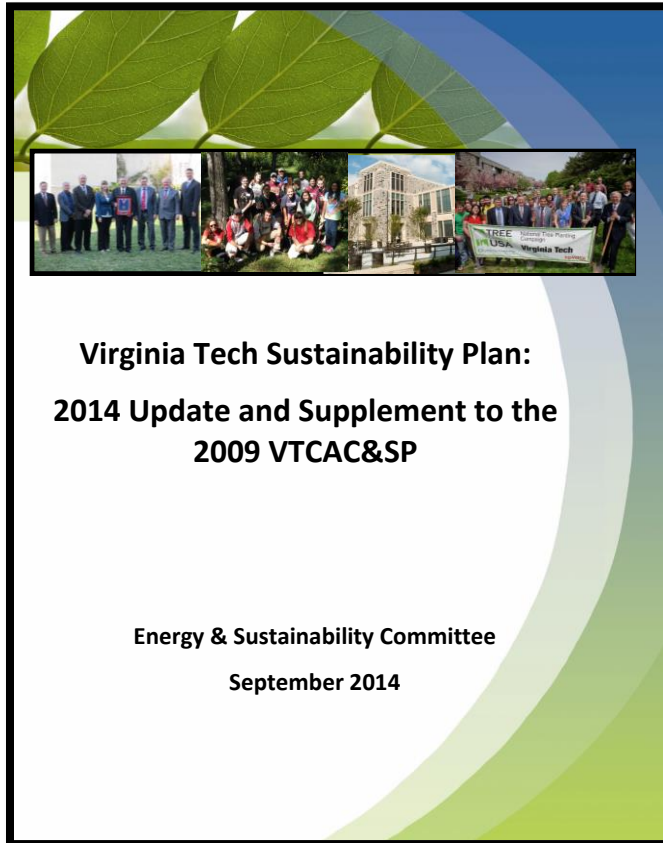




Virginia Tech
2015
SUSTAINABILITY
Annual Report



Sustainability Annual Report per

Presidential Policy Memorandum No. 262 Rev 1
“Update to the VT Climate Action Commitment”

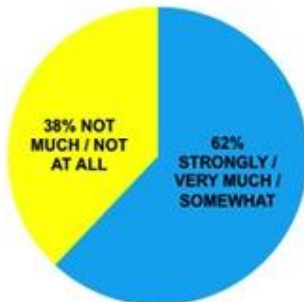
Key Points:

1. Statement of Virginia Tech’s Climate Action Commitment **specific to the university**
2. Action plan to **achieve the goals of commitment**
3. Action plan to **enhance** sustainability **programs & culture**
4. 2014 Update and Supplement embraces **AASHE STARS Program** as the management tool to track our progress.

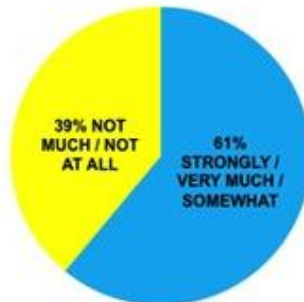
We Care

If you (your child) had a way to compare colleges based on their commitment to environmental issues (from academic offerings to practices concerning energy use, recycling, etc.), how much would this contribute to your (your child's) decision to apply to or attend a school?

Students



Parents



“Colleges train the next generation of leaders who will ultimately be responsible for putting green ideas into practice. By infusing **sustainability principles** into every aspect of higher education, there is a new priority for a whole generation of leaders, educated and trained, to make a greener world now.”

Princeton Review's Guide to 332 Green Colleges, 2014

5-year ENERGY ACTION PLAN

5-Year Energy Action Plan (FY2016-FY2021) Purpose:

- Achieve significant reductions in **utility cost**
- Comply with **state mandates** for energy use reduction
- Support VT **Climate Action Commitment and Sustainability** plan

Plan Concentrates on *52 “Energy Hog”* buildings and *Seven Program Areas*:

- **Electric Demand**
- **Energy & Water Audits**
- **Retrofit Projects**
- **Re-Commissioning**
- **Metering Infrastructure**
- **Analytics Software Tools**
- **Plant Upgrades**



