

CSSP TOWN HALL

CAMPUS STRATEGIC SUSTAINABILITY PLAN UPDATE

THOMPSON RIVERS UNIVERSITY | 14 MAY 2019



TERRITORIAL ACKNOWLEDGEMENT

TRU's Kamloops campus is situated on the traditional lands of the Tk'emlúps te Secwépemc within Secwépemc'ulucw, the traditional territory of the Secwépemc people.

Agenda

- 1.** Overview
- 2.** What we have done – Celebrating our achievements
- 3.** Where to from here – Understanding your perspectives
- 4.** Informal dialogues

OVERVIEW

CAMPUS STRATEGIC SUSTAINABILITY PLAN
MAY 2019



2014 CSSP Framework

GOALS



Operations & Planning

Our commitment to sustainability is evident in how we develop, operate, and maintain our campuses and regional centers.



Advocacy & Engagement

The TRU community are sustainability ambassadors on and off campus.



Learning

TRU is a recognized as a leading academic institution for advancing sustainability education and research.



Administration

Sustainability is a core value in our institutional / administrative framework.

THEMES



Design & Construction



Building Energy & Air Quality



Campus Grounds



Transportation



Waste



Water



Dining Services & Food



IT & Print Shop Services



Purchasing



Internal Advocacy



External Advocacy



Curriculum



Research



Governance



Human Resources



Investment

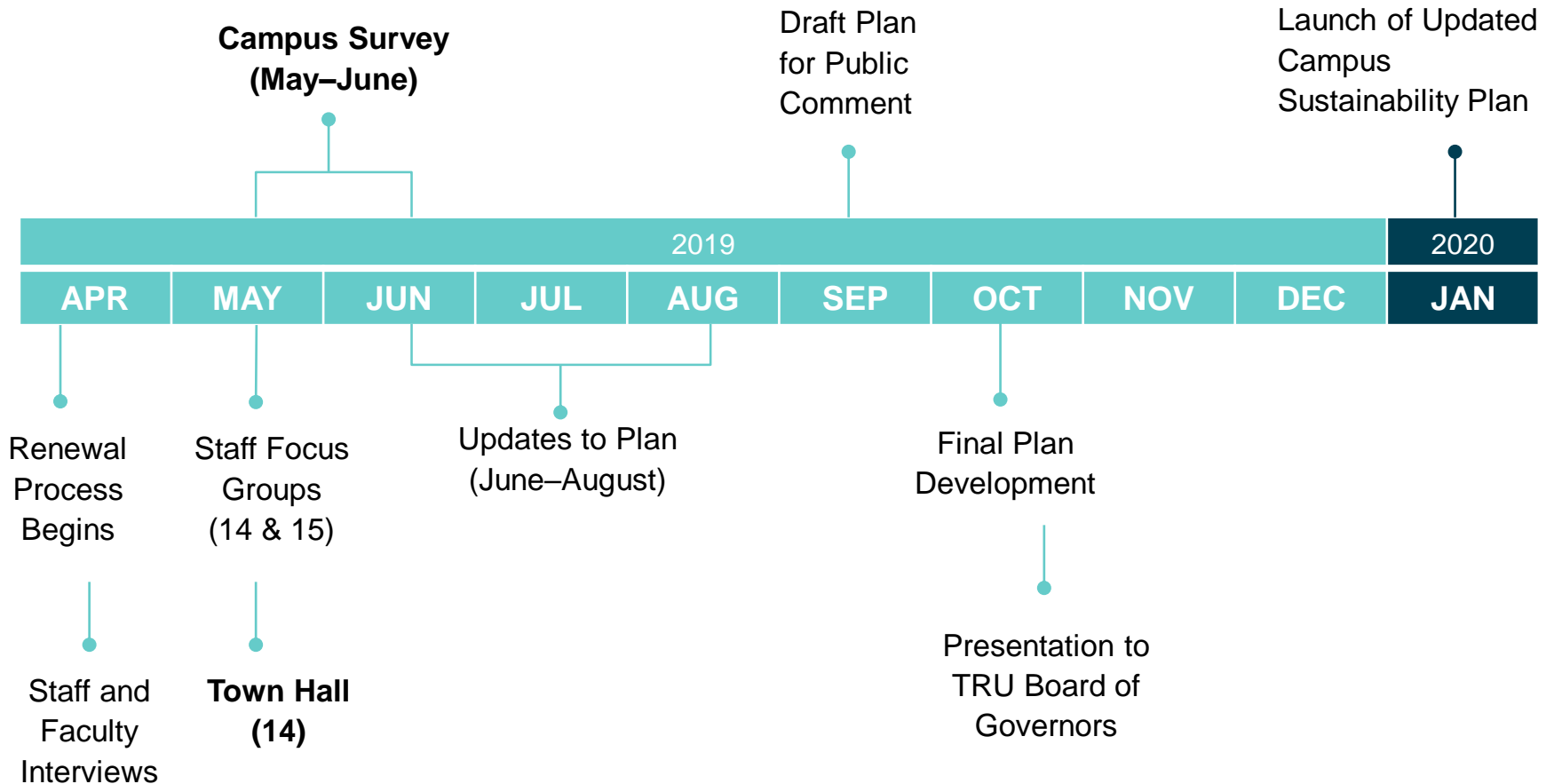


Monitoring & Communication



Diversity & Access

Process & Timeline



Townhall Objectives

- Summary of sustainability-related actions taken on campus since 2014
- Identify the most important campus sustainability issues today
- Identify desired actions that should be incorporated into the updated 2020 Campus Strategy Sustainability Plan

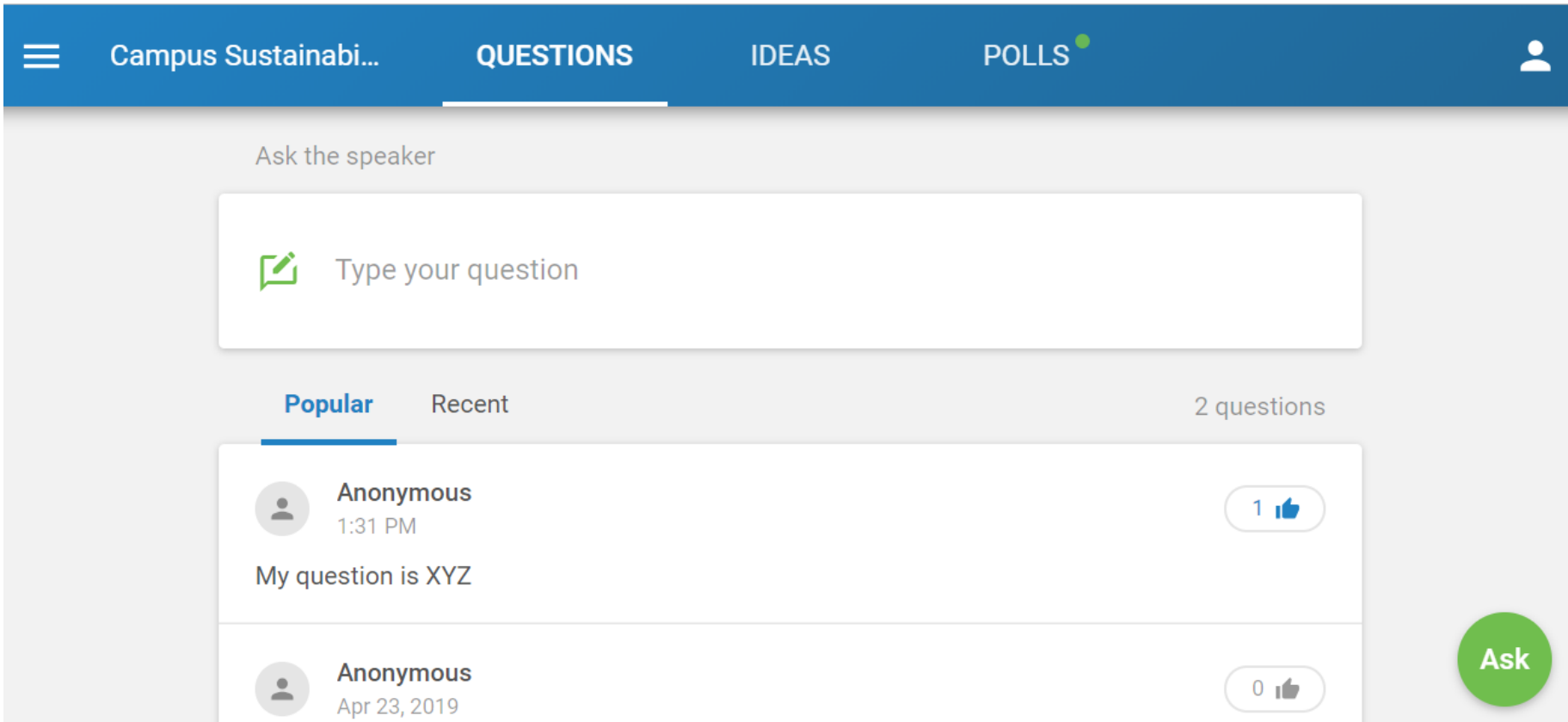
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Slido Orientation





