



ACC Fiscal Officer's Conference

Let's move the needle!

"It starts with a committee"
How to transform sustainability into measurable results?

April 30, 2018

Presenters:

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Agenda

- Sustainability Through History
- Actions Taken by Notre Dame
- Target and Actions
 - E. Procurement, Licensing, and Food Sourcing
- Case Studies
 - Increase usage of 30% recycled paper
 - Increase visibility with Grainger punch-out for green spend
 - Expand glove recycling program

Sustainability Through History

- Throughout its history the University of Notre Dame has embodied the traditional principles of sustainability as a Catholic university committed to remaining vital and strong for succeeding generations
- The contemporary concept of environmental sustainability seeks a similar goal—the wise use of our natural resources to ensure their availability for future generations.
- Sustainability has its own inherent value: it equates a respectful stewardship of the environment with the faithful care of God’s creation.
- Comprehensive Sustainability Strategy link:
https://green.nd.edu/assets/211749/sustainability_strategy.pdf

Actions Taken by Notre Dame

- Inspire and encourage environmental sustainability, both academically and administratively
- Energy conservation measures across facilities
- The design and construction of LEED-certified buildings
- The establishment of the Office of Sustainability
- The creation of an undergraduate minor in Sustainability
- The University has sought to advance sustainability on campus and abroad

We at Notre Dame can do more:

New Goals developed by Faculty, Administrators and Students:

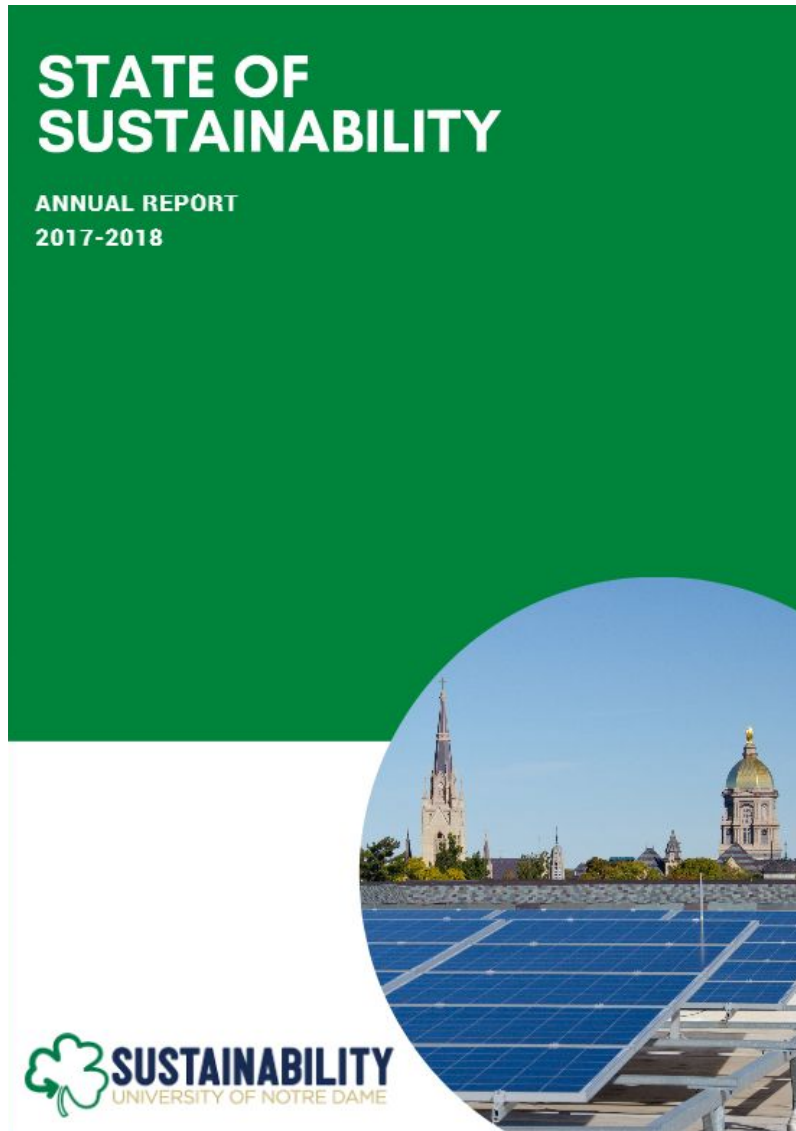
1. respect for the human condition;
2. respect for the conservation of natural resources; and
3. economic viability.

