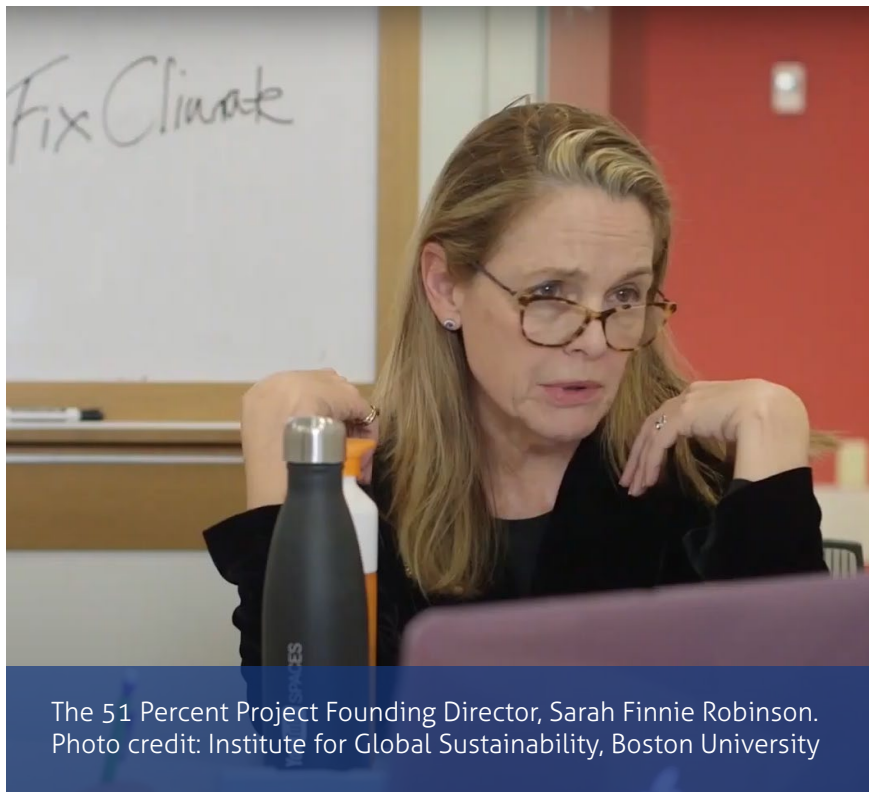
Innovative and high-impact projects, programs and initiatives from STARS reports submitted in 2021-2022.

Class at the O'Donohue Family Stanford Educational Farm. Courtesy of Stanford University.



Institutional Highlights

51 Percent Project - The [51 Percent Project](#) at [Boston University](#) is a data-driven communications initiative that identifies established peer-reviewed principles of climate change communication and makes them accessible to the general public. The project was initiated in 2019 in partnership with the BU College of Communication's Hothouse Productions, and is based at Boston University's Institute for Sustainable Energy. It develops comprehensive digital resources for content creators looking to inform and engage the public about climate change facts, risks, opportunities and solutions. The project reviews scholarly findings around climate change communication and translates it into practical guidance that anyone can use. The name "51 Percent" relates to 2018 climate change public opinion research from Yale University and George Mason University that found that 51% of respondents were "Alarmed" or "Concerned" about climate change.



The 51 Percent Project Founding Director, Sarah Finnie Robinson. Photo credit: Institute for Global Sustainability, Boston University

Learning Centre for Zero Energy/Emissions Buildings - The [Zero Energy/Emissions Buildings Learning Centre](#) (ZEBLC) at [British Columbia Institute of Technology](#) was launched in 2018 in support of the Province of British Columbia's recent commitments to achieve net-zero energy-ready buildings by 2032 through the BC Energy Step Code. The first of its kind in Canada, the ZEBLC was developed to provide hands-on training in zero energy buildings using an envelope-first approach. With three integrated zones, a two story teaching house for practice indoors, three dozen mock-ups and practice walls, the lab creates space for education that will elevate the state of practice of high performance buildings in BC. ZEBLC also launched an interactive Zero Energy Building exhibit in 2019 that visited various locations in Metropolitan Vancouver throughout 2021.



British Columbia Institute of Technology's Zero Energy/Emissions Buildings Learning Center.

Institutional Highlights

Social Justice and Diversity Vocational Fellowship - The [Social Justice and Diversity \(SJD\) Vocation Fellowship](#) at [Butler University](#) is a collaboration between the Center for Faith and Vocation, the Social Justice and Diversity core curriculum committee, the Career and Professional Success office, and the Office of the Provost. Originally funded as a grant from the Network for Vocation in Undergraduate Education, the faculty development workshop helps instructors adapt existing courses or create new courses that aligns with the college's SJD core curriculum student learning outcomes. Fellows meet six times a year in preparation to submit their course for SJD designation approval, providing deliverables like syllabi, assignments, teaching strategies, or other outcomes that demonstrate how vocational reflection opportunities are incorporated into the course.



Butler faculty and academic staff attend the SJDV Fellowship to learn how to incorporate ideas into curriculum.

Voluntary University Review of the UN Sustainable Development Goals - In a first for higher education institutions, [Carnegie Mellon University](#) completed a [Voluntary University Review \(VUR\)](#) in 2020 that focuses on how education, research and practice are aligned with the United Nations Sustainable Development Goals (SDGs). The VUR team developed a process to track current activities based on consultations, an analysis of courses and research publications, and a review of CMU information submitted to AASHE and other reports. The team reviewed nearly 3,000 courses, nearly 1,000 sustainability-related publications, CMU communications articles, other activities undertaken by university individuals; and mapped these to particular SDGs. The team also engaged directly with CMU students, faculty, and staff. A second VUR was published in November 2021.