Campus Sustainabi... **QUESTIONS** IDEAS POLLS 



Ask the speaker

 Type your question

Popular Recent 2 questions

 **Anonymous**
1:31 PM 1 

My question is XYZ

 **Anonymous**
Apr 23, 2019 0 

Ask

SLIDO QUESTION #1

Identify the categories that best describes you.

SLIDO QUESTION #2

How important is it to you that sustainability be identified as a core value for TRU and that TRU continues to be seen as a sustainability leader amongst higher education institutions?

Celebrating Our Achievements

2018 STARS Platinum award

Recognized as the highest-rated university in the world under the Association for the Advancement of Sustainability in Higher Education's global Sustainability Tracking, Assessment and Rating System (STARS).



Our Sustainability Journey:

A history of continual improvement



The Sustainability Tracking, Assessment & Rating System

(STARS) is a transparent, self-reporting framework for colleges and universities to measure their sustainability performance.

OPERATIONS

Energy & Air Quality

Using more renewable energy; using less energy overall

2014 Objectives

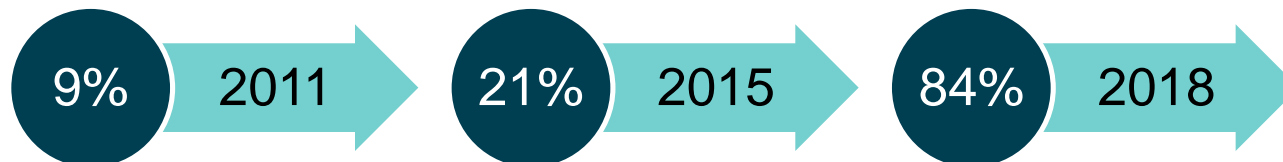
- 1 Increase energy coming from local, clean, and renewable sources
- 2 Reduce energy consumption and GHG emissions
- 3 Maintain high quality indoor environments for staff, students, and faculty

Progress Achieved

- Retrofits completed on almost all buildings to achieve energy conservation
- Solar energy installations
- Hired full-time energy specialist
- Reduced the most energy of any BC institution over past 4 years

Key Statistics

- 35% reduction in GHG emissions since 2010, exceeding 2020 target
- 665 MMBtu of on-site solar energy installed