University actions:

1. **benefit people** – not just the current generation or today's community but future generations and future communities
2. must **respect the planet's** inherent value and consider both immediate and long-term impacts on its resources.
3. consider the **economic impacts of our actions** to ensure the University's **financial health** for decades to come.

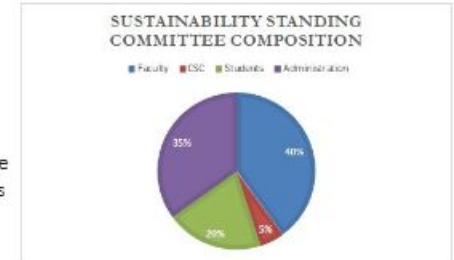
Many of the recommendations suggest changes in attitude and practices. Many also require economic investments.

Initial Mock-Up of a Sustainability Annual Report (Targeting August, 2018, completion and distribution)



SUSTAINABILITY STANDING COMMITTEE

The Sustainability Standing Committee is composed of representatives across Faculty, Faculty Senate, Center for Social Concerns, Students (undergraduates and graduates), and University Administration in order to gain a diverse perspective of sustainability concerns across the Notre Dame campus.



SMALL WORKING GROUPS

The Sustainability Standing Committee recommended that Small Working Groups be formed in key areas to meet periodically throughout the academic year to tackle sustainability issues, develop and monitor sustainability metrics, and serve as a forum for exchanging ideas and knowledge.



Energy and Emissions



Water



Building & Construction



Waste



Procurement, Licensing & Food Sourcing



Education, Research & Community Outreach



Communications

Targets and Actions

The Comprehensive Sustainability Strategy recommendations focus on the University's continued actions and aspirations in six areas:

Six (6) Strategic Committees:

- A. Energy and Emissions
- B. Water
- C. Building and Construction
- D. Waste
- E. *Procurement, Licensing, and Food Sourcing*
- F. Education, Research, and Community Outreach

E. Procurement, Licensing, and Food Sourcing

There is an important connection between purchasing and sourcing decisions and enhancing sustainability. Each sourcing decision we make presents an opportunity to choose environmentally and socially preferable products and services and to support companies with strong commitments to sustainability. Pope Francis instructs that “a true ecological approach *always* becomes a social approach.”¹² The University should ensure that its vendors align with University goals and values, including its commitment to sustainability. By thoughtfully using its purchasing power, the University has the ability to impact not only the growth of sustainability on campus but the greater growth of a sustainable economy. To make the most of this power, the University should incorporate more robust sustainability considerations in its purchasing and sourcing decisions.

Our Overall Strategies

1. Incorporate **sustainability standards** into formal strategic sourcing and licensing processes
2. Increase and encourage the purchase of **more sustainable products** by all University stakeholders
3. Create greater **vendor/supplier partnerships** that lead to more sustainable practices
4. Increase sustainability of **food sources**
5. Provide **greater transparency of** sustainable purchasing and licensing

1. Incorporate **sustainability standards** into formal strategic sourcing and licensing processes

RFP Sustainability Clause

The University of Notre Dame strives to be a leader in sustainable operations, education and research, and a role model for responsible citizenship. Notre Dame recognizes its responsibility to conserve the natural environment while promoting long-term economic and social justice for all members of society and works to foster a pervasive focus on the connection between environmental stewardship and the Common Good.

Notre Dame's Comprehensive Sustainability Strategy, <https://green.nd.edu/about-us/goals/>, outlines institutional goals and benchmarks which serve as the foundation and guiding principles for increasing sustainability in all areas and all levels across the University

Please provide a detailed narrative in support of these elements including documentation of policy and specific periodic updates detailing progress of your sustainable efforts and how those efforts apply to the products/services Notre Dame is requesting. Any sustainability/green certification programs in which the bidder is engaged or received recognition for achievement should be provided as well.

