# **RESPONSIBLE LAND USE**

## TRANSPORTATION

- Community connectivity to the surrounding city with access to public transportation and amenities.
- Bicycle storage and changing rooms to encourage staff to ride their bikes to work.
- Low emission vehicle preferred parking encourages patients, visitors and staff, when not taking public transportation, to drive fuel-efficient vehicles with preferred parking spots.

## **CONSTRUCTION WASTE MANAGEMENT**

• Structured plan in place to divert waste from the landfill and instead sent to recycling facilities.

## FOREST STEWARDSHIP COUNCIL CERTIFIED WOOD

• Products for all interior wood doors and architectural elements come from responsibly managed forests that provide environmental, social and economic benefits.

## WATER USE

## WATER EFFICIENT LANDSCAPING

- Landscaping native to the area that does not require permanent site irrigation.
- Low flow sinks, toilets, and shower heads.

# MATERIALS

LOW VOLATILE ORGANIC COMPOUND PAINTS & INTERIOR MATERIALS • Low odor and low emission for improved indoor air quality.

#### **RECYCLED & REGIONAL MATERIALS** • Carpet tile, ceiling tiles, and steel.

# **EFFICIENT LED LIGHTING**

• Used throughout the building that is more energy efficient and does not contain mercury.

# INDOOR AIR QUALITY

# SUSTAINABLE CLEANING PROTOCOLS

• Using materials and processes that minimize the impact on the environment and are low odor for improved indoor air quality.

#### LOW VOLATILE ORGANIC COMPOUNDS (VOCs)

• Materials used, including caulk, glue, adhesives, paints and carpet, contain few to no volatile organic compounds. VOCs are known to cause adverse health effects.

#### FURNITURE

• Reused from other locations on campus as well as new furniture with recycled and sustainable components with low emissions for improved indoor air quality that support the needs of the patients and staff.





## LEADERSHIP IN ENERGY AND **ENVIRONMENTAL DESIGN (LEED),**

is the nation's leading consensus based green building evaluation system and provides a comprehensive rating system by which to deliver a building that saves energy and water. LEED promotes a whole-building approach to sustainability and rewards projects that implement strategies for better environmental performance.

LEED is composed of six categories:

THE UNIVERSITY of MARYLAND MEDICAL CENTER'S

# MIDTOWN CAMPUS **OUTPATENT**

# THE UNIVERSITY OF MARYLAND MEDICAL CENTER MIDTOWN CAMPUS

**OUTPATIENT TOWER** is home to expert, accessible and compassionate care provided by University of Maryland School of Medicine faculty physicians and a team who partner with people to achieve their best health. People living with diabetes, heart, lung or kidney disease, sleep disorders, HIV or behavioral health challenges will benefit from great care and robust resources to support health and wellness.

**THE OUTPATIENT TOWER** is a place to heal, develop, and thrive. The inclusion of sustainable design elements helps our patients, families, and staff do just that. This display illustrates some of the key sustainable design elements implemented in this new building.

**THE OUTPATIENT TOWER** is designed with Leadership in Energy and Environment Design **(LEED)** Principles, including features that ensure efficient use of resources