Waste

Diverting waste from landfill; using less materials overall

2014 Objectives

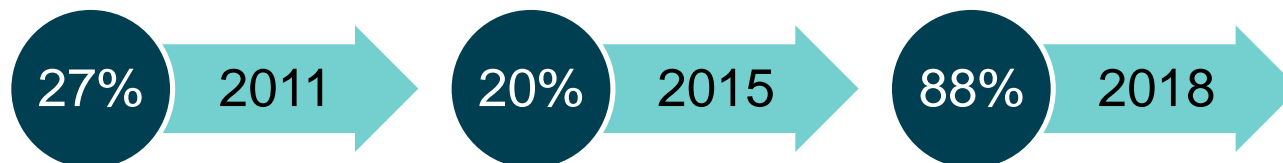
- 1 Move toward becoming a zero waste campus
- 2 Reduce overall waste generation on campus
- 3 Safely manage all hazardous wastes

Progress Achieved

- 500+ zero waste containers installed
- All campus events and functions are zero waste
- Electronic collection bins installed across campus

Key Statistics

- Waste diversion rate rose to 61% in 2017
- Annual waste generated is 522 tonnes



Water

Reducing and reusing water on campus

2014 Objectives

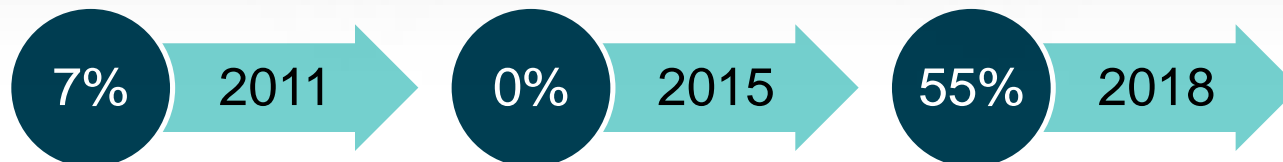
- 1 Use less treated potable water on campus
- 2 Harvest and reuse rainwater
- 3 Ensure all wastewater is treated before discharge

Progress Achieved

- Buildings water assessments completed using 2017 data
- Target set in 2018 of 29% water consumption reduction over 2017 baseline

Key Statistics

- Annual cost of water at TRU is \$180,000



Dining Services & Food

Offering healthy food choices; sourcing food locally and ethically

2014 Objectives

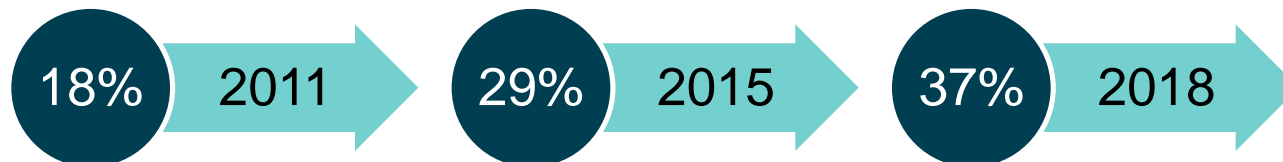
- 1 Support opportunities to grow food on a small scale on campus
- 2 Support options for healthy and sustainable food choices for on-campus dining and catering

Progress Achieved

- On-site 'urban cultivator' used to grow herbs and salad greens
- Vegan dining program
- All food packaging is compostable or bio-degradable
- Straw-free campus

Key Statistics

- 18% of food served is third-party verified or locally sourced
- 100% of food waste is composted in-house



Where do we go from here?

What should the priorities for Operations be over the next five years?



Photo

Can we achieve carbon neutrality?

Can we source more food locally?

Can we make progress on water conservation?

PLANNING

Design & Construction

Creating healthy and sustainable new buildings on campus

2014 Objectives

- 1 Campus buildings are designed using sustainable design best practices
- 2 Negative impacts from construction are reduced
- 3 The campus is a complete destination where people can live, work, learn, and play

Progress Achieved

- All new buildings must meet LEED Gold standard
- ITTC and NPH buildings are designed to be solar-ready
- ITTC electric heating system shared with Trades building – 10% GHG reduction