2. Increase and encourage the purchase of **more sustainable products** by all University stakeholders
3. Create greater **vendor/supplier partnerships** that lead to more sustainable practices

Accomplishment year today:

1. Custodial Products

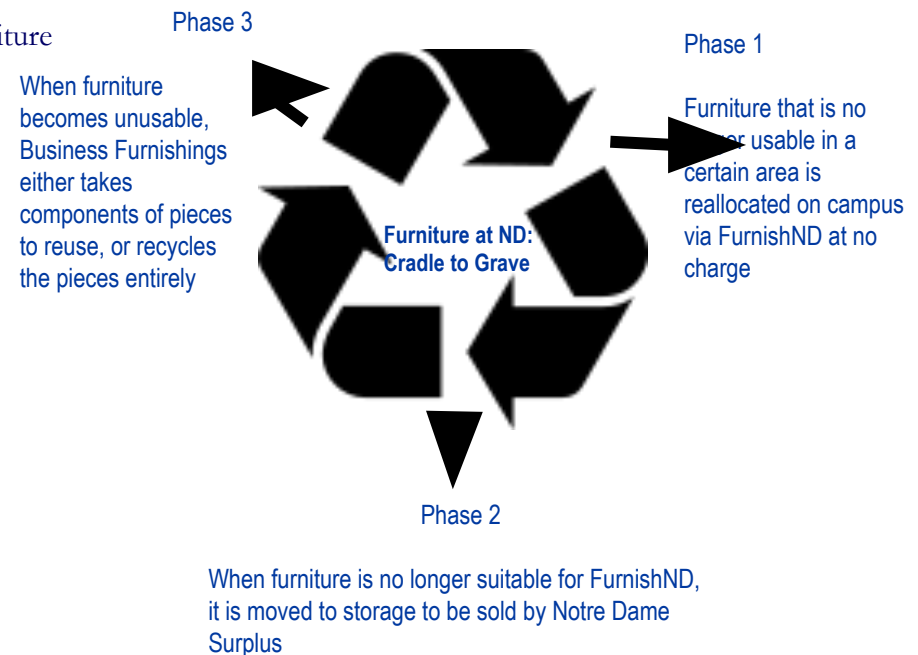
- Move to coreless TP and drop-down dispensers = significant reduction in waste
- 33% savings in moving from fold towels to roll towels
- Both in fiber use and packaging, and in product itself
- FSC Certification (takes into account whole life cycle process)
- Spend has declined on these products, despite campus construction boom

2. Increase and encourage the purchase of **more sustainable products** by all University stakeholders
3. Create greater **vendor/supplier partnerships** that lead to more sustainable practices

Accomplishment year today:

2. Furniture:

- Last fiscal year, ND purchased 952,900 lbs of Steelcase furniture
- Of that, recycled content amounted to 569,100 lbs.
- 410,700 lbs. were diverted from landfills
- Furnish ND, Surplus Property, Recycle



2. Increase and encourage the purchase of **more sustainable products** by all University stakeholders
3. Create greater **vendor/supplier partnerships** that lead to more sustainable practices

Accomplishment year today:

3. Lighting:

- Complete conversion of incandescents to compact fluorescents
 - 70% lower energy usage
- Conversion of site lighting from metal halide to LED
 - 90% complete
 - LEDs last up to 88% longer than MH

Let's move the needle!

Case Studies #1:

Increase usage of 30% recycled paper:

- **The issues:**

- There was a perception by the faculty and staff, that recycle paper was not a good option. Previous issues with jamming papers, bad quality, and poor performance of the paper made it difficult to introduce the recycle paper into the printing process.


