



Creighton  
UNIVERSITY

# Timeline of Environmental Sustainability at Creighton

An Ongoing Record  
Initially Prepared by PACS  
Working Group 2

# Overview

- Programs & Events
- Curriculum & Department Impacts
- Influences, key changes and/or events
- Organization & Council Impacts
- PR Opportunities
- Industry and Conference Engagements
- Further Research Opportunities
- Sodexo Discussions
- Tabled or discontinued Programs and Recommendations



# Timeline: Dashboard

## Program & Events

*Inspired by Sustainability Council*

1995



2002



2005



2008



2009



2010



Recycling begins.

Energy Awareness Committee

Energy Siestas.

Gifford Park community garden on Creighton land begins.

Single-stream recycling begins (Harper) & recycling bins placed in residence hall rooms.

Johnson Controls: Sustainability Navigator.

Dining halls go tray-less.



MetrO! Rideshare program

First "Sustainability Day" in October.

First recognition as Tree Campus USA .

The council was told that the University has incorporated sustainability into the strategic plan.

Electric vehicles added to Facilities fleet.

Habitat ReStore collection event on campus.

Energy Star commitment.

Single-stream recycling came to Boyne on March 17.

Bottle filling station added to water fountain in KFC.

First Arbor Day celebration, including Tree of the Year contest.

Computer-controlled irrigation system installed.

Vend-misers installed on Pepsi machines.

Creighton was awarded \$10,000 worth of trees through the Arbor Day Foundation and Toyota through Tree Campus USA.

Recyclemania (2010- 2015).

ZipCar station installed on campus. ( total of 4 stations).

First Greenhouse Gas Emissions inventory.

Beginning of "Green Bag lunches" cohosted by SCSJ/Facilities.

Ignatian Garden created (\$30 fee and selected using lottery process & fee has not increased).

Alternative energy; Photovoltaic array, windspires and PV installed on CU campus.

2011



Fair Trade University application begins.

Plans for more alternative energy installations.

Unwanted bikes are fixed and sold as a part of Earth Day.

"Taxi Service" (JayRides) to provide a more efficient after hour's alternative to the bigger shuttles.

Bike shop talks begins.

2012

First St. Francis celebration.

1st year of OneShirt challenge.

Beginning of planning for bike trail through campus.

First water-bottle filling station installed.

Introduction of Pepsi's Dream Machine recycling program.

2013



Beginning of Wenninghoff CSA (community sponsored agriculture) program (2013-2016) weekly bags of fresh produce delivered to the Creighton campus for an 18-week program.

Participated in pilot program for residence hall move out ( 2013-present and donated up to 80K lbs. to Goodwill).



2014



Purchasing's Guidance on beverage purchasing highlights sustainability concerns, including a sentence on "University funds should not be used to purchase bottled water for internal use."

First Spirit of St. Francis Award (2014 - present).

Development of Mission Statement for Sustainability Council. Go to [http://www.creighton.edu/fileadmin/user/sustainability/docs/Sustainability\\_Council\\_Mission\\_Statement\\_01.pdf](http://www.creighton.edu/fileadmin/user/sustainability/docs/Sustainability_Council_Mission_Statement_01.pdf).

2015

Jays Dig Deep (formerly Green Thumbs) formed.

EV Charging stations installed (2 stations).

"Do Your Part" energy curtailment project with Verdis Group. OPPD charges "demand charges" based on the highest demand in the summer and the winter. Active in the summer.