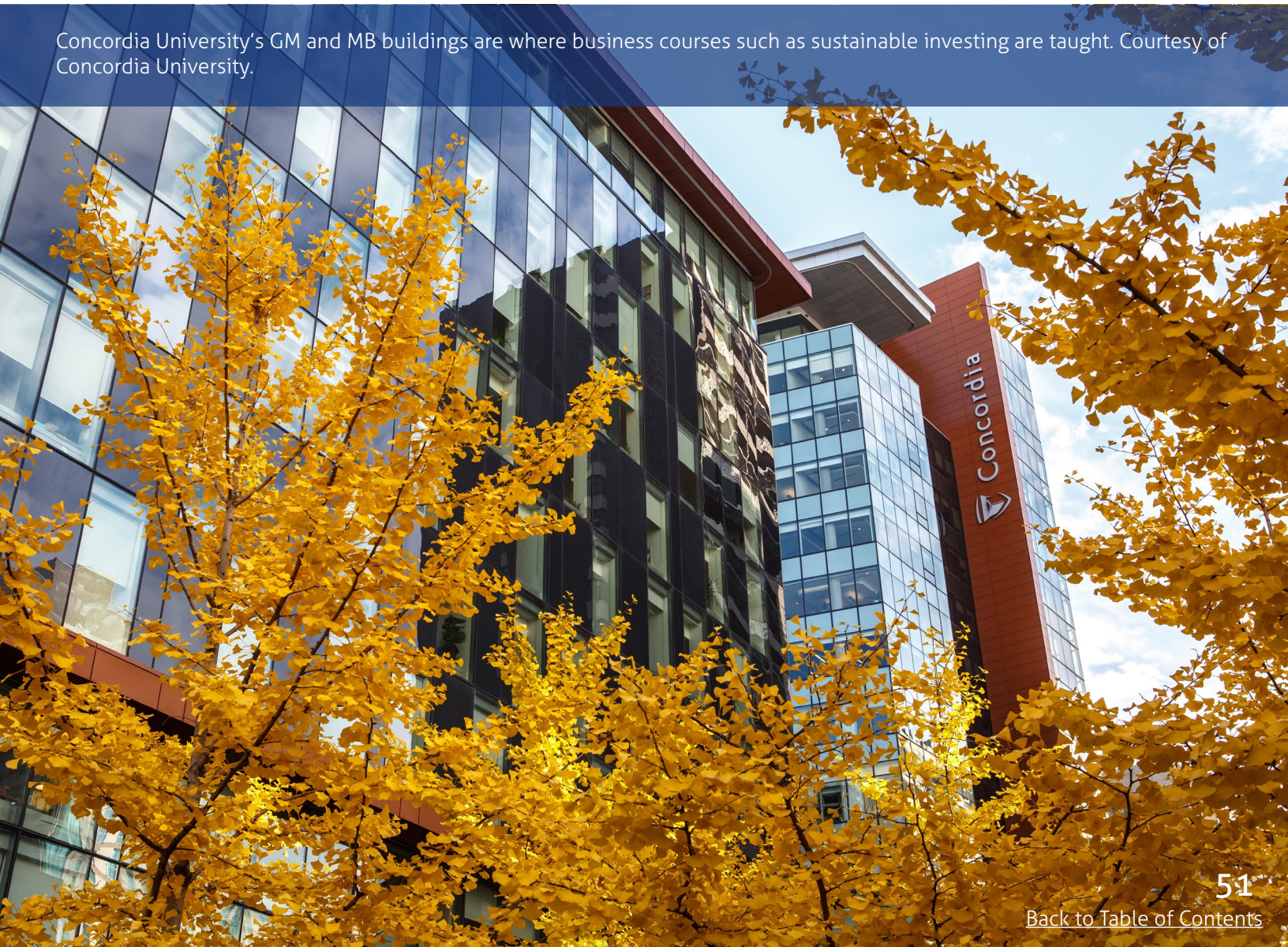
Students read about the UN Sustainable Development Goals at an exhibit in Carnegie Mellon's Cohon University Center.

Institutional Highlights

Sustainable Divestment - The [Concordia University](#) Foundation (CUF) has taken a number of steps to implement responsible and impact investment. These steps include becoming a signatory of the United Nations Principles for Responsible Investment (UNPRI) and filing its first UNPRI report; hiring five new portfolio managers that integrate environmental, social and governance (ESG) considerations into investment decisions; and converting from an equity emerging asset allocation to a ESG factored one. Concordia's positive sustainability investments range from thematic impact investments such as cleantech and timber and agriculture funds, to investments in companies with high environmental, social, and governance practices and considerations.

Social Justice in the Classroom - Starting with the class of 2024, [Connecticut College](#) students will be required to take at least two courses related to questions of social difference and power during their course of study at Connecticut College. In [Social Difference and Power](#) courses, students will learn about systemic forms of inequality and underlying structures of power and their disproportionate impact on underrepresented and/or marginalized peoples and communities, and will gain a deeper analysis of social identity and difference. Additionally, the [Agnes Gund '60 Dialogue Project](#) was established to train students, faculty and staff to engage in difficult conversations and respect diverse ideas and opinions. This program trained faculty and staff to use intergroup dialogue techniques in their classrooms.

Concordia University's GM and MB buildings are where business courses such as sustainable investing are taught. Courtesy of Concordia University.



Institutional Highlights

Cornell Climate Online Fellows Program - The [Climate Online Fellows program](#) at [Cornell University](#) was developed in 2020 to unite professionals and students within a global online community that is empowered to address climate change through tangible action and innovative solutions. For 14-weeks, about 35 fellows participate in a cohort to identify, discuss, implement, and assess greenhouse gas mitigation actions they take locally and/or within their social networks. Participants are committed to attending weekly conference calls, participating in online discussions, and conducting individual action projects. In addition, a massive open online course, or MOOC, version of the fellowship, "Network Climate Action: Scaling Up Your Impact" is offered.



Emmanuel Niyoyabikoze, right, founder of the Greening Burundi Project, is a participant in Cornell's Climate Online Fellow program.

Planetair+ÉTS (Applied Research) Portfolio

- In 2020, as part of the development of its carbon neutrality approach, [Ecole de Technologie Supérieure](#) partnered with offset supplier [Planetair](#) to develop the Planetair+ÉTS (Applied Research) Portfolio. This offset product offers carbon credits that meet the highest international standards (Gold Standard certified). In addition, Planetair donates an amount equivalent to 20% of the sales directly to the Climate Change ETS Research Fund. This contribution supports research projects in technologies for reducing and adapting to climate change, as well as in measurement and modeling. Through these actions, the Planetair+ÉTS Portfolio helps institutions neutralize GHG emissions in a real, additional and verifiable way, while also supporting university research on the fight against climate change.



Planetair ÉTS Portfolio (Applied Research)



The Planetair ÉTS product at Ecole de Technologie Supérieure.

Institutional Highlights

Facilities Management Habitat for Humanity Monthly Build Day Program - The Facilities Management staff at [Elon University](#) has contributed over 500 volunteer hours toward building nine affordable homes in Alamance County. Once a month, a small team of 6 to 10 staff from Facilities Management volunteers with Habitat for Humanity to support the construction of affordable homes in the surrounding community. Elon staff volunteers receive paid time through the university's volunteer leave program. In addition to the volunteer hours, Facilities Management staff bring their wealth of experience in construction and maintenance to the Habitat construction sites. Most importantly, the program has allowed staff from Facilities Management to interact with members of the local community. This interaction has fostered friendship and understanding and has helped create a culture of inclusivity within Facilities Management.