Key Statistics

- Two campus buildings were previously certified to LEED standard

15%

2011

44%

2015

40%

2018

Campus Grounds

Maintaining an attractive campus environment while protecting nature

2014 Objectives

- 1 Natural landscapes are planned and maintained with the health of the local ecology in mind
- 2 Hard landscapes (e.g. walkways) are planned and maintained to reduce environmental impacts and to facilitate social interaction

Progress Achieved

- Integrated Pest Management principles used to reduce pesticide / herbicide use
- Non-toxic ice melting products are used in the winter

Key Statistics

- Total grounds managed are 165 acres
- Three at-risk species inhabit TRU property

92%

2011

92%

2015

85%

2018

Transportation

Promoting active and alternative transportation choices

2014 Objectives

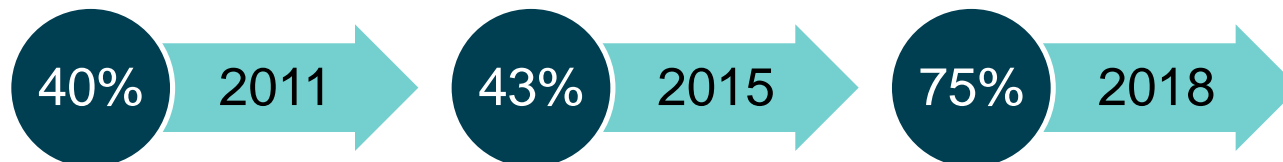
- 1 The need to travel by personal vehicle is reduced
- 2 Traveling to and from campus by transit is viable and convenient
- 3 Campus is pedestrian and cyclist friendly
- 4 Operations vehicles and equipment use clean fuels

Progress Achieved

- BC Transit U-PASS provided to all students
- TRU RideShare and Zipcar programs implemented
- 8 electric vehicles introduced to operations fleet
- Bike share and bike purchase programs introduced

Key Statistics

- 33% increase in transit use resulting in 30% reduction in single-occupancy vehicle trips
- 8 electric vehicle chargers are located on campus



Where do we go from here?

What should the priorities for Planning be over the next five years?



How can we improve transit accessibility?

What would make the campus more pedestrian and cyclist friendly?

How can we protect and restore natural species on campus?

ADVOCACY & ENGAGEMENT

Internal Advocacy

Building a culture of sustainability at TRU

2014 Objectives

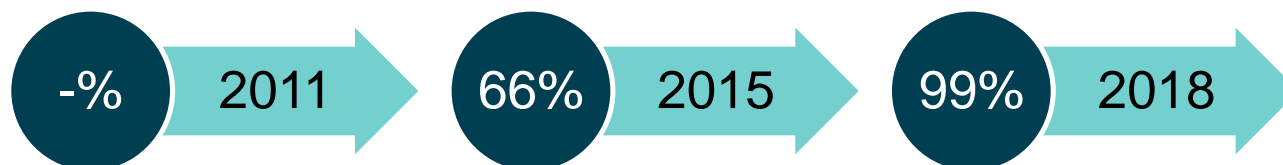
- 1 Leaders, faculty, staff, and students actively seek and integrate sustainability learning into their personal lives and with the TRU community

Progress Achieved

- Introduced Sustainability Ambassador Program
- Introduced Sustainability Grant Fund
- I-Days and professional development days held on United Nations Sustainable Development Goals

Key Statistics

- \$100,000 per year available through Sustainability Grant Fund



External Advocacy

Making an impact on our community

2014 Objectives

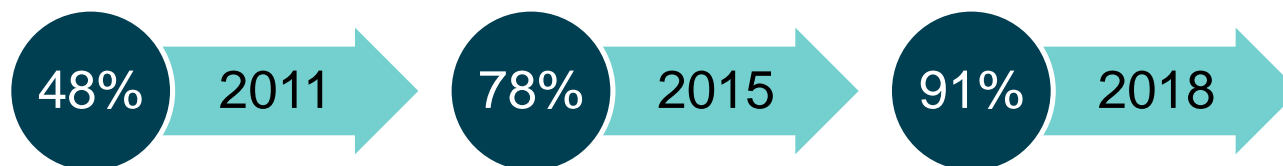
- 1 Leaders, faculty, staff, and students actively advance sustainability initiatives and learning beyond TRU campus in the broader Kamloops community