2016

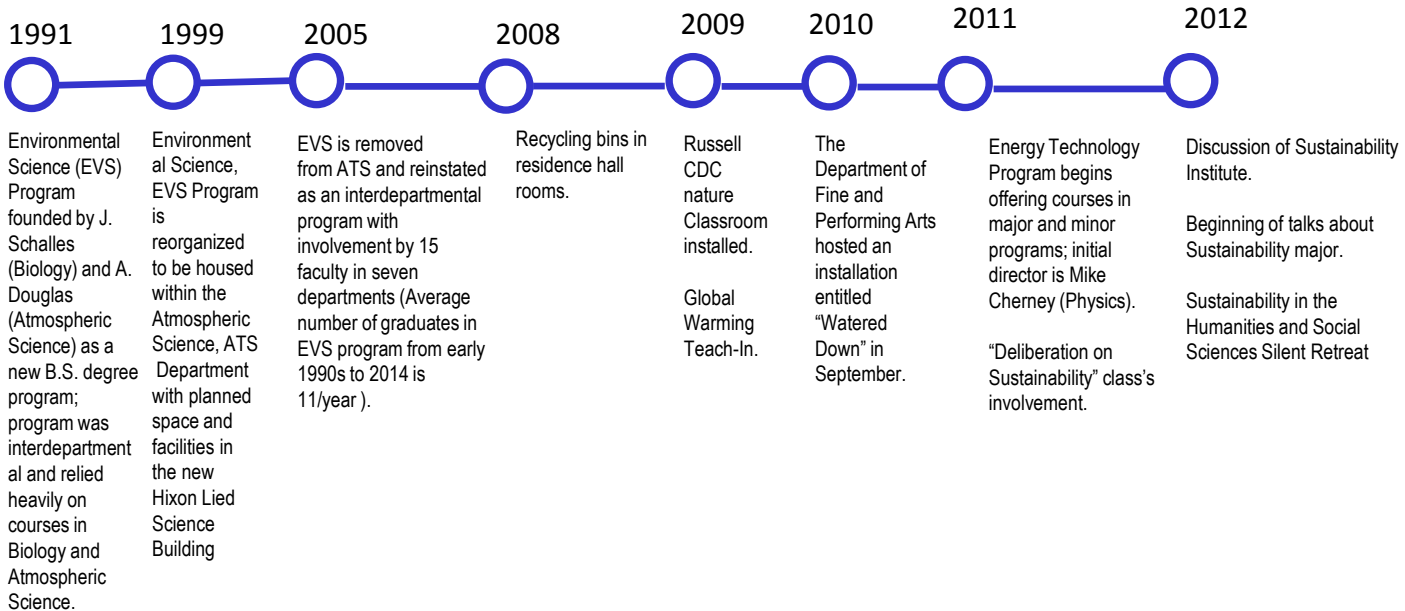
EnergiPlant inducted onto CU campus as alternative energy ( solar power+ integrated wind turbine, production 200W) located behind Eppley.



Timeline: Dashboard

Curriculum & Department  
Impacts

*Inspired by Sustainability Council*



2013



Masters in Public Health program begins.

Environmental Health Course begins (offered in Fall semester).

2014



Sustainability Studies program approved by curriculum committee.

2015



Sustainability Studies Program begins accepting students, major and minor program, interdepartmental.

2016



Creighton has a comprehensive set of environmental, academic programs (Environmental Science, Energy Technology and Sustainability Studies); directors, respectively, are Mary Ann Vinton (Biology), Larry Hopp (Physics) and Jay Leighter (Communication Studies); strategic planning is ongoing to coordinate efforts and enhance marketing and recruitment.





# Timeline: Dashboard

Influences, Key Changes  
and/or Events

2000



**Fr. Schlegel** (JPS) becomes president of Creighton.

2008



**Lennis** said that planning and design of the Ryan Athletics Center and campus rec center is inclusive of **LEED (Leadership in Energy & Environmental Design)** requirements. The building will not be certified but it will be certifiable.

2009



**Ken Reed-Bouley** asked the Council to consider **adding a stronger emphasis in the scope and definition of sustainability** to include a stronger statement about social justice.

Fr. Schlegel signs ACUPCC (American College and University President's Climate Commitment).

2010



**Fr. Schlegel drives Prius.**

2011



**JPS retires.**  
Fr. Lannon (TPL) becomes president of Creighton.

2013



**Lennis Pederson retires** from Facilities Management.

Fr. Lannon **signs** St. Francis Pledge.