Sustainability AQIP - As a pathway toward institutional accreditation through the US Higher Learning Commission, [Johnson County Community College](#) developed and completed an Academic Quality Improvement Project (AQIP) focused on institution-wide sustainability in 2018-2019. AQIP participants gathered for a series of group and one-on-one meetings with Center for Sustainability leaders to help each understand how their units contributed to institutional sustainability successes and what each unit could implement to advance sustainability work on campus. AQIP participants identified a broad collection of potential advances, from simple changes in processes and procedures that were implemented quickly to long-term recommendations that will require a more gradual, long-term approach. This is the first known example of an Associate degree granting institution using campuswide sustainability work as a path toward institutional reaccreditation.

Johnson County Community College faculty and staff discussed new, interdisciplinary learning opportunities during the AQIP process. In one early project, students and volunteers developed an off-grid tiny house.



Institutional Highlights

Sustainability Scholarship - [Luther College](#) has created a Sustainability Scholarship of \$5,000 (\$1,250/year) to be offered to up to five incoming students who have demonstrated leadership in sustainability and are committed to working for a more just, equitable, and environmentally sustainable world. In the 2021-22 academic year, all four cohorts are in place for the first time. First year scholars focus on activities that orient them to the campus and natural areas. Sophomore scholars work together to plan a project or event that will make a meaningful sustainability impact on the campus or community. Junior scholars are involved with mentoring first year scholars. Senior scholars help with planning to improve the program, and with selecting future scholars from interviews and applications.



Luther College Biology Professor Molly McNicoll leads students in a hands-on learning exercise.

Sanctuary Initiative - The [University of Sanctuary initiative](#) at [National University of Ireland, Galway](#) aims to increase public awareness of international refugee protection, migration and nomadism, and increase participation of marginalized individuals in higher education. The University of Sanctuary campaign was officially launched at NUI Galway in 2018. The Steering Committee has since embedded the sanctuary ethos across campus with the aspiration of creating an inclusive, inviting and welcoming campus for all people. A [Deportation Position Statement](#) is posted on the NUI Galway website, and a University of Sanctuary [Scholarship Programme](#) was introduced for the 2019-2020 academic year.



National University of Ireland, Galway was recognized a Green Flag institution in 2019 on behalf of the International Foundation for Environmental Education.

Institutional Highlights

Seattle Promise College Tuition and Support Program

- [Seattle Promise](#) launched in 2018 to create more equitable higher education opportunities for Seattle public school graduates, and is available to Seattle public school graduates attending Seattle Colleges, including [North Seattle College](#), [Seattle Central College](#), and [South Seattle College](#). The program has three core components: 1) Free tuition at any of the Seattle Colleges for up to two years, 90 college credits or a student's first degree. 2) Equity scholarships, which provide flexible funding to students in need for books, transportation, housing, etc. 3) Student support and advising beginning in the junior year of high school and lasting through completion of a degree, certificate, credential or transfer to a four-year institution. All graduating seniors attending Seattle public high schools are eligible regardless of grade point average, income, ability, or country of birth.



North Seattle College students in a lab.

First Master Melittologist Program in the US -

[Oregon State University](#) is the first institution in the United States to form a Master Melittologist program of trained community scientists dedicated to preserving and cataloging native bees. Established in 2020, the Master Melittologist program intensively trains volunteers on the meticulous work of locating and cataloging the bees to help identify and preserve species-at-risk. The Master Melittologist program works with the [Oregon Bee Atlas](#), with OSU Extension Service, OSU colleges of agriculture and forestry, and the Oregon Department of Agriculture. In the last three years, volunteers have produced nearly 100,000 museum specimens of more than 500 native bee species documented visiting nearly 1500 native flowering plant species throughout Oregon's counties.



Field Training in the Siskiyou Mountains, Southern Oregon for the Master Melittologist program at Oregon State University. Photo credit: Andony Melathopoulos

Institutional Highlights

Sustainable Communities - In 2021, [Saint Joseph's College - ME](#) asked faculty to consider all courses through the lens of "sustainable communities" and the undergraduate school launched a new major, Leadership for Sustainable Development. In the graduate school, MBA students now culminate their studies with a capstone in Strategic Management of the Sustainable Enterprise.. In February 2022, the campus hosted [Maine Campuses Won't Wait](#) to kick off statewide campus collaboration in support of Maine's climate action plan. Currently, the Center for Sustainable Communities is assisting all Maine campuses in their asset mapping of sustainability programs and resources. The data collected serves as a roadmap for collectively moving forward to address the climate crisis. The Center provides ongoing technical assistance and support for participating campuses, including access to resources, ideas, expertise, and best practices.



Students learning in the field at Saint Joseph's College - ME.

Stanford Doerr School of Sustainability - [Stanford University](#)'s first new school in 70 years is launching in September 2022 to amplify Stanford's impact on urgent climate and sustainability challenges. The Stanford Doerr School of Sustainability merges and expands on existing Stanford organizations, including the School of Earth, Energy and Environmental Sciences (Stanford Earth), Stanford Woods Institute for the Environment, and the Precourt Institute for Energy. The department of civil and environmental engineering will also join the new school as a joint department with the School of Engineering. Joining these existing units are faculty from across the university and an anticipated 60 new faculty hires over the next ten years. The school is made possible through investments of \$1.1 billion from John and Ann Doerr, along with gifts from other philanthropists.



Luke Terra and Jorge Ramos talk to students at the O'Donohue Family Stanford Educational Farm. Photo credit: Andrew Broadhead

Institutional Highlights

El Solar Parking Lots Turned to Green Areas -

Previously a parking lot, El Solar at [Universidad de Monterrey](#) was recently transformed into a green space. For the design, the pedestrian flows were taken into account, resulting in four priority axes. El Solar includes grass esplanades for large social gatherings and vegetative spaces to promote species biodiversity. The project includes 807 native and adapted trees, ADA-accessible ramps, and a stepped fountain. Benches and tables were installed to invite the community to gather and use these new spaces. The El Solar green space has helped the institution meet its goals of reducing the number of parking spaces and increasing walkable areas.



El Solar after the intervention. Courtesy of Universidad de Monterrey.

