Villanova University

Sustainability

Liesel Schwarz, Sustainability Manager

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UNIVERSITY
Sustainability
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Villanova University: Overview

Catholic, Augustinian University

Founded in 1842

Located northwest of Philadelphia

Undergraduate Population: 6,700+

Graduate Population: 3,000+

Campus Area: 260 acres

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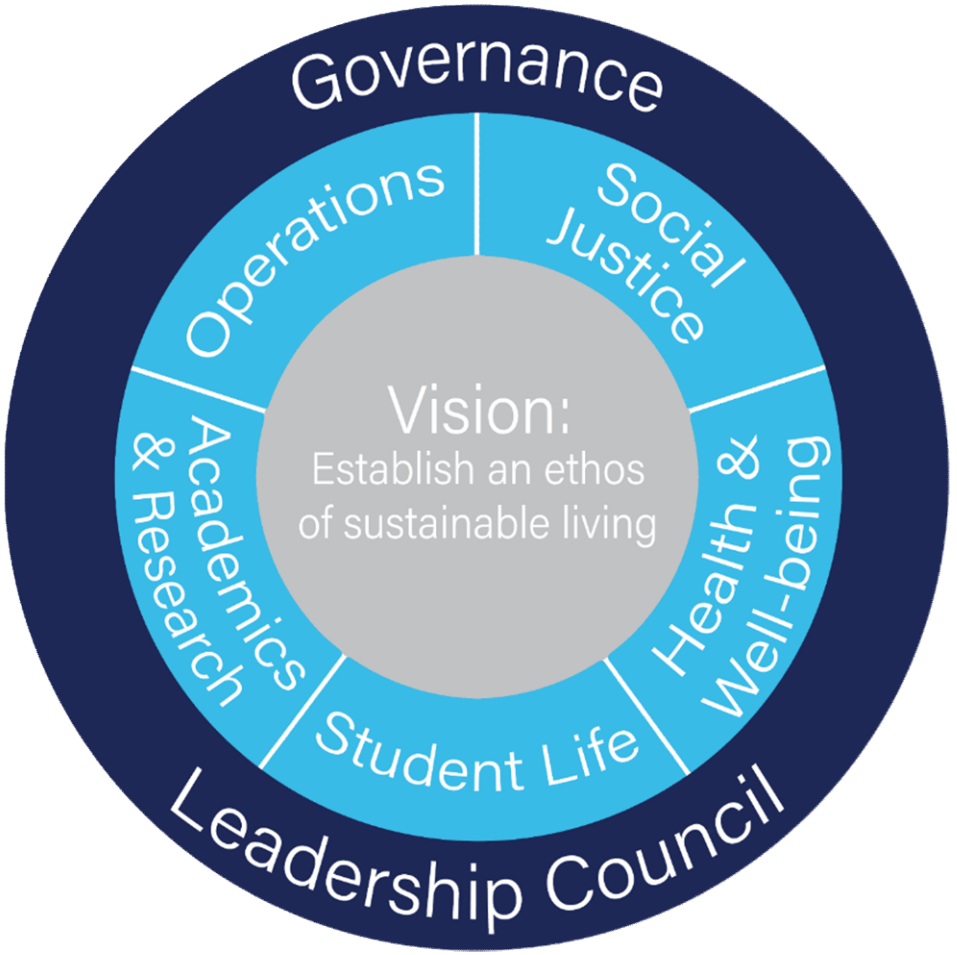
Villanova Sustainability Leadership Council



UN Sustainable Development Goals

As a University community, Villanovans are committed to working together to create a more sustainable world. The Villanova Sustainability Plan 2020–2030 specifically outlines the changes we aim to realize on campus by 2030. These outcomes include:

Energy
100 percent of electricity will be purchased from renewable sources.

Waste
There will be zero single-use plastic sales on campus and all pre- and post-consumer food waste will be eliminated from landfill or incineration.

Carbon
Villanova will cut overall greenhouse gas emissions by a minimum of 50 percent, in line with UN Intergovernmental Panel on Climate Change recommendations.

Food
Food insecurity will be eliminated for students, faculty and staff.