Discussion on whether committee **should be a presidential** committee

2014



Atmospheric Science Department is **eliminated** and one remaining faculty member moved to Physics Department.  
TPL retires.

2015



**Fr. Hendrickson** becomes president of Creighton.

Fran Angeroth **retires** from Facilities Management.

Chris Bradberry **interim** president.

2016



Joe Zaborowski **retires** as Director of Purchasing.

PACS is (Presidential Advisory Committee on Sustainability) **formed.**

The university has **saved** approximately \$1,000,000 on utilities over last year.

Ed O'Connor **leaves**; Tom Murray interim provost.

# Timeline: Dashboard

## Organization & Council Impacts

*Inspired by Sustainability Council*

1995

2003

2008

2009

2011

2012

2014

2015

2016



**Waste reduction** advisory committee.

**Energy Awareness** Committee suggests sensors, etc.,

**Employee** that went around and turned off lights, space heaters, etc.,

Sustainability **website** developed (Not currently CU branded)

**Sustainability Coordinator** created (2016 position to be activated).

Sustainability Council **founded**.

**Purchasing policy** on Sustainability.

**First work study** for Sustainability (in Facilities).

**Sustainability Policy** drafted by Sustainability Council.

A **sub-committee** of the Council has been **established** to develop a program for parking all electric cars on campus.

**Sustainability logo** designed. Presentation made to **Staff Advisory Council** about sustainability.

**E-Commerce** (CUBuyPlus) begins to streamline purchasing and reduce paper usage. Facilities offers \$500 **sustainability grants**: Erin Gross bought composters for her green chemistry class and now located in the Ignatian Gardens.

**Utility and Energy Master Plan: funding** \$250K with Phase I complete.

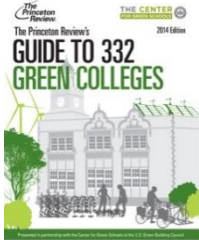
Discussions about **producing biodiesel** on campus (now part of Energy Technology program).

**Recycling video** internally produced by Done by MarCom. Starring Rick Davis and Hunter Allen, student. Refer to **YouTube** to view current content: <https://www.youtube.com/watch?v=oBo58tNfa8w> Recommend an update.

**Sustainability brochure** developed.

Development of **Mission Statement** for Sustainability Council. **Go to** [http://www.cruighton.edu/fiadmin/user/sustainability/docs/Sustainability\\_Council\\_Mission\\_Statement.pdf](http://www.cruighton.edu/fiadmin/user/sustainability/docs/Sustainability_Council_Mission_Statement.pdf)

Sustainability included as part of **Examen process**



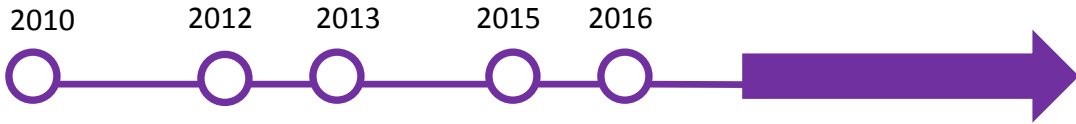
# Timeline: Dashboard

## PR Opportunities



*Inspired by Sustainability Council*





2010

First Sustainability Report Card (now Princeton Review).  
Creighton becomes Energy Star Partner.

2012

Discussion of submitting an application to the Sustainability Institute Nomination.

2013

Creighton wins Heartland Commuter Challenge (metro challenge for businesses to compete on alternative commuting ).

Awarded tree Camp USA Award.

2015

Excellence in Procurement Award.

2016

The City of Lincoln's "Mayor's Committee on International Friendship" is hosting an international (Wanted to talk to Creighton as an example of a religious-based institution. Delegation from Creighton met with delegation from several countries, including the Netherlands, the Vatican, China, and more).