Leader in LEED Platinum New Construction Certifications -

Three new buildings at [University of California, Irvine](#) received LEED Platinum certification in the 2020-2021 calendar year. The university currently has 32 [LEED New Construction certified buildings](#). Of these buildings, 21 are LEED Platinum and 11 are LEED Gold. The [Interdisciplinary Science and Engineering Building](#) is the most recently certified building and includes a pedestrian walkway, new bicycle path and plentiful bicycle racks. The roof area has a high solar reflectance index, meaning the “heat island effect” is reduced for the building and surrounding area. Indoor plumbing fixtures have been designed to reduce potable water use by more than 40% compared to the national Uniform Plumbing Code baseline, which equates to saving about 80,000 gallons per year.



UC Irvine's Interdisciplinary Science and Engineering Building received LEED Platinum certification in July 2021.

Institutional Highlights

Pop-Up People's Pantry - The Pop-Up People's Pantry at [University of California, Merced](#) is a free food pantry that pops up every Saturday. The pantry partners with Cropmobster Exchange, UC Merced's Bobcat Eats Food Waste Awareness and Prevention Program, and the 18th Street People's Garden. The Pop-Up People's Pantry is different from typical campus food pantries because it targets both students and community members in helping to reduce food insecurity and food waste in the Merced community. The pantry is not a formal building and is inexpensive and easy to set up, move and operate. Similar programs such as the [People's Garden](#) and [People's Fridge](#) also help to address food access and security issues for the campus community.



Contactless food box Deliveries at UC Merced.

Consortium for Hispanic-Serving Institutions - [University of Illinois Chicago](#) is leading a new consortium of 16 Hispanic-Serving Institutions with high research activity. The Crossing Latinidades Humanities Research Initiative ignites cross-institutional and cross-regional comparative research, training of doctoral students, and new scholarship in emerging areas of inquiry about Latinos. Funded by a grant from the Andrew W. Mellon Foundation, the initiative serves as the anchor of the consortium of R1 Hispanic Serving Institutions at the University of Illinois at Chicago. The consortium features four pilot collaborative working groups that are developing proposals of comparative research, scholarship, teaching and resource sharing built around the themes of material culture; language and identity; climate change and inequality, and poetry.



Consortium for Hispanic-Serving Institutions at University of Illinois Chicago.

Institutional Highlights

Systemwide SmartWay Affiliate - [University of Illinois, Urbana-Champaign](#) became the first institution to join the U.S. EPA's SmartWay® [Transportation Partnership](#), and, in 2020, the entire University of Illinois system began participating. The program provides a system for tracking, documenting, and sharing information about fuel use and freight emissions across supply chains. It helps organizations identify and select more efficient freight carriers and processes, and reduces freight transportation-related emissions by accelerating the use of advanced fuel-saving technologies. Since its launch in 2004, SmartWay has helped shippers and carriers save over 65 million barrels of oil, cut air pollution by over 28 million metric tons of carbon dioxide, and 22,000 tons of particulate matter.

Rooftop Urban Agriculture - The Office of Sustainability at [University of Massachusetts Lowell](#) has developed an innovative urban agriculture program in partnership with Mill City Grows, a local food justice non-profit organization. This partnership provides education to both the university and to residents of the City of Lowell about food production and sustainability. The Urban Agriculture Program operates around three campus growing sites: the 500 square foot Rist Green Roof, the 2,300 square foot O'Leary Rooftop Farm, and the Rist Urban Agriculture Greenhouse and Farm which features an 1800 square foot greenhouse. Recycled materials are used throughout the urban gardens, including old turf from UMass Lowell's athletic fields, recycled milk crates, and compost derived from UMass Lowell's dining operations.

UMass Lowell students harvest herbs from the Rist Green Roof at University Crossing. Photo credit: Pat Piasecki



Institutional Highlights

Electric bike program with the Regional Fitness Center - In 2020-2021, [University of Minnesota, Morris](#) worked with a local non-profit fitness center, Regional Fitness Center (RFC), to launch a new electric bike program intended to introduce the community to electric bikes as a potential fitness option, help Morris to become a more bikeable community, and spread awareness around the potential of batteries for energy storage. UMN Morris students are able to rent the electric bikes for free and community members can pay a small fee to rent them. The e-bikes have made a positive impact on the campus and community, and RFC has applied for additional grant opportunities to grow the program.



Electric bike collaboration between UMN Morris and Regional Fitness Center. Photo credit: UMN Morris

B Impact Clinic - Launched in 2019 by the [University of New Hampshire](#) Sustainability Institute, the B Impact Clinic gathers teams of undergraduate students from different areas of study to serve as consultants for regional companies conducting a [B Impact Assessment \(BIA\)](#). Students work in teams of three, each supported by a student peer mentor and a faculty or business community mentor. Students are matched with companies to help them complete the BIA, become B Corp certified, re-certified, or to simply understand how they perform. Since 2019, the B Impact Clinic has worked with over 20 clients, several of which have achieved B Corp certification or recertification. The program has engaged nearly 100 students since it began, with each student contributing over 60 hours in experiential learning.



UNH students at a site visit for the B Impact Clinic. Photo credit: Micky Bedell, University of New Hampshire

Institutional Highlights

Science and Technologies for Phosphorus Sustainability Center - The [Science and Technologies for Phosphorus Sustainability \(STEPS\) Center](#) was established to address the influx of phosphorus in oceans and expansion of coastal dead zones. Led by North Carolina State University, STEPS assembles leading researchers in the fields of phosphorus and sustainability from nine institutions nationwide, and is referenced in [University of North Carolina, Greensboro's](#) latest STARS report. At UNCG, researchers at the Joint School of Nanoscience and Nanoengineering (JSNN) are developing novel sensors for the detection of phosphorus in complex environments which will aid in its extraction and recovery in an effort to enhance the resilience of food systems and reduce environmental damage.



Dr. Sherine Obare, Dean of the Joint School of Nanoscience and Nanoengineering at UNCG.

Notre Dame Solar investment - In 2021, [University of Notre Dame](#) and Indiana Michigan Power held a ribbon cutting for St. Joseph Solar Farm, a 210-acre solar facility located about seven miles east of Notre Dame. Consisting of nearly 60,000 photovoltaic solar panels, the facility is able to generate 20 megawatts of renewable energy, or enough to power an average of 2,700 homes. University of Notre Dame has agreed to purchase 40 percent of that energy - equal to about 10 percent of the University's annual need for electricity - in the form of clean energy credits. For Notre Dame, it is the latest in a series of investments aimed at reaching carbon neutrality by 2050.



