

Sustainability Update to the Board March, 2018



Sustainability is at our core.

Milestones

- President signed onto ACUPCC in 2006
- Sustainability Leadership Council formed in 2006
- Students developed The Green Initiative Fund in 2008
- Climate Action Plans in 2009, updated in 2013
- Co-founded Greater Portland Sustainability Education Network in 2013
- STARS Silver in 2013, 2017 (currently third among community colleges)
- National awards received in 2015, 2016, 2017



Sustainability Leadership Council



Briar Schoon, Tony Ichsan, Sandra Fowler-Hill | Portland Community College | March, 2018



We're all in this together.

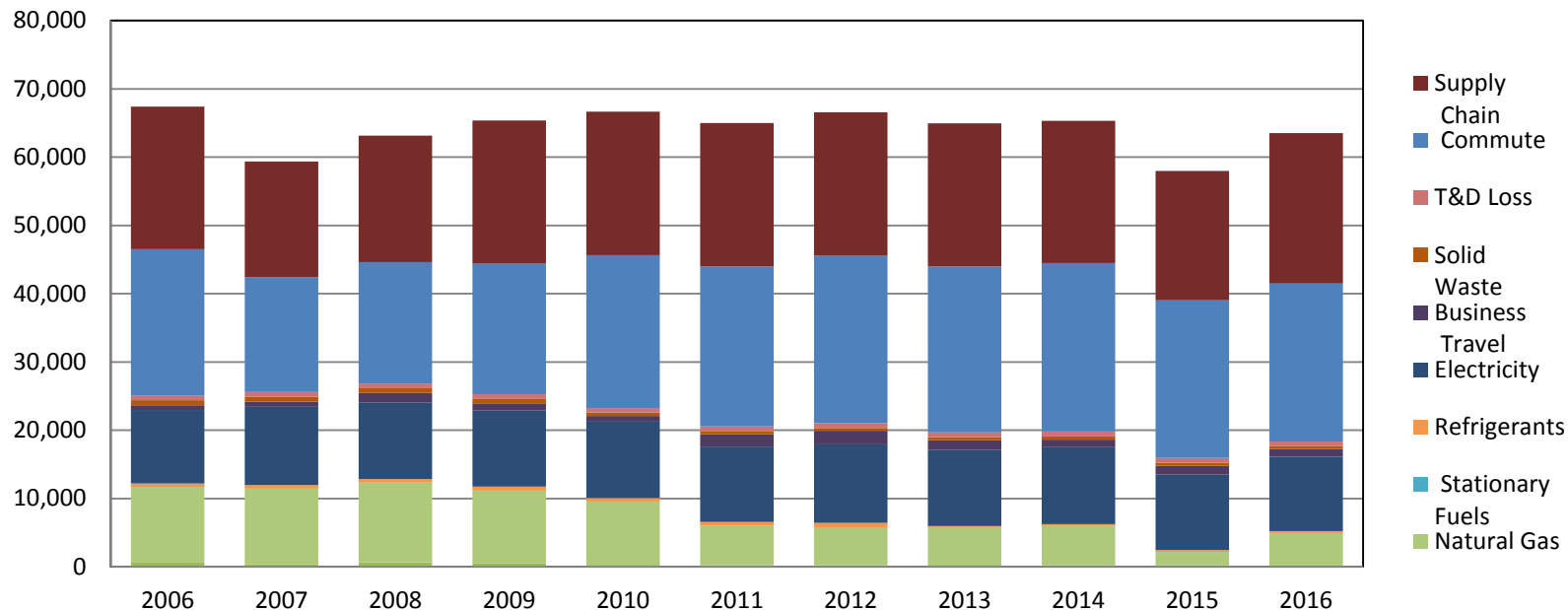
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Greenhouse Gas Emissions Update

- Total emissions ↓ 7%
- Scope I & II emissions ↓ 30%

GHG Inventory - MT CO₂e by Year



PCC Climate Action Plan Update — July 2017



GHG Savings

Since 2006, Portland Community College have reduced total greenhouse gas emissions by 7%.



Energy Consumption

Efficiency and conservation efforts for the college have resulted in a 65% reduction in energy use per square foot since 2006.