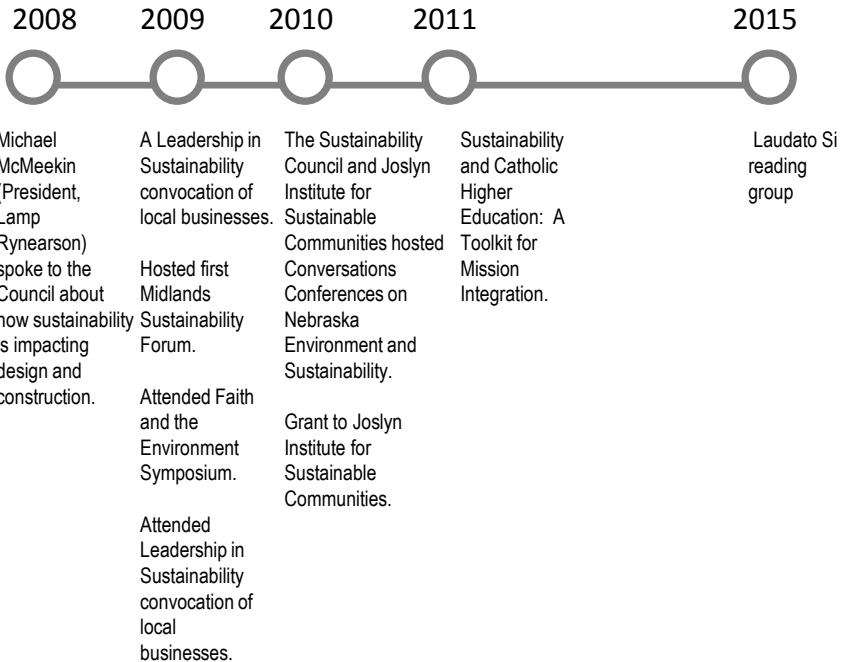
Environmental Global Citizenship: Creighton Global Initiative awarding \$140K for the development of international exchanges for students in Sustainability Studies, Environmental Science and Energy Technology.



# Timeline: Dashboard

## Industry & Conference Engagements

*Inspired by Sustainability Council*





# Timeline: Dashboard

## Further Research Opportunities

*Inspired by Sustainability Council*

2005

2006

2008

2009

2009

2012

2013

2015

2016

**Waterless urinals:** 1 unit installed in Jelinek Bldg. as case study.

Excess food to be **donated** to a homeless shelter, Campus Kitchen?

Beginning stages of planning **alternative energy programs and infrastructure**.

First discussion of **bus passes for employees.**

DoIT looking at making **printer fleet** more efficient.