Progress Achieved

- Informal support for student volunteering
- Major campus events including David Suzuki: Beyond Climate film event raised more than \$12,000 for local non-profits
- Ongoing partnerships with City of Kamloops (e.g. United Way)

Key Statistics

- 48% of students reported volunteering in some capacity in 2018
- On average, each student volunteers 30.74 hours per year
- 10% of students are indigenous



Where do we go from here?

What should the priorities for Advocacy be over the next five years?



Should there be a mandatory” town and gown” - student/community volunteer program ?

As TRU is located in the unceded, traditional territory of the Tk’emlups Secwepemc – Please share your thoughts on the types of initiatives or partnerships you would like to see

LEARNING

Curriculum

Teaching students to be the sustainability leaders of tomorrow

2014 Objectives

- 1 TRU research community is engaged in wide-spread, multi-disciplinary research on sustainability topics

Progress Achieved

- Leadership in Environmental Sustainability certificate introduced
- Began tracking / monitoring of all courses
- Introduced new courses and programs with sustainability focus (e.g. Master in Environmental Economics)

Key Statistics

- 25% of TRU courses include sustainability content

46%

2011

86%

2015

94%

2018

Research

Contributing to global knowledge of sustainability issues

2014 Objectives

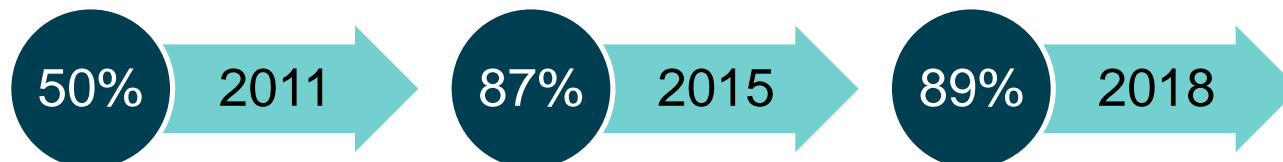
- 1 TRU research community is engaged in wide-spread, multi-disciplinary research on sustainability topics

Progress Achieved

- Sustainability Research Grants for Students and Faculty introduced
- Voluntary open access policy
- Ground-breaking sustainability research by TRU faculty (e.g. Lauchlan Fraser rejuvenated land research)

Key Statistics

- 41% of faculty conduct research related to sustainability
- Student Research Grant valued at \$5,000 per year



Where do we go from here?

What should the priorities for Learning be over the next five years?



Should we have a mandatory introductory Sustainability course?

How can we utilize our campus as a 'living lab'?

ADMINISTRATION

Governance

Setting clear standards and responsibilities to manage progress

2014 Objectives

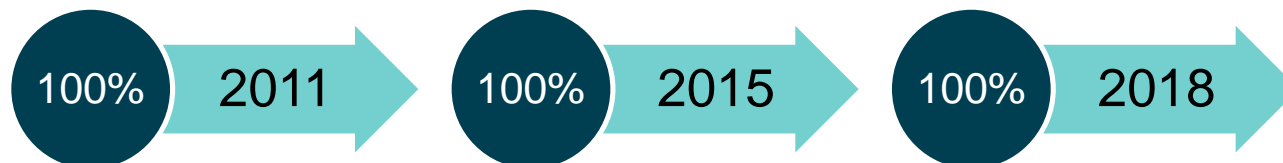
- 1 Sustainability is a core and integrated component of TRU's governance framework

Progress Achieved

- Environmental Advisory Committee reports to the TRU Senate and Board of Directors
- Staff, faculty, and students involved in all campus planning
- External stakeholders involved in capital planning

Key Statistics

- 2 students serve on the Environmental Advisory Committee
- 4 students serve on the Senate



