## Rochester Institute of Technology

## Global Village Case Study



## **Sustainable Building Highlights**

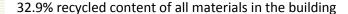
Energy use: 45.5% energy cost reduction from ASHRAE Standard 90.1, 2004

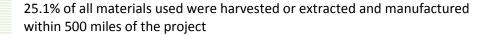
Water use: 42.3% reduction from Energy Policy Act of 1992 Fixture Performance Requirements

On Site Renewable Energy: 2.71% of the building's annual energy cost is offset with Photovoltaic Panels

Green Power: 35% of the buildings electricity is supplied from renewable sources with engagement of a two-year renewable energy contract with Hess Energy

89% or 613 Tons of construction waste was diverted away from landfills employing recycling strategies





8% of the total value of materials come from rapidly renewable materials (plants that are harvested within a ten-year cycle)



Dedicated open space on the campus equal to the building footprint to remain "forever wild"



The Global Village Building on the RIT campus is located in the southwest wedge of the 1300 acre campus, situated on a 6.15 acre parcel. The building is situated in the academic quadrant of buildings, between the Golisano College of Computing , the University Services Center, and the Crossroads Building.

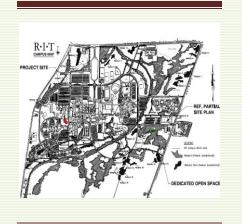
Supporting the global and entrepreneurial missions of RIT, Global Village provides resources that prepare students to enter the global community and culturally diverse workforce, including educational programming, activities and an international living environment that represents regions from around the world — East Asia, the Middle East, Central Europe and Central America.

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## Global Village

housing, dining and lifestyle options. Global Village features restaurants, convenience store, copy center, mail/package facilities and a fitness center. The complex also houses academic space for multi-cultural and study abroad groups as well as an Entrepreneurial Center.

Global Village's 210 -bed student residences — available to upper-class students — have décor reminiscent of regions from around the world - East Asia, the Middle East, Central Europe and Central America.

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groups as well as an Entrepreneurial Center.

Global Village's 216-bed student residences — available to upper-class students — have décor reminiscent of regions from around the world.

The exterior-site development represents RIT's ongoing effort to utilize more outdoor space for year round student activity and to foster social interaction. An outdoor plaza was developed that includes casual and formal outdoor restaurant and café seating for over 200 people, an outdoor living room/lounge with a fire pit and small performance area, and a south sun-facing lawn "beach" for a range of seating and socializing options. During the winter, the outdoor lounge transforms into a small skating rink. The addition of a "green roof" above the ground level restaurant provides attractive views from rooms above as well as increased habitat and improved stormwater quality. The project's layout is also planned to accommodate residential expansion in this attractive, walkable environment close to the academic core.

The Global Village mixed use complex wraps a central plaza which continues the network of open, public spaces of the existing core campus. The building's steel base houses the restaurant, convenience store, fitness center, post office, meeting rooms, and allows a pass through the South Gate connecting to the University Commons residence halls. The second level provides a public way of connecting to the campus above the plaza by walking past the academic wing on the north "leg" of Global Village and through the West Gate. The residence hall portion of Global Village starts on the second level and continues up to the fourth level.