- **Solution:**

- Negotiate a competitive price for recycle paper which is \$5.00 a case cheaper than regular paper.
- Start slow: select one department “Human Resources” to use the recycle paper and monitor performance. Once results were successful, introduce the recycle paper to other departments.
- Emailing users buying paper to promote recycled paper

- **Results:**

- PrintND (students) transitioning to 30% recycled Boise paper from 0% recycled paper
- Increase recycled content use by 77% in 2018 (680 cases of paper)





Taking care of business

Order By Item | My Lists

Account 34625955 Hi, Gilberto CarlesBarraza [Logout](#)

Search by Keyword or Item# 🔍

Office Supplies
Paper
Ink & Toner
Breakroom
Cleaning
Technology
Furniture
School Supplies

MY OFFICE DEPOT ▾

My Account ▾
Orders ▾
Quick Order ▾
My Lists ▾
Cart ▾ 0 Items \$0

Message

Last update by: OFFICE DEPOT

Welcome to the Notre Dame Office Supply Program. We Appreciate Your Business!

Office Depot Customer Service (for returns, exchanges, & product help): **1-866-679-1012** / Your acct # is 34625955.

For Restricted items, please contact ND Procurement Services for additional information.

Preferred Copy Paper for Notre Dame

Notre Dame & Office Depot are pleased to announce a Boise multipurpose copy paper for your use. Boise has manufactured high quality paper for over 80 years. Boise respects the planet and works to limit environmental impact. The Boise Aspen paper has a 30% recycled content. This paper will also save you money. The price per case is \$31.79. The current 30% recycled paper is item # 940650 at \$36.03. The new preferred paper will save you \$4.24 per case. Please see below for more details on the Boise paper:

Boise® Aspen® Multipurpose Paper, 8 1/2" x 11", 20 Lb, 30% Recycled, 500 Sheets Per Ream,

Case of 10 reams, Item # 116946, \$31.79 per case

- 30% recycled content
- 92 brightness for crisp, clean text
- Acid free paper won't yellow or fade over time
- 20lb paper is ideal for everyday use



Office Depot – Offers Green Alternatives

Office DEPOT Taking care of business Order By Item | My Lists

Account 34625955 Hi, Gilberto CarlesBarraza [Logout](#)

Search by Keyword or Item#

My Account 0 Items \$0

Office Supplies Paper Ink & Toner Breakroom Cleaning Technology Furniture School Supplies

MY OFFICE DEPOT ▾

Home / Paper / Art & Craft Paper / Craft & Tissue Paper

Shop Paper

Brand

- Pacon (51)
- Epson (4)
- Shizen Design (4)
- Office Depot (3)
- Smart-Fab (3)
- ▼ See all Brand

Color Family

- assorted (13)
- white (11)
- blue (8)
- black (7)
- red (6)
- ▼ See all Color Family

Sheet Size

- 22" x 30" (38)
- 12" x 18" (12)
- 9" x 12" (4)
- 13" x 19" (2)
- 9 3/4" x 9 3/4" (2)
- ▼ See all Sheet Size

Craft & Tissue Paper 72 results

By

24 Per Page



Item 289361
 Pacon® Spectra® Assorted Color Tissue Pack, 20" x 30", 20 Colors, Pack Of 100 Sheets

Availability: 13
 ✓ Sold Online
 Eco-conscious
 Recycled content

Qty **\$12⁹⁹** / pack

[Add to list](#)



Item 127018
 Pacon® Spectra® Assorted Color Tissue Pack, 12" x 18", 25 Colors, Pack Of 100 Sheets

Availability: 48
 ✓ Sold Online
 Eco-conscious
 Recycled content

Qty **\$5⁹⁹** / pack

[Add to list](#)

Hi, Gilberto Carlesbarraza
[Logout](#)
 Account 34625955

[Watch Demo](#)

Cart 0

Recently Viewed

Order By Item

Helpful Links

“Green” options when available:

Shop Cleaning

Ready To Ship

yes (165)

Cleaning Type

- all-purpose cleaner (506)
- surface wipe (164)
- floor cleaner (112)
- glass cleaner (77)
- laundry detergent (71)

▼ See all Cleaning Type

Scent

- unscented (268)
- fruit (149)
- fresh (110)
- floral (78)
- mint (25)