Human Resources

Treating our staff fairly and equitably; keeping staff safe on the job

2014 Objectives

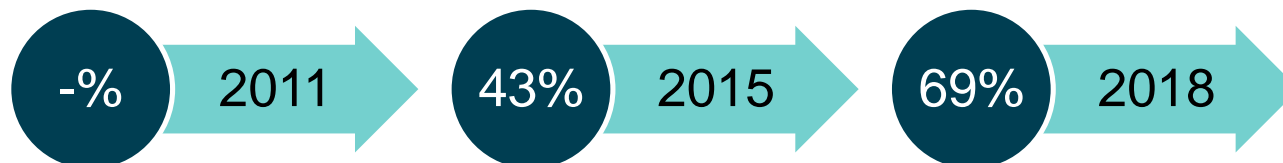
- 1 Sustainability requirements are embedded in TRU human resources programs and policies

Progress Achieved

- 100% of full-time employees earn a living wage
- First-ever employee engagement survey completed in December 2017

Key Statistics

- 1,269 full-time employees as of 2017
- Living wage in Kamloops is \$17.31/hr
- 0.55 injuries per 100 full-time employees as of 2016 (56% reduction over 2010)



Investment

Using our money for good

2014 Objectives

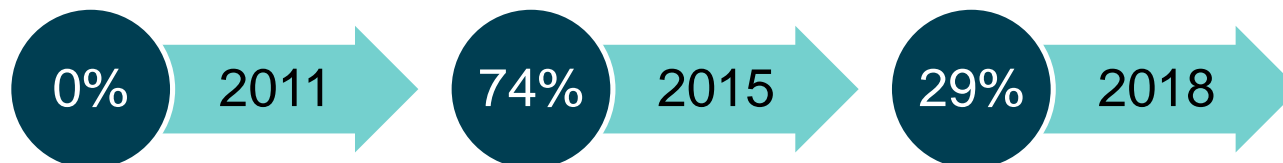
- 1 TRU endowment investments are managed in alignment with socially responsible investment (SRI) principles

Progress Achieved

- Adopted UN Principles for Responsible Investing
- Staff, faculty, and students added to the Investment committee
- All investments are publicly disclosed

Key Statistics

- TRU investments currently valued at \$74M



Communications & Monitoring

Being transparent in reporting on our progress

2014 Objectives

- 1 Sustainability performance and initiatives are recorded, monitored, and communicated regularly

Progress Achieved

- TRU is committed to regularly disclosing performance data through the STARS program
- TRU Sustainability Office webpage hosts relevant content

Key Statistics

- TRU recognized as the highest-ranked university in the world on AASHE STARS ranking

N/A

2011

N/A

2015

N/A

2018

Diversity & Access

Creating a campus that is welcoming and accessible to all

2014 Objectives

- 1 TRU is a diverse and accessible community

Progress Achieved

- Tuition fees continue to be below the average cost in British Columbia
- International student population is increasing
- Distance education student population is increasing

Key Statistics

- Tuition was \$5,346 per year in 2017/2018
- International students are 19.7% of the campus population

100%

2011

81%

2015

95%

2018

Where do we go from here?

What should the priorities for Administration be over the next five years?



Do you feel that TRU is financially accessible?

What is the best way to keep you informed on progress made?

How should the diversity of our campus reflected in coursework and campus events?

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SLIDO QUESTION #3

Where do we go from here?

Identify what you see as our 3 biggest sustainability issues and what you would like to see us do about it in the next 5 years.

DISCUSS at table for 10min

CONTRIBUTE initial thoughts in the IDEAS TAB

VOTE for ideas till 5pm

CLOSING

Thank You!

- Submit your name to be entered into the prize draw
- Complete the online survey
- Stick around for open dialogue & keep voting
- Draft of the 2020 Campus Strategic Sustainability Plan will be posted on the Sustainability Office website in September

1. COMPLETE THE SURVEY
(in the back of the room)

2. POST AND VOTE FOR IDEAS!

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