Aerial view of the Notre Dame St. Joseph Solar Farm. Photo credit: Barbara Johnston, University Photographer

Institutional Highlights

Sustainable Catering@Penn - A newly designed webpage at [University of Pennsylvania](#) provides search functionality for information about Penn's Preferred Contract Caterers. Through [Catering@Penn](#), users can now search for caterers based on cuisine and dietary preference (e.g. kosher, halal, vegetarian, vegan, gluten free, etc.) Users can also search for caterers based on diversity classification, environmental sustainability capabilities, and local/regional designations. The university has developed 4 tiers of capabilities for each supplier: Level 1: no straws, no styrofoam; Level 2: Level 1 plus recyclable wares, reusable wares, alternatives to box lunches; Level 3: Levels 1-2 plus 50% or more food sourced locally and fresh vs. frozen; Level 4: Levels 1-3 plus ability to compost event waste.

Richmond Spider Solar - With the launch of the Richmond Spider Solar in December 2020, [University of Richmond](#) became one of a handful of institutions in the United States that matches 100 percent of its electricity consumption with renewable energy. Spider Solar is a 20-megawatt facility that consists of 47,000 solar panels across 100 acres in central Virginia. The facility adds 41,000 megawatt-hours of carbon-free solar energy to the electrical grid annually, equivalent to the annual electricity use of 5,000 homes. The facility allows the University of Richmond to entirely eliminate Scope 2 emissions. Located about an hour from campus, Spider Solar was built and is operated by AES as part of a utility scale power purchase agreement.

Sustainable Catering at Penn. Photo credit: Kylie Cooper



Institutional Highlights

American Green Zone Alliance "Green Zone" Certification

- In 2021, [University of Southern California](#) became the first campus to be certified as a green zone by the American Green Zone Alliance (AGZA). A green zone is a defined area of land that is consistently maintained by battery-electric equipment. USC made the switch twelve years ago to eliminate gas-powered leaf blowers and other tools, and has developed innovative ideas over the years to maintain the quality of grounds work without sacrificing the health of the environment. USC has spent \$120,000 to switch to the best rechargeable electric equipment and has worked closely with AGZA in doing so, which led to this recent certification. AGZA estimates that this investment will lead to annual reductions of 89 tons of greenhouse gas emissions and 15 tons of smog-forming exhaust emissions.



Alejandro Benitez demonstrates the electric leaf blower now used on the USC Park Campus. Photo credit: USC Photo/Gus Ruelas

Collaboration to Test Energy Storage Batteries

- The Infrastructure Team at [University of Sydney](#) collaborated with a research spin-off, Gelion, as a part of a living lab initiative. Together the two parties designed, installed and now operate solar powered, illuminated benches using Gelion's energy storage battery. The benches were designed to help solve a problem for the Infrastructure Team - how to improve student safety in dark spots of the Camperdown/Darlington campus, particularly in parts of the campus without existing service to install lighting. Powered benches with USB and laptop charging capacity helped to solve this problem. This collaboration won the [AFR Higher Education Award](#).



Professor Thomas Maschmeyer demonstrating how the Gelion solar bench works. Photo credit: University of Sydney 2020

Institutional Highlights

St. Louis Anchor Action Network - The St. Louis Anchor Action Network (STLAAN) comprises organizations committed to reducing inequities through increased employment, health and wealth-building opportunities. The University of Missouri–St. Louis and Edward Jones provide leadership and staffing for the network, which includes eight additional founding member organizations. [Washington University in St. Louis](#) joined the network in 2019 and references STLAAN in its most recent STARS report. STLAAN’s initial goal is for member institutions to increase employment and spending in high-poverty areas with the aim of increasing the share of Black and brown employees in their workforces as well as expanding spending with businesses owned by people of color in those areas.



Diverse Business Training & Showcase Fair, St. Louis Anchor Action Network. Photo credit: Church Productions

Farmington Solar Project - The New England College Renewable Partnership (NECRP) is a consortium of five small New England liberal arts colleges - Smith, Amherst, Bowdoin, Hampshire, and Williams - and is highlighted in [Williams College](#)'s most recent STARS report. In fall 2021, NECRP began collectively buying 25 megawatts of electricity annually from the [Farmington Solar Project](#) - a third of the facility's total output - in order to reduce carbon emissions from campus electricity use. This agreement is the first-ever collaborative purchase of solar energy by higher education institutions in New England, and one of the first such collaborations in the United States. Williams' share of solar power from the Farmington project is equal to approximately 73 percent of the college's purchased electricity annually.



One part of the Farmington Solar Project in Farmington, ME. Photographer credit: NextEra Energy Resource.

Methodology

Top Performers

Top Performer scores are based on performance at the time of STARS report submission. All top performer data presented in this publication reference STARS Version 2.1 and 2.2 reports submitted between March 5, 2019 and March 4, 2022. Reports submitted after this date are eligible for inclusion in future publications.

Top performers in each impact area were determined based on the percentage of applicable points earned within the relevant subcategory. Because one of the goals of this publication is to provide guidance for prospective students, institutions with valid STARS reports that are no longer operating have been excluded from the lists. For institutions with multiple valid reports, only scores from the most recent reports were considered. Ten institutions were identified in each list except in cases where scores were tied. In such cases, more institutions were listed. For some impact areas, tiebreaks (+) were determined based on institutions' pursuit of [Exemplary Practice credits](#) related to that topic.

AASHE staff reviewed all credits within a respective impact area for top-performing institutions in an effort to ensure that content met credit criteria. Staff requested follow-up for any identified issues and most institutions addressed them through data revisions or clarifications. Institutions that did not address identified issues have been excluded from the lists.

Institution Type

For the section on Overall Top Performers by Institution Type, four classifications (definitions listed below) were adapted from the Carnegie Classification of Institutions of Higher Education®. These classifications are referenced under the STARS credit, PRE 3: Institutional Boundary. This credit is reviewed in all reports submitted for a rating for consistency with credit language. For U.S. institutions, we check for consistency with formal IPEDS classifications. For reports outside of the U.S., we check institutional academic program availability for alignment with the STARS Institution Type definitions, which are copied below:

- Associate Colleges - Institutions where all degrees are at the associate's level, or where baccalaureate degrees account for less than 10% of all degrees.
- Baccalaureate institutions - Colleges and universities where baccalaureate degrees represent at least 10% of all undergraduate degrees and where fewer than 50 master's degrees or 20 doctoral degrees are awarded annually.
- Master's institutions - Colleges and universities that award at least 50 master's degrees and fewer than 20 doctoral degrees annually.
- Doctoral Institutions - Institutions that awarded at least 20 research/scholarship doctoral degrees annually, including doctoral degrees that qualify recipients for entry into professional practice

Reports from institutions recognized on the Top 10 lists for each institution type were not subject to the same review process conducted for top-performing institutions by impact area largely due to constraints of reviewing so many reports in full. The STARS website includes further details about STARS data quality and reporting assurance.