▼ See all Scent

Cleaner Features

- Disinfectant (154)
- removes stains (95)
- scented (81)
- antibacterial (58)
- unscented (55)


▼ See all Cleaner Features

Form

- liquid (188)
- spray (48)
- Concentrate (32)
- aerosol (26)
- solid (4)

▼ See all Form

Cleaners 1,440 results



Taking care of business Order By Item | My Lists

Search by Keyword or Item#

Office Supplies Paper Ink & Toner Breakroom Cleaning Technology Furniture School Supplies



For access to additional sort options, please use one of the search or category filters on the left to narrow your search.

By Relevance 24 Per Page Grid List



Item 140686
Lysol Disinfecting Wipes, Lemon/Lime Blossom, 7" x 8", 80 Wipes Per Canister, Pack Of 3 Canisters

Qty **\$14⁰³** / pack

[Add to list](#)

- Availability: 119
- ✓ Sold Online
- Eco-conscious
- Recycled content
- [Safety Data Sheets](#)



Item 536373
Clorox® Disinfecting Wipes, Fresh Scent, 75 Wipes Per Tub, Box Of 6 Tubs

Qty **\$29²⁴** / carton

[Add to list](#)

- Availability: 212
- ✓ Sold Online
- [Safety Data Sheets](#)

Let's move the needle!

Case Studies #2:

Increase visibility with Grainger punch-out for green spend

- **The issues:**

- Grainger is a high transaction volume and high frequency catalog used by many different areas within Notre Dame. There was lack of visibility on what products were “green products”. It was difficult for the end users to make an informed decision. The total Grainger Spend FY17 of \$471,000.00.

- **Solution:**

- Supplier engagement to enhance green item identification and purchases on punchout.
- Grainger developed a system in their Punch-out Catalog provide during the purchasing process the “Green” equivalent as an option. The employee will have the option the buy green or proceed with their regular purchase.
- Goals is to move the needle to a 30% green spend which represents \$141,300.00

- **Results:**

- Grainger support Notre Dame in reporting on common items with green alternatives. The Punch-Out catalog is getting ready to increasing visibility on green alternatives.
- Expected to be finished by August 2018



NOTRE DAME

ALL PRODUCTS

Keyword, item or model

SEARCH

BULK ORDER PAD



Print

Services

[Emergency Services](#)

[Grainger Lighting Solutions](#)

[Extended Protection Plan](#)

[Online Purchasing Solutions](#)

[Product Services](#)

[Find MRO](#)

[Safety Services](#)

[Auto-Reorder](#)

[Paperless Invoicing](#)

[Inventory Management](#)



Grainger offers an extensive selection of products—plus solutions and technical expertise you can rely on to support your continuous improvement and cost savings initiatives. Work with your local Grainger team to take full advantage of all that your agreement has to offer.

CONTRACT INFORMATION



- Additional discounts on specific janitorial products, air filter products, motors and power transmission items, as well as hand and power tools and accessories
- 1000-item Market Basket with net pricing discounts
- Customized "Hot List" pricing for Notre Dame
- Pre-paid freight on standard ground shipments

[View E&I/Grainger Contract Overview](#)

SAFETY RESOURCES

Take advantage of these Grainger Services to help reduce costs, minimize vendors and improve efficiencies:



Safety regulations are becoming more stringent and compliance is becoming tougher. Grainger can help you manage through these issues. As the largest safety products distributor in North America, Grainger has the [products](#) and [resources](#) for all of your safety needs.

Think Safety. Think Grainger.

Let's move the needle!

