



STARS: Sustainability Tracking, Assessment and Rating System

Association for the Advancement of Sustainability in Higher Education



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Value Proposition



- ✦ AASHE empowers higher education faculty, administrators, staff and students to be *effective change agents and drivers* of sustainability innovation. AASHE enables members to translate information into action by offering essential *resources and professional development* to a diverse, engaged community of sustainability leaders. We work with and for higher education to ensure that our world's future leaders are motivated and equipped to solve sustainability challenges.

Sustainability, Tracking, Assessment and Rating System



- ✦ Program for post-secondary institutions.
- ✦ Enabling institutions to measure and benchmark sustainability in a broader context.
- ✦ Provides a platform to support continual improvement in sustainability.
- ✦ Institution achieves numerical score, and corresponding certification level (Platinum, Gold, Silver, Bronze or Reporter)
- ✦ Three year recertification cycle.

STARS 1.2/2.0 Categories




















- ✦ Education & Research (19 CR)
- ✦ Operations (23 CR)
- ✦ Planning, Admin and Engagement (25 CR)
- ✦ ~~~~~
- ✦ Academics (11 CR)
- ✦ Engagement (16 CR)
- ✦ Operations (28 CR)
- ✦ Planning and Admin (15 CR)



On-line Resources



Browse Topic List | Browse Content Types | [Submit a Resource](#)

 Curriculum	 Research	 Campus Engagement	 Public Engagement
 Air & Climate	 Buildings	 Energy	 Food & Dining
 Grounds	 Purchasing	 Transportation	 Waste
 Water	 Coordination & Planning	 Diversity & Affordability	 Investment & Finance
 Wellbeing & Work			

Resources



- ✦ Workshops, Webinars, Annual Conference
- ✦ Publications/eNewsletters
- ✦ Discussion Forums
- ✦ Social Networks
- ✦ Wiki, Blog

The King's University



Dalhousie University



NSCC



Strat Plan 2012, 'Now More Than Ever'



Sustainability – We commit to the continuous development of the social, economic, cultural and environmental sustainability of the College and our community partners.

Environmental Certifications



- ✦ LEED - Leadership in Energy and Environmental Design (LEED) Green Building Rating System™
 - ✦ Waterfront Campus, Harbour Wing, LEED Silver (2007)
 - ✦ Waterfront Campus, Woodside Wing, LEED Gold (2010)
 - ✦ Marconi Campus Trades Wing, LEED Silver (2011)
- ✦ BOMA BESt (Building Owners and Managers Association of Canada – Building Env. Standards)
 - ✦ All NSCC buildings have been certified using BOMA BESt

Steering Committee




- ✦ Facilities Manager, Academic Chair + 2
- ✦ VP Administrative Services, Executive Team Sponsor
- ✦ Committee members assigned credits to lead identification of champions and reporting
- ✦ Regular update meetings with Executive Team
- ✦ 2.0 submission – each credit aligned with an Executive's portfolio

Executive Team Is In!



CREDIT #	CREDIT TITLE	POSSIBLE POINTS	EXECUTIVE SPONSOR
AC Credit 1	Academic Courses	14	Roz
AC Credit 2	Learning Outcomes*	8	Roz
AC Credit 5	Immersive Experience	2	Roz
AC Credit 6	Sustainability Literacy Assessment	4	Anna

'Definition'



Sustainability is a broad concept encompassing interlinking dimensions of environmental responsibility, economic health, social equity and cultural vitality. As sustainability is not constricted by the 'ability to sustain', it calls for institutions to focus on creating sustainable futures that incorporate innovation, restoration and rejuvenation. At the heart lies the human element through which these dimensions interact and evolve. (Academic Planning, 2010)

Communication



- ✦ Much relevant activity occurring within departments and across 13 campuses
- ✦ No cross-college platform to capture activity allowing practices to be shared and enhanced

STARS Advancements



- ✦ 3-year 'Sustainability Goals and Action Plan'
- ✦ Teaching & Learning dialogues (program, across discipline)
- ✦ Facilities benchmarking of operations and collaborative dialogue
- ✦ Website presence

Web Presence

<http://www.nsc.ca/explorenscc/sustainability/>



“SUSTAINABILITY AT NSCC” VIDEO
“STARS and Pop Cans”



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Sustainability at NSCC

Stand up and take a bow.
NSCC achieves Gold in Sustainability

NSCC has become the third institution in Canada to be awarded the STARS Gold Rating in Sustainability. The Gold Rating is recognition of our commitment to creating a more sustainable environment, not only for our students and staff, but for all Nova Scotians. With an emphasis on sustainable building practices, environmental stewardship and collaborative learning, NSCC is committed to creating a greener future for Nova Scotia.

What is Sustainability?
Sustainability is meeting the needs of the current generation without compromising the ability of future generations to meet their own needs (Brundland, 1987). To maintain this balance NSCC works to promote the three main pillars of sustainability: Economic Sustainability, Environmental Conservation and Social Sustainability.

To learn about how the components are related view the [Pillars of Sustainability diagram](#) (1.1 MB)

3 Pillars of sustainability

Was this page helpful?
Yes No Don't Know

<https://www.youtube.com/watch?v=Tg6cZUQr99I>

Curriculum Commitment




- ✦ Sustainability Program-level Learning Outcome
 - ✦ School of Trades & Technology:
 - ✦ “Apply sustainable practices that support economic, social, cultural and environmental stewardship.”
- ✦ Enabling Learning Activities
 - ✦ Stewardship focus; curriculum mapping
- ✦ Learning Activities = culture building / Literacy

The Journey Continues ...



- ✦ Awareness, Knowledge, Attitude, Skills, Practice
- ✦ New Student Orientation
- ✦ New Staff Orientation/On-boarding
- ✦ Food Provider Contracting
- ✦ Travel Carbons Tracking
- ✦ Sustainability in Applied Research Tracking
- ✦ Community/Service Learning Tracking

UNESCO Guiding Beacon Bonn 2004



Learning for Work, Citizenship and Sustainability “... since education is considered the key to effective development strategies, technical and vocational education and training must be the master key that can alleviate poverty, promote peace, conserve the environment, improve quality of life for all and help achieve sustainable development ...”