Methodology

Institutional Highlights

The Institutional Highlights section recognizes recent projects and initiatives from institutions that submitted reports in the prior year (between March 8, 2021 and March 4, 2022 (previous submissions were considered in past SCIs). Highlights were selected by a team of AASHE staff based on level of innovation and overall impact in advancing sustainability, potential for replicability, and newness of the effort(s). Most highlights originate from responses under the optional Innovation and Points of Distinction credits.

Average Scores

Each section of the SCI includes graphs presenting average scores for all institutions, along with 2022 counts, by country and by institution type. Counts vary slightly between Impact areas due to credit pursuit and applicability. This content corresponds to the same timeframe that was used to identify top performers. Average scores from past years were included to allow for longitudinal comparisons and to highlight possible trends. For institutions that submitted multiple reports over this three-year period, only score information from their most recent, rated reports was included.

STARS of Data Accuracy

All STARS submissions receive a standard review by AASHE staff that covers approximately one-third of all STARS credits, and includes those credits that are most often misinterpreted (reports under a provisional Platinum rating receive a more comprehensive review). The institutions in this list are recognized for submitting reports between March 8, 2021 and March 4, 2022 with the fewest reviewed credits with issue(s) that required revision or clarification.

International Top Performers

The report with the highest score from each country with a published report is highlighted on this list. The timeframe for recognition is consistent with all Top Performer lists (reports submitted between March 5, 2019 and March 4, 2022).

The WindSTAR team at University of Massachusetts Lowell. WindSTAR is an NSF-funded industry/university cooperative Research Center for Wind Energy, Science, Technology and Research.



About STARS

STARS is a transparent, self-reporting framework for colleges and universities to measure their sustainability performance. It was developed by the Association for the Advancement of Sustainability in Higher Education (AASHE) with broad participation from the higher education community. STARS participants submit data to earn a Bronze, Silver, Gold or Platinum rating, or recognition as a STARS Reporter. The credits are organized into four categories: Academics, Engagement, Operations and Planning & Administration. As of March 2022, STARS reports were submitted by over 570 institutions in 20 countries, covering 49 US States, the District of Columbia and eight Canadian provinces. All reports can be accessed at stars.aashe.org.

Oregon State University Materials Management student staff person Alyssa Mannigel operates a box truck to collect recycling.



STARS of Data Accuracy

These institutions are recognized for submitting reports between March 2021 and March 2022 with the fewest data accuracy issues. We congratulate the STARS liaisons, data providers and others who work to provide high quality information through STARS.

Institution	Accuracy Rate	Rating	Location
Oregon State University	100.0%	Gold	Corvallis, OR
Portland State University	100.0%	Gold	Portland, OR
Villanova University	100.0%	Silver	Villanova, PA
Lehigh University	97.4%	Gold	Bethlehem, PA
Elon University	97.2%	Silver	Elon, NC
Pratt Institute	97.1%	Silver	Brooklyn, NY
University of California, Irvine	96.2%	Platinum	Irvine, CA
Luther College	95.5%	Gold	Decorah, IA
James Madison University	95.5%	Silver	Harrisonburg, VA
Gustavus Adolphus College	94.9%	Silver	Saint Peter, MN
University of New Hampshire	94.8%	Platinum	Durham, NH
West Chester University of Pennsylvania	94.4%	Silver	West Chester, PA

For Earth Day, UCI-Nature leads a group through the ecological preserve. Courtesy of University of California, Irvine.



STARS Ratings

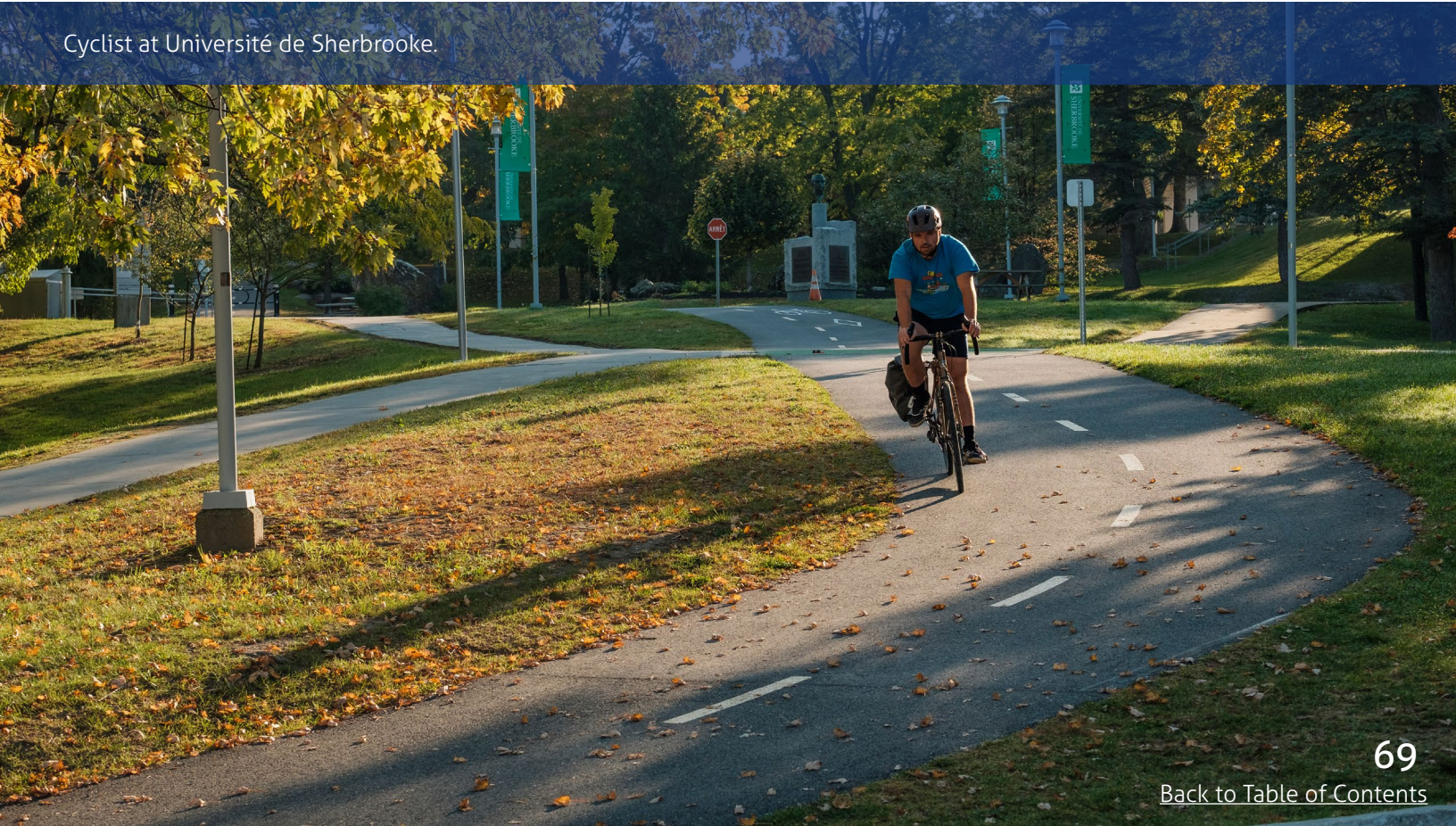
Institutions with valid reports submitted between March 5, 2019 and March 4, 2022, and published on June 1, 2022. Reports submitted or published after these dates will be recognized in future SCIs.