Estimated savings of approximately ***\$4.5 million over 5 years***

Virginia Tech's STARS Rating

- Past STARS Silver Ratings was 63.30 points.
- A STARS Gold Rating requires achieving 65 points.
- VT successfully achieved a **GOLD Rating in fall 2014**

Bragging Rights

- VT in the **top 10%** of over **300** reporting universities.
- The **Second highest score** by any university **in the Commonwealth** of Virginia.
- Score is the **4th highest among universities in the Atlantic Coast Conference.**



Virginia Tech
Score: 71.02

21 LEED registered projects (1,440,254 GSF):

- Ten projects are LEED Certified (5 Gold, 4 Silver, and 1 Certified)
- Three projects are completed and awaiting certification.
- Four projects are under construction.
- Four projects are in design.

Human and Agricultural Biosciences Building I

(93,860 GSF)

Certified GOLD 4/17/2015



2015 COMPLETED PROJECTS AWAITING LEED CERTIFICATION

Goodwin Hall

154,935 GSF

(SILVER possibly GOLD)



Davidson Hall Chemistry Building Renovation

44,845 GSF

(anticipate SILVER)



Oak Lane, Phase IV

20,508 GSF

(anticipate SILVER)



2015 SUSTAINABILITY EVENTS

Join us for **RECYCLEMANIA!**
February 16th - March 4th

A Really, Really, Free Market! (Google It)

2015 RECYCLE MANIA TOURNAMENT

SCAVENGER HUNT!

PRIZES!

Sustainability Week
September 14-21, 2014

Celebrate. Educate. Motivate.

www.sustainableblacksburg.org

Sustainable BLACKSBURG

VirginiaTech
Invent the Future

TOWN OF Blacksburg
a special place



TURN DOWN FOR WATT

RESIDENCE HALL ENERGY CONSERVATION COMPETITION!

Oct. 20 – Nov. 14

Light bulbs and a green parrot wearing a crown and sunglasses.



Participated in over 15 events

SUSTAINABILITY ANNUAL REPORT

SUSTAINABILITY PROGRAMS



18 Student Interns



600 took Sustainability Graduation Pledge

3 new Zero Waste Events



Office of Energy and Sustainability

Gold
2015-2017

Green Office Certification

VirginiaTech
Invent the Future

Green Office Certification
Of 13 Departments

SUSTAINABILITY ANNUAL REPORT

The purpose is to direct financial resources to ***Student Driven Sustainability Initiatives*** to promote sustainability at Virginia Tech.

- Since AY 2011 - **32 student proposals** totaling more than **\$320,000**.
- For AY 2015 - **5 student proposals** totaling more than **\$111,000**.
- Proposals are selected that **support the Climate Action Commitment**.



Water Bottle Refill Station in Litton-Reaves Hall

SUSTAINABILITY AWARDS IN 2014-2015



National Association of College and University Food Services Sustainability Award for Outreach & Education Category

THE PRINCETON REVIEW's **Guide to 353 GREEN COLLEGES**

TOP 50 GREEN COLLEGES
With an overall commitment to sustainability
Vital Stats On Over 300 More

IN-DEPTH INTERVIEWS WITH SCHOOLS ON:
Green Careers and Majors
Becoming a Carbon Neutral Campus
Student Leaders in Sustainability

WELCOME TO THE GREEN ECONOMY
Why sustainability on campus matters to your career

**Princeton Review
Fifth Consecutive Year**

The image shows the cover of the Princeton Review's Guide to 353 Green Colleges 2015. The cover features a woman in a field and a list of key features. A circular logo in the top right corner reads 'THE PRINCETON REVIEW 2015 GUIDE TO GREEN SCHOOLS'.

Governor's Environmental Excellence Award for Advancing Sustainability through Student Engagement

SUSTAINABILITY ANNUAL REPORT

Governor's Environmental Excellence Award

Bragging Rights

- Virginia Tech received a 2015 Governor's Environmental Excellence **"Bronze" Award** for "Advancing Sustainability through Student Engagement."
- 8 awards were presented at 2015 Environment Virginia Symposium and **Virginia Tech was the only college or university recipient.**
- This is the **6th time** in the past **8 years** that Virginia Tech has received this award for our Sustainability Program.

QUESTIONS OR COMMENTS?



President Sands presenting award to winning Residence Hall for Energy Competition