Case Studies #3:

Expand glove recycling program



e

- **The issues:**
 - Notre Dame science labs are currently using rubber gloves in their programs.
 - Other departments are also using rubber gloves but at this time we are not recycling the used gloves.
- **Solution:**
 - Team up with Office Depot to create a sustainability position sponsored by them to hire an intern to work on this initiative.
 - Jordan Hall started recycling their rubber gloves with the support of this Office Depot Intern.
 - Allen Utterback
- **Results:**
 - We identified around 130 different locations that are using rubber gloves than can be candidate to start the recycling program.
 - Sustainability Office Depot intern is directly contact remaining science labs for glove program
 - Potentially approach food service
 - In FY 2016, over half a ton of gloves were saved from the landfill

Rubber glove recycling expansion:



- 4 tons of nitrile gloves currently used on campus, beyond Jordan
- Possibility of expanding to include to pipette tips and protective garments
- Messaging/posters to encourage glove recycling
- Opportunities: Stepan Hall, McCourtney Hall, Galvin Science Center, Harper Hall, Building Services, Food Services
 - Challenges: Personnel, cost of transporting waste
- Pilot of RightCycle in University of Illinois-Champaign's main dining hall has achieved a diversion rate of 90%

Let's move the needle!

- Future Development

- Establish baseline for green spend in other key categories
- Execute marketing plan to encourage use of sustainable products in key categories

Onward to Sustainability

University of Notre Dame

95% of new construction space uses efficient, LED lighting

12 buildings are LEED certified which includes diverting 98% of construction project waste from landfills

At approximately **43,000 SF** collectively, Duncan Student Center, Corbett Family Hall, & O'Neill are home to the largest green roof in the state of Indiana.

Over the past 5 years, irrigation water use has decreased by **244 million gallons per year**

that is **15x** St. Mary's Lake

In FY17, the ratio of trees planted to removed was



SMALL WORKING GROUP

28 faculty **22** staff **27** students

30 active members of the Sustainability Commissioner program

70 Gameday student volunteers

SUSTAINABILITY MINOR

Sustainability Electives / Semester



30 students in the class of 2019 are pursuing the sustainability minor

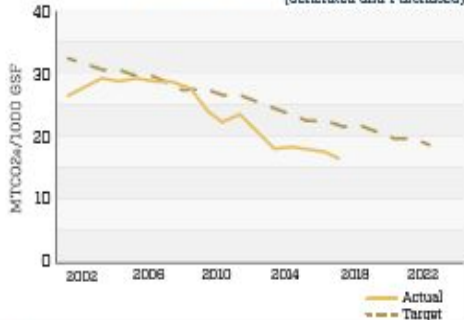
25 students in the class of 2020 are pursuing the sustainability minor

FOOD SOURCING



ENERGY CARBON FOOTPRINT

(Generated and Purchased)



3 Geothermal well systems installed as part of our goal to reduce carbon emissions

1,303 Total wells
2,500 Total tons of capacity

Cultivate

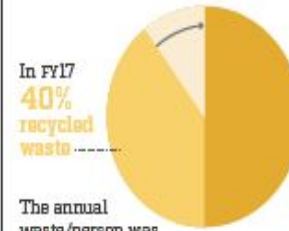
— CULTIVATE SOURCE & CONSUME —



THE GOAL is **50%** recycled waste

In FY17 **40%** recycled waste

The annual waste/person was **660 lbs.**



22,431 number of student riders
2,940 cumulative saved gas consumption (gal.)
72,700 cumulative riding distance (mi.)

44 designated priority parking spaces were added during the recent stadium construction

4,120 meals donated

19 different organizations were helped

27 elephants
This year, ND has saved **133 tons**, **68%** of Pre-Consumer Food Waste

In FY2017, **71%** of printing was duplex (double sided)
1,353 trees saved
22,548 sheets of paper saved
1,149,984 gal. of water saved
124,019 lbs. of CO₂ saved

1/3 The 5.77 acre Kenmore Facility Solar Array provides 1/3 of the electricity used.

Furnish ND

70 departments used FurnishND
215 pcs. of furniture repurposed on campus
\$250,000 in savings to the University

FROM GOLD 2 GOLD

Year End Campus Yard Sale

Old2Gold annually diverts over **76.3 tons** of waste from the landfill.

100% of the stadium bench seating (equivalent to 18 miles) was repurposed

SUSTAINABILITY
UNIVERSITY OF NOTRE DAME



THANK YOU

Contact Information:

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