Platinum

Arizona State University
Colorado State University
Cornell University
Stanford University
State University of New York College of
Environmental Science and Forestry
Université de Sherbrooke
University of California, Berkeley
University of California, Irvine
University of California, Merced
University of Connecticut
University of New Hampshire



Cyclist at Université de Sherbrooke.



STARS Ratings

Gold

Agnes Scott College
American University
Appalachian State University
Bard College
Bates College
Bennington College
Binghamton University
Boston College
Bucknell University
Cal Poly Humboldt
California Polytechnic State University
California State University, Channel Islands
California State University, Chico
California State University, Northridge
California State University, Sacramento
California State University, San Marcos
Carleton University
Carnegie Mellon University
Central Michigan University
College of the Atlantic
Colorado College
Concordia University
Connecticut College
Dalhousie University
Dawson College
Dickinson College
Ecole de Technologie Superieure
Emory University
Fleming College
Florida Gulf Coast University
Furman University
George Mason University
George Washington University
Gonzaga University
Grand Valley State University
HEC Montréal
Humber College
Indiana University Bloomington
Indiana University-Purdue University
Indianapolis (IUPUI)
Iowa State University
Ithaca College
Keene State College
Lehigh University
Lewis & Clark College
Loyola Marymount University



The student-led Purple Carrot Farm at Bennington College.
Photo credit: Jullian Androkae

Loyola University Chicago
Luther College
Macalester College
Massachusetts Institute of Technology
McGill University
Miami University
Michigan State University
Mohawk College
National Taiwan Normal University

STARS Ratings

Gold

National Tsing Hua University
National University of Ireland, Galway
New York University
Northern Arizona University
Northland College
Northwestern University
Nova Scotia Community College
Oregon State University
Pennsylvania State University
Polytechnique Montréal
Portland State University
Princeton University
Rochester Institute of Technology
Saint Joseph's College - ME
Saint Mary's College of California
San Diego State University
San Jose State University
Santa Clara University
Seattle University
Skidmore College
Southwestern University
Sterling College (VT)
Stevens Institute of Technology
Texas A&M University
The American College of Greece
The University of Texas at Dallas
Unity College
Universidad San Francisco de Quito
Universite Laval
University of Alberta
University of Arkansas
University of California, Davis
University of California, Los Angeles
University of California, Riverside
University of California, San Diego
University of California, Santa Barbara
University of California, Santa Cruz
University of Cincinnati
University of Colorado Boulder
University of Colorado Colorado Springs
University of Dayton
University of Georgia
University of Guelph
University of Illinois, Urbana-Champaign
University of Louisville
University of Maryland, College Park
University of Massachusetts Amherst



Students and cyclists enjoying the University of Ottawa campus.
Photo credit: Bonnie Findlay

University of Massachusetts Lowell
University of Miami
University of Minnesota, Duluth
University of Minnesota, Morris
University of North Carolina at Chapel Hill
University of Notre Dame
University of Ontario Institute of Technology
University of Oregon
University of Ottawa

STARS Ratings

Gold

University of Pennsylvania
University of Pittsburgh
University of Richmond
University of San Diego
University of Sharjah
University of St. Thomas
University of Texas at Austin
University of Utah
University of Vermont
University of Victoria
University of Virginia
University of Washington, Bothell
University of Washington, Seattle
University of Wisconsin-Milwaukee
Vassar College
Virginia Commonwealth University
Virginia Tech
Warren Wilson College
Washington University in St. Louis



Western University
Williams College
Worcester Polytechnic Institute
Yale University

Students at University of Richmond.



STARS Ratings

Silver

American University of Sharjah
Auburn University
Ball State University
Barnard College
Bentley University
Black Hills State University
Boise State University
Boston University
British Columbia Institute of Technology
Brock University
Bryant University
Butler University
California State Polytechnic University, Pomona
California State University, Dominguez Hills
California State University, Long Beach
California State University, Los Angeles
California State University, Monterey Bay
California State University, San Bernardino
California State University, Stanislaus
Calvin University
Carleton College
Cascadia College
Central Community College
Central New Mexico Community College
Champlain College
City University of New York, John Jay College of Criminal Justice
Claremont McKenna College
Cleveland State University
Coastal Carolina University
College of Charleston
College of Lake County
Colorado School of Mines
Concordia College - Moorhead
Dallas College
DE LA SALLE LIPA
Duquesne University
Durham College
East Carolina University
Eastern Connecticut State University
Elon University
Endicott College
Evergreen State College, The
Florida Institute of Technology
Franklin W. Olin College of Engineering
George Brown College



Cascadia College student foraging in the campus food forest.
Photo credit: Bong Mangaser

Georgia Institute of Technology
Goshen College
Gustavus Adolphus College
Haverford College
Hobart and William Smith Colleges
Hope College
James Madison University
Johnson County Community College
Kenyon College

STARS Ratings

Silver

Knox College
Lafayette College
Lane Community College
Langara College
Lawrence University
Michigan Technological University
Mills College
Missouri State University
Mohammed VI Polytechnic University
Mount Royal University
North Seattle College
Northern Michigan University
Ohio University
Oklahoma State University
Pitzer College
Portland Community College
Pratt Institute
Prescott College
Principia College
Purchase College - State University of New York
Radford University
Raritan Valley Community College
Ryerson University
Saint Michael's College
Seattle Central College
Selkirk College
Seneca College
Slippery Rock University
Smith College
Sonoma State University
South Dakota State University
South Seattle College
Southern Illinois University Carbondale
State University of New York at Geneseo
State University of New York at Oswego
Susquehanna University
Swarthmore College
Syracuse University
Temple University
Tennessee Technological University
The New School
Universidad de Monterrey
Universite de Montreal
Universite du Quebec a Montreal
University of Alabama at Birmingham
University of Central Florida
University of Denver



South Seattle College student.