**Audit** of Sustainability Council.

Lennis Pederson discussions of **in-vessel composting.**

**Investigation of CNG** vehicles for fleet.

**Climate Action Plan written:** Implementation for recommendation pending.

**Bike repair station installed** near Boyne through grant funding for on site bike repairs but tools stolen.

Purchasing **study with NBDC.**

**Commuting survey** updated.

**Sustainability survey** in Kenefick.

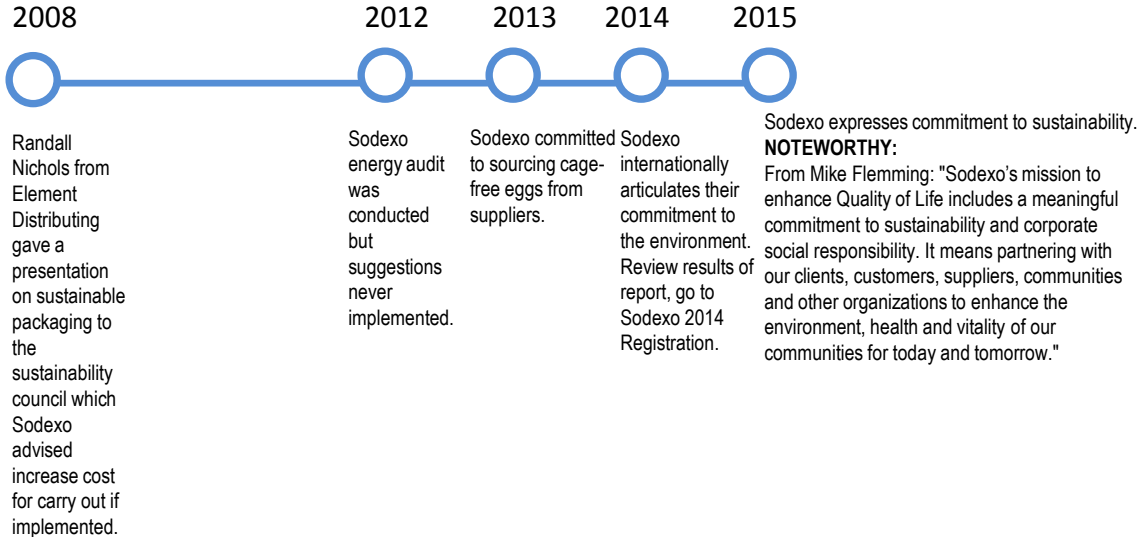
**Local farm** purchasing.

**Fair Trade** Coffee.

# Timeline: Dashboard

## Sodexo Related

*Inspired by Sustainability Council*



# Timeline Dashboard

## Tabled or Discontinued Programs & Recommendations

*Inspired by Sustainability Council*

2000

2008

2009

2010

2011

2012

An EVS faculty member (a geologist) is hired within the ATS/EVS department; this faculty member departs in 2004 and the line is not retained.

Energy Awareness Committee founded.

Bike Task Force begins.

City of Omaha hires Sustainability Coordinator.

Sustainable Christmas Decoration Contest (ended after 2 years).

Downturn in economy reduces financial incentive for recycling.

Grant for shuttle/public safety building.

Johnson Controls is searching the campus for energy saving opportunities that can be incorporated into the proposed performance contract.

A city sponsored recycle dumpster was placed in the parking lot north of Cuming on 22nd Street.

CSU starts program with Better World Books.

Staff member begins campaign to "ban the bottle".

Attempt to have farmer's market on campus.  
Grant from NDEQ(Nebraska a Department of Environmental Quality) for recycling.

Attempt to create a campus-only Craigslist type site.

Beginning of Recycling Advisory Committee.

Facilities Management and the GreenJays hosted a tire inflation event for campus constituents.

Attempts to develop a bike share program.  
Sustainability part of strategic planning.

AdminFin Sustainability Group started.

Discussion between Shuttle Services and MAT (now Metro) bus.

Transportation Master Plan.

Purchasing works with PayLESS to deliver office supplies in reusable totes instead of cardboard boxes.

Long-term bike storage.

Discussion of a video showcasing "WWJD" -- what would a Jesuit Do for sustainability.

Discussion regarding having a farm or similar, possibly at retreat center.

World Water Day celebrated.

Athletics recycling video. Requires an update to reflect current mascot.

Investigation of energy dashboard  
Transportation Master Plan  
Planning begins for prairie garden on campus.  
Discussion of B-Cycle on campus with investment \$38,500 per station.

First discussion with Verdis about pledge program.  
Sustainability Student intern positions developed.

2013



Lennis Pederson signs off on hiring Verdis Group for sus. Pledge, etc funding up to \$40K.

GreenJays "We Matter Walk" (2013-2015).

Recyclable insulated bags implemented but seldom used.

2nd year of OneShirt challenge (discontinued in 2016).

Badging program begins.

"Green Guide" developed by Brendle Group

2014



BlueLine Sustainability course developed.

Discussion of partnering with Boy and Girl Scouts to do projects/badges, etc.,.

2015



IRHG (Inter Residence Hall Government.) begins working with "WeCompost"



Thank you!