Health
Villanova will be a tobacco-free campus.

Wages
All students and Villanova employees will earn a living wage.

Hiring
Women will account for 50 percent of seats in managerial or leadership positions.

Academics
A University Institute for Climate, Justice and Sustainability will be established.

Villanova Campus Sustainability Plan

Green Office

An Employee Engagement and Empowerment Program

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Program Overview

The Green Office program is an employee engagement program run through the Office of Sustainability in which self-defined groups of Villanova employees can sign up to become certified as a Green Office and commit to decreasing their environmental impact.

Program Goals

- **Expand** sustainability engagement among employees at Villanova
- **Promote** participation in a wide variety of sustainable educational opportunities among members of the Villanova community
- **Improve** understanding of the many intersectional sustainability topics on campus and around the world
- **Point out** the environmental consequences of our individual and collective actions
- **Provide** sustainable methods that can be employed in the workplace to lessen the impact of an office on the environment

Credit Categories

Communication & Engagement

Culture

Education

Energy & Water

Purchasing

Transportation

Waste Management

Innovations & Extras

Example Credits

Behavior change

Ex. WM1: Green Office members typically use email for inter-office announcements rather than printing posters or flyers

Education

Ex. E4: The majority of Green Office members meet at least once a semester to discuss sustainability resources, information and tips for green living, and sustainable office practices

Increased engagement

Ex. CE3: The Green Office's social media accounts and/or digital communications promote sustainability ideas or initiatives at least once a semester.

Physical change

Ex. P2: The Green Office has committed to purchasing paper products and printed publications with the max post-consumer recycled content available.

Stormwater

Campus as a 'Living Lab'

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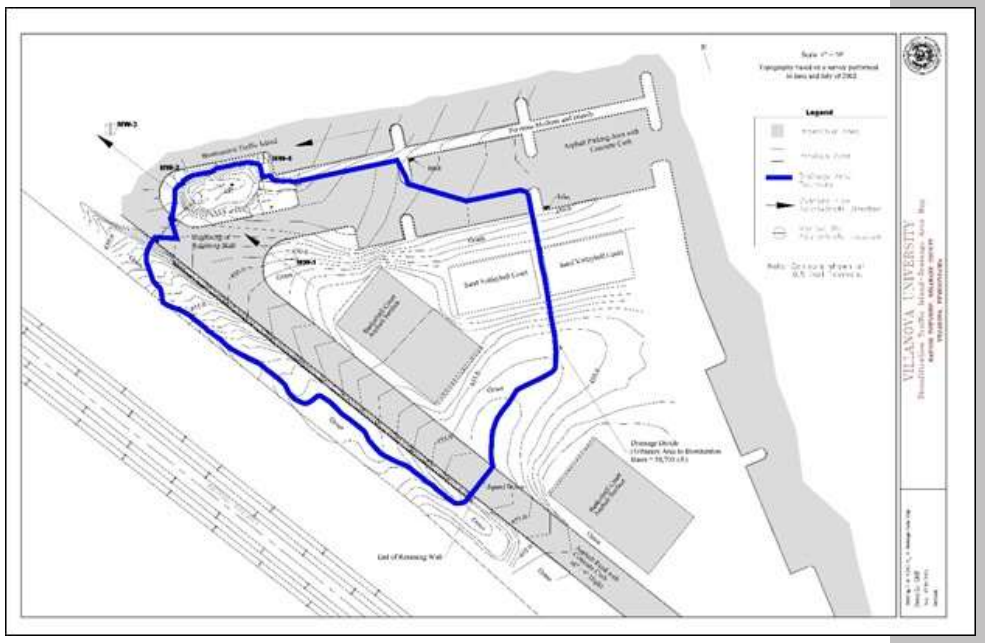
Stormwater: Quantity & Quality Control

Constructed Stormwater Wetland



One of the OLDEST Rain Gardens:

Bio-Infiltration Traffic Island (BTI)

