SUSTAINABILITY STRATEGIES

K-State 2025 Sustainability Strategic Action Plan

Goal Tracking
“Design new buildings with strong energy performance, water management, and other environmental attributes, including integrating site- and project-appropriate renewable energy technologies.”

GREY WATER
“New buildings employ rainwater catchment and/or grey water reuse technologies to reduce demands for fresh potable water use from Manhattan water system”

RECYCLING
“Divert 30% of material waste from landfill toward goal of eventually being zero waste”

DINING CENTER
“Initiatives to network faculty related to increased capacity of community-based food systems in local area and region”

WATER CONSERVATION
- Front load washing machines
- Low flow toilets and urinals
- Electronic Sensors on flush values
- Grey water system for toilet flushing or landscape irrigation (future)
- Bottle fillers at drinking fountains
- LED lights
- Motion detectors and other occupancy sensors to reduce lighting loads
- Daylight harvesting
- High efficiency kitchen hood exhaust
- High efficiency heating & cooling
- Occupancy sensors in student rooms

ENERGY EFFICIENCY
- High efficiency windows that allow the maximum amount of light while reducing harmful UV rays and heat transfer.
- Appliances that meet the EPA’S ENERGY STAR efficiency criteria
- LED lights
- Motion detectors and other occupancy sensors to reduce lighting loads
- Daylight harvesting
- High efficiency kitchen hood exhaust
- High efficiency heating & cooling
- Occupancy sensors in student rooms

DINING CENTER
- K-State College of Agriculture locally produced food
- Composting
- Trayless Dining
- Carpet tiles in lieu of rolled goods
- Single stream recycling collection areas and receptacles
- Adaptive reuse of an existing building
- Low-VOC paint and floor finishes
- Bicycle storage for 50% of occupants
- K-State College of Agriculture locally produced food
- Composting
- Trayless Dining
- Carpet tiles in lieu of rolled goods
- Single stream recycling collection areas and receptacles
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- Low-VOC paint and floor finishes
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- Bicycle storage for 50% of occupants

WASTE REDUCTION
- Low flow shower heads
- K-State College of Agriculture locally produced food
- Composting
- Trayless Dining
- Carpet tiles in lieu of rolled goods
- Single stream recycling collection areas and receptacles
- Adaptive reuse of an existing building
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