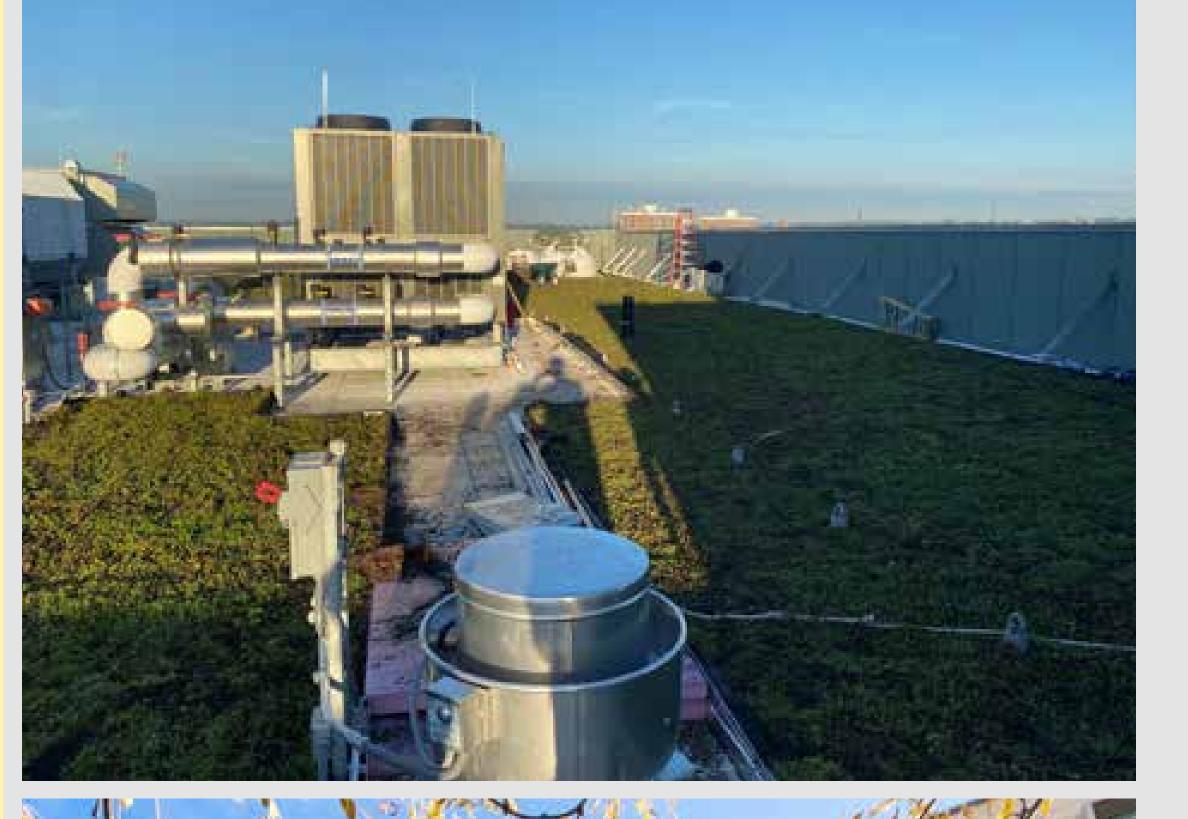




Sustainable sites discourage development on previously undeveloped land, with the intent to minimize a buildings impact on ecosystems and waterways. It encourages smart transportation choices, control of storm water runoff, and regionally appropriate landscaping. Construction related pollution, site erosion and light pollution are also key design elements of sustainable sites.



Water reduction or smarter use of water is typically achieved through more efficient fixtures and fittings inside the building and through water conscious landscaping outside.





**ENERGY & ATMOSPHERE** 

Energy Savings is encouraged through efficient design and construction, energy use monitoring, the use of renewable and clean sources of energy, and other innovative measures.