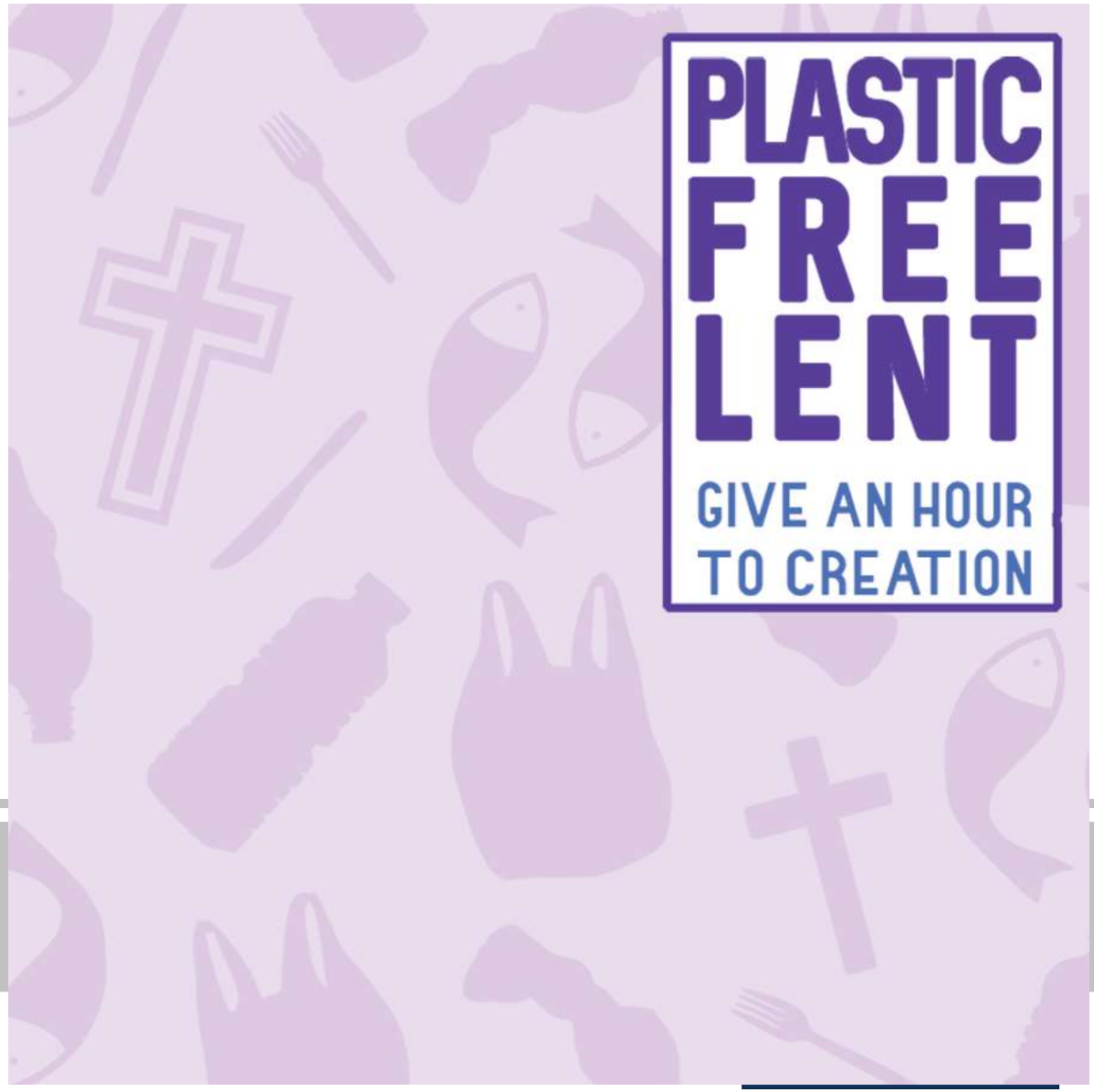
Stormwater: Collection and Reuse

9-acre impervious parking lot to 1,100+ bed residential facility

Designed to capture 2.3 inches of rainfall

Campus Behavior Change

A collaboration with Campus Ministry and Sustainability



PLASTIC FREE LENT

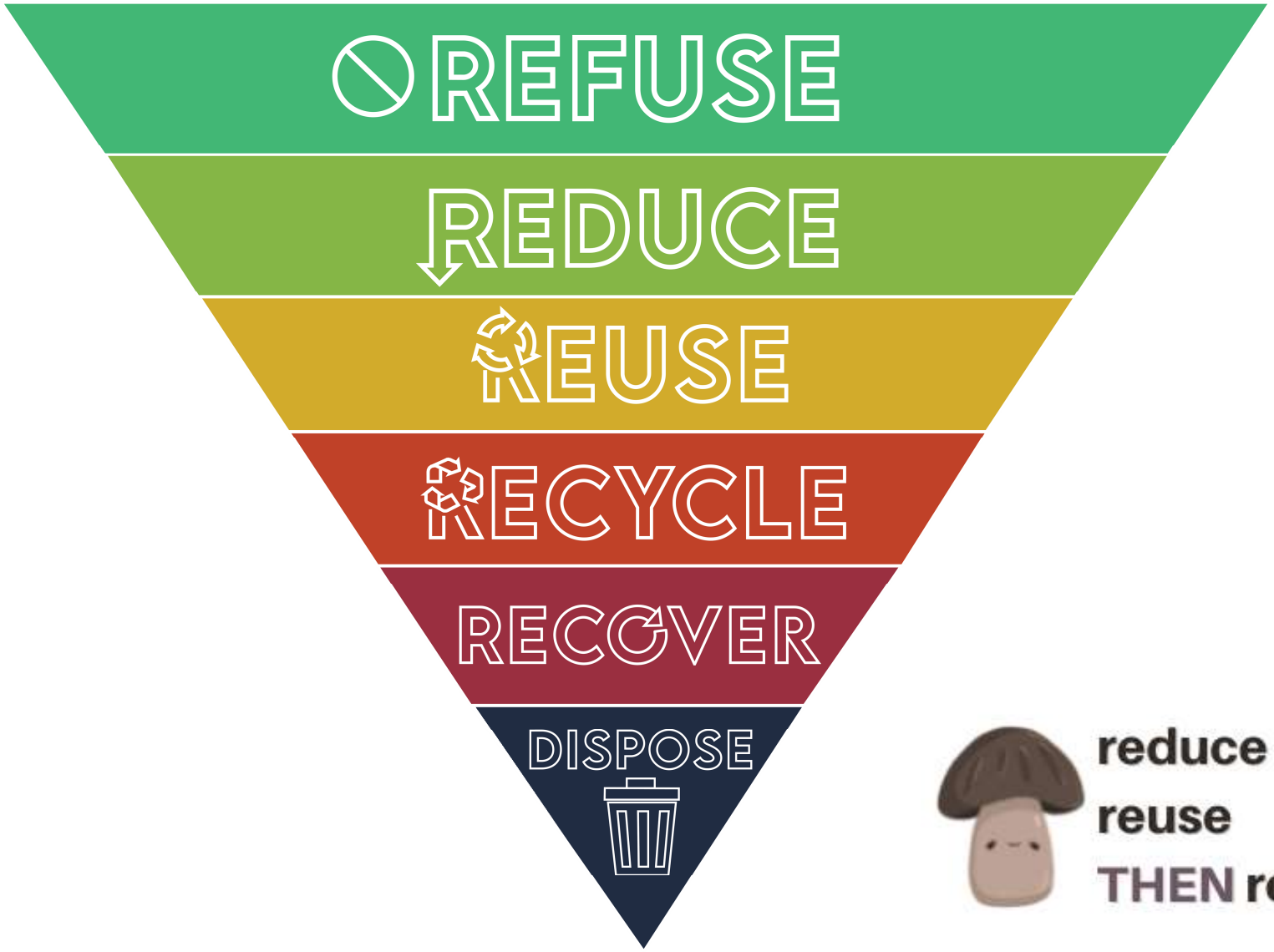
GIVE AN HOUR TO CREATION

FORMAT

Weekly

Themed small group discussions guided by peer leaders

Supplies that support a plastic free lifestyle



reduce
reuse
THEN recycle

QUESTIONS?

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VILLANOVA.EDU/SUSTAINBILITY

Sustainability Newsletter

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