University of Florida
University of Houston
University of Idaho
University of Illinois Chicago
University of Kentucky
University of Louisiana at Lafayette
University of Maryland, Baltimore County
University of Massachusetts Dartmouth
University of Massachusetts Medical School

STARS Ratings

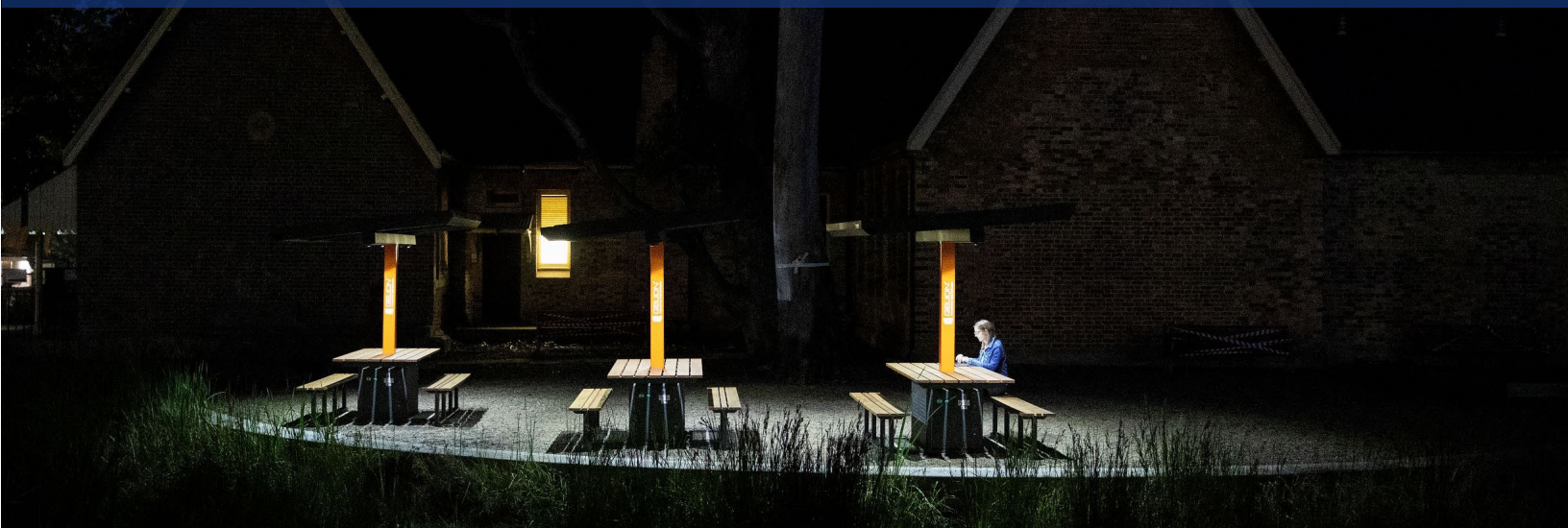
Silver

University of Montana
University of Mount Union
University of Nebraska - Lincoln
University of Nebraska at Omaha
University of New Brunswick, Fredericton
University of New Brunswick, Saint John
University of North Carolina, Greensboro
University of Queensland
University of Rochester
University of Saskatchewan
University of South Carolina
University of South Florida
University of Southern California
University of Sydney
University of Tasmania
University of Tennessee at Knoxville
University of Texas at San Antonio
University of the Pacific
University of Toronto Mississauga
University of Waterloo
University of Wisconsin-Green Bay
University of Wisconsin-Madison
University of Wisconsin-Oshkosh
University of Wisconsin-Platteville
University of Wisconsin-River Falls
University of Wisconsin-Stevens Point
Utah State University



Villanova University
Washington and Lee University
Wesleyan University
West Chester University of Pennsylvania
West Virginia University
Western Colorado University
Western Kentucky University
Western Technical College
Westminster College - Utah
Whitman College

Night shot of Gelion solar benches installed at University of Sydney. Photo credit: University of Sydney



STARS Ratings

Bronze

Austin College
California State University, East Bay
California State University, Fresno
Central Washington University
DePauw University
Drake University
Drexel University
Georgia College & State University
Hawaii Community College-Hilo
Houghton College
Indiana University South Bend
Kent State University
Lebanon Valley College
Lewis University
Marquette University
Messiah University
Metropolitan Community College
New Mexico State University
Nova Southeastern University
Paul Smith's College of Arts & Sciences
Penn State Erie, The Behrend College
Quinnipiac University
Siena Heights University
Southern New Hampshire University
State University of New York at Potsdam
Texas State University, San Marcos
Texas Tech University
The King's University
Trinity College (CT)
United World College-USA
Universidade Aberta
University of Alabama in Huntsville
University of Delaware
University of Hawaii at Manoa
University of Hawaii Maui College
University of Mississippi
University of Montevallo
University of New Haven
University of North Georgia
University of Wyoming



Students at Austin College install native Texas plants on campus for an environmental service project day.

STARS Ratings

Reporter

Albion College
Austin Peay State University
Case Western Reserve University
City University of New York, Brooklyn College
Clark University
Fort Lewis College
Instituto Tecnológico Metropolitano
Kalamazoo College
Northeastern University
Pace University
Randolph College
State University of New York Polytechnic
Institute
Tarlac Agricultural University
Universidad CES
Vanderbilt University
Wentworth Institute of Technology



Vanderbilt University FutureVU Expo. Photo credit: Chelsea Hamilton



About AASHE

AASHE empowers higher education faculty, administrators, staff and students to be effective change agents and drivers of sustainability innovation. We work with and for higher education to ensure that our world's future leaders are motivated and equipped to solve sustainability challenges. Visit aashe.org to learn more.

College of the Atlantic students spend a lot of time outside of the classroom. Courtesy of College of the Atlantic.



2022 Sustainable Campus Index

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