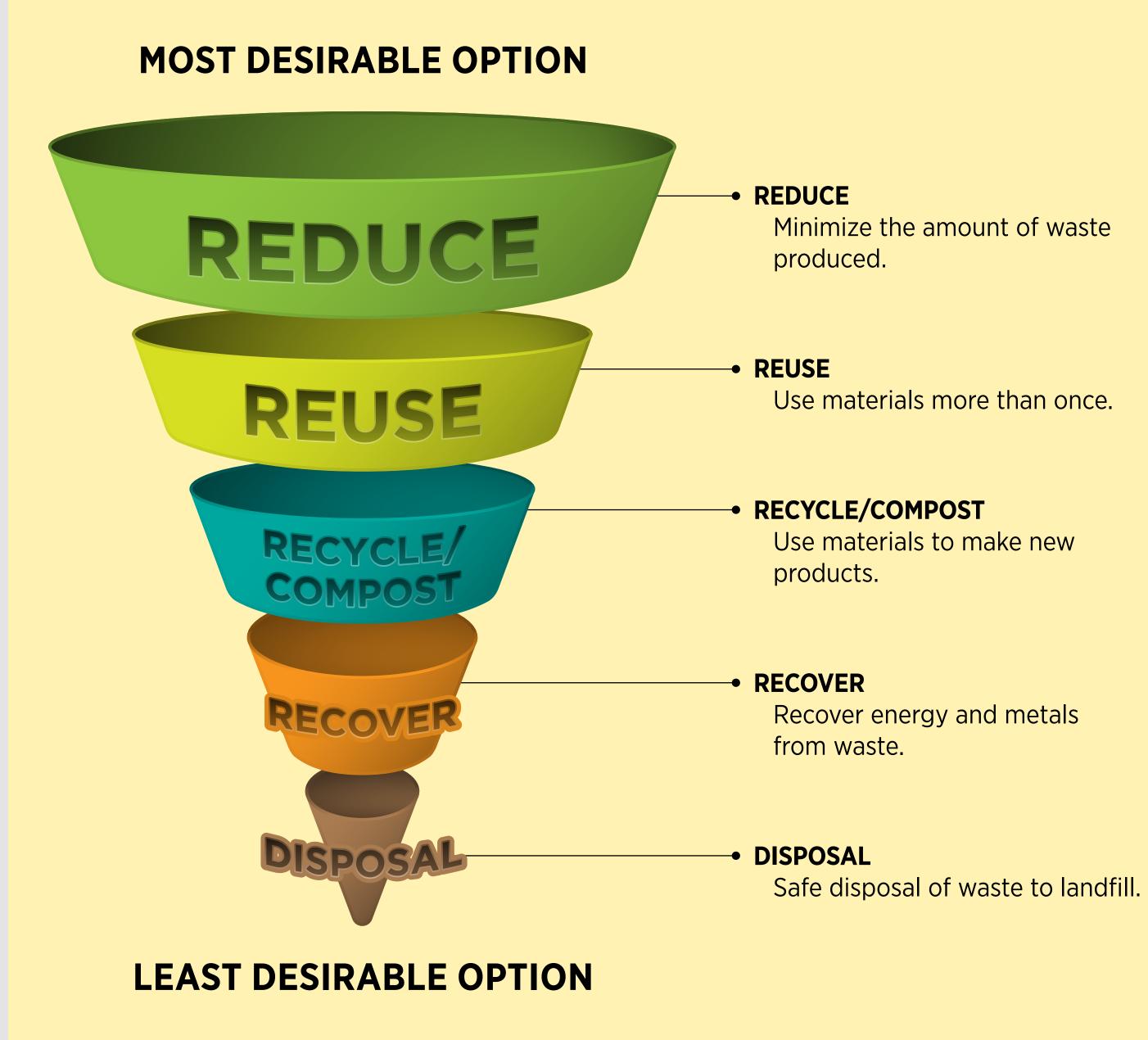


The selection of sustainably grown, harvested, produced and transported products and materials promotes waste reduction as well as reuse and recycling.

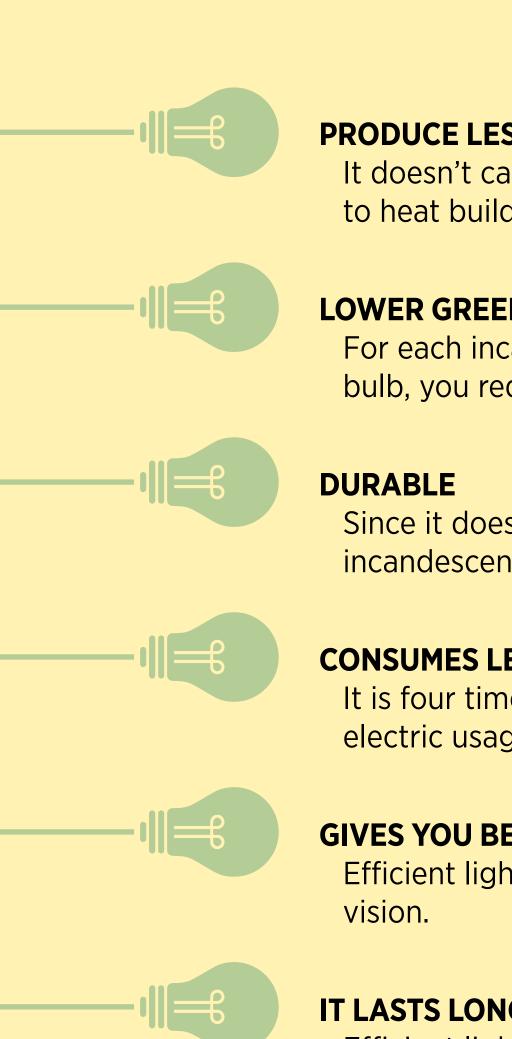


Indoor Environmental Quality promotes strategies that improve indoor air quality. It also strives to provide improved acoustics and natural daylighting and views to those occupying the building.

# WASTE MANAGEMENT HIERARCHY



# **BENEFITS OF EFFICIENT LIGHTING**



## **PRODUCE LESS HEAT**

It doesn't cause heat build-up. Common bulbs get hot and contribute to heat build-up in a room.

## LOWER GREEN HOUSE GAS (GHG) EMISSIONS

For each incandescent bulb you replace with an energy-efficient light bulb, you reduce CO2 emissions by half a ton.

Since it doesn't have filaments, efficient bulbs don't break as easily as incandescent bulbs.

## **CONSUMES LESS ELECTRICITY**

It is four times more efficient than typical bulbs and reduces your electric usage for lighting by 90%.

## **GIVES YOU BETTER VISION**

Efficient lighting produces natural brightness which is good for your

## IT LASTS LONGER

Efficient lighting lasts up to 10 times longer than typical lights.

INDOOR ENVIRONMENTAL QUALITY



Innovation and Design encourages the use of innovative technologies and strategies. This category also rewards projects for including a LEED accredited professional on the project team to ensure a holistic, integrated approach to the design and construction process.