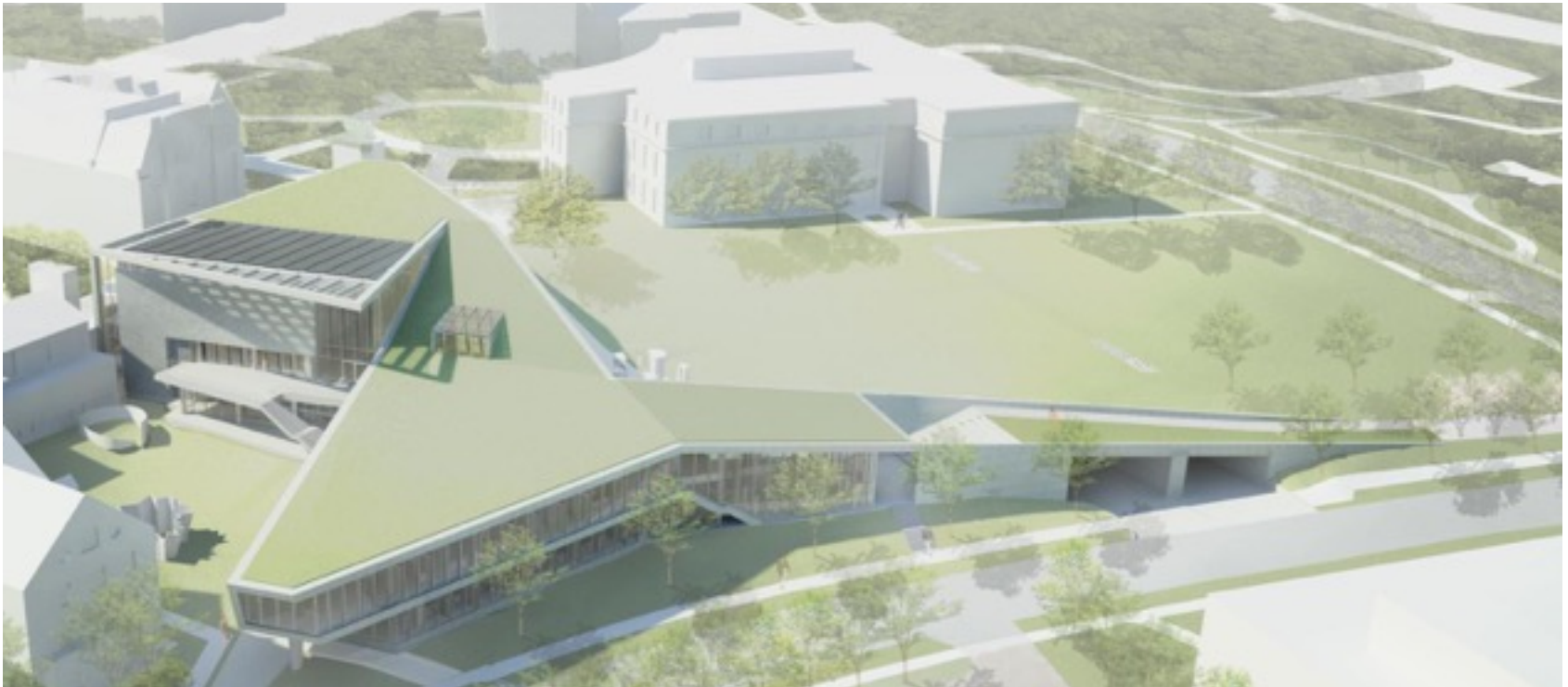


CWRU'S TINKHAM VEALE UNIVERSITY CENTER A HIGH PERFORMANCE GREEN BUILDING



The Tinkham Veale University Center is Certified LEED Gold With the U.S. Green Building Council – Aug 2015





Leadership in Energy and Environmental Design

A leading-edge system
for certifying the
greenest performing
buildings in the world

LEED® Facts
Building size 12,500 square ft
Type of building
LEED for Core & Shell Development
Certification awarded July 27, 2006
Platinum
Sustainable Sites
Water Efficiency
Energy & Atmosphere
Materials & Resources
Indoor Environmental Quality
Innovation & Design
*Out of 62

LEED® Facts
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*Out of a possible 62 points

USGBC has four levels of LEED:



**ENERGY
USE**

24%* -50%**

**CO₂
EMISSIONS**

33%*** -39%**

**WATER
USE**

40%**

**SOLID
WASTE**

70%**

Green Buildings Can Reduce...

* Turner, C. & Frankel, M. (2008). Energy performance of LEED for New Construction buildings: Final report.

** Kats, G. (2003). The Costs and Financial Benefits of Green Building: A Report to California's Sustainable Building Task Force.

*** GSA Public Buildings Service (2008). Assessing green building performance: A post occupancy evaluation of 12 GSA buildings.

A Few of the Tinkham Veale University Center Green Building Features Include:

1. Green **vegetative roof** provides improved insulation, storm water retention
2. **Daylighting and occupancy sensors to reduce electrical consumption**
3. High performance envelope, **high insulation** and low UV transmission, double curtain wall, automatic shades
4. **Hydronic systems (radiant slab, chilled beams) offers efficient heating and cooling**
5. 40 kW Rooftop **photovoltaic solar array** produces electricity to minimize the building's carbon footprint
6. **Food pulper to create compost feedstock**
7. Water bottle filling stations