Solar

Three solar systems have produced over 4 million kwh of electricity, diverting over 1,500 tons of CO₂e from entering the atmosphere.



Green Building

PCC hosts green building efforts including: 9 LEED projects, a net zero building, advanced storm water systems, and a green roof.



Compost & Recycling

With over 400,000 lbs composted and 6.7 million lbs recycled since 2012, solid waste contributes to less than 1% of PCC's greenhouse gas footprint.



Water

Water-fill stations throughout the district have diverted over 3 million water bottles from the landfill.



Learning Gardens

The college has four learning gardens, which collectively harvest over 15,000 lbs of produce and clock upwards of 2,000 student volunteer hours each year.

Transportation

With alternative transportation options including inter-campus shuttles and bike rental programs, half of our students, faculty, and staff use more sustainable modes to get to PCC.

Operations

Green cleaning and integrated pest management efforts have resulted in over 80% reduction in chemical purchases within FMS.

Dining Services

Over 32% of Food Services' food purchases have sustainable attributes, including: local, organic, fair trade, and vegan/vegetarian-friendly.

TGIF Projects

Over \$900,000 have been spent on student-funded sustainability projects through the Green Initiative Fund.

Sustainability Courses

The college now has over 100 courses with a focus on sustainability or environmental topics.

STARS Ranking

PCC reports to the Sustainability Tracking, Assessment & Rating System and currently has a STARS Silver rating.

We're all in this together.



pcc.edu/sustain



Scope I & II (Energy)

- PCC is in its third year participating in the Energy Trust of Oregon's Strategic Energy Management program
- Recent updates include control upgrades and replacing the Building 7 chiller at Rock Creek with projected savings of \$92,000
- Joined PGE's Clean Wind Program



Scope IIIa (Transportation)

- Hired an Active Transportation Coordinator
- Received a Metro Regional Travel Grant for \$191,000 funding a two-year project to take the bike rental program district-wide and launch an individualized marketing program
- The shuttle fleet has added two new low-emission vehicles



Scope IIIb (Operations, Waste & Consumption)

- College became Bee Campus USA (4th in the nation!) & Tree Campus USA certified
- Updated waste and recycling signage as well as educational resources
- Dining Services piloted durable plates in catering



Education

- Sustainability course offerings continue to grow (100+ courses) & Focus Award recipients increased each year
- Sustainability & Curriculum Council (SPARC) hosted annual trainings with a focus on social justice and healthy communities
- Learning Gardens program continues to expand with Cascade next up



Outreach

- Developed the Student Sustainability Hub online - one stop shop for all student resources on sustainability
- Earth Week hosted 50+ events annually
- 30+ presentations at local, national and international conferences

Student Sustainability Hub

We're all in this together

Explore sustainability, build community, and strengthen your skills with the Student Sustainability Hub. Our programs are designed for students who want to create positive change on campus and beyond. Choose your own adventure and thrive!



- Calendar
- Events
- Volunteer
- Classes
- Jobs
- Clubs
- Resources



Washington & Oregon Higher Education Sustainability Conference (WOHESC)

- Co-founded and co-sponsored regional higher education sustainability conference this year!
- 30+ PCC attendees, multiple presentations and executive plenary featuring President Mitsui



Student Leadership

- The Green Initiative Fund has provided over \$1 million in student funding for sustainability projects to-date
- Students championed the college divestment effort
- Student Leadership collaborated on Eco-Social Justice events district-wide



Global Impact

- PCC signed onto the We Are Still In commitment, joining 2,500+ government, tribal, business and higher ed leaders committed to the Paris Climate Treaty
- We traveled to Bonn, Germany to represent higher education at the U.S. Climate Action Center during COP23
- Hosted the 2017 GPSEN Sustainability Symposium with focus on UN Sustainable Development Goals



Recognition & Awards

- 2016 APPA Award for Excellence in Sustainability
- 2017 Climate Leadership Award from Second Nature and the US Green Building Council
- Recognized in the 2017 AASHE Sustainable Campus Index as a top performer among community colleges
- Initiatives covered by media 20+ times



Upcoming Initiatives & Continued Areas of Focus

- Earth Week 2018
- Durables in catering
- Cascade learning garden
- Paper and personal printer reduction
- Develop standard procedures for B-707
- Updating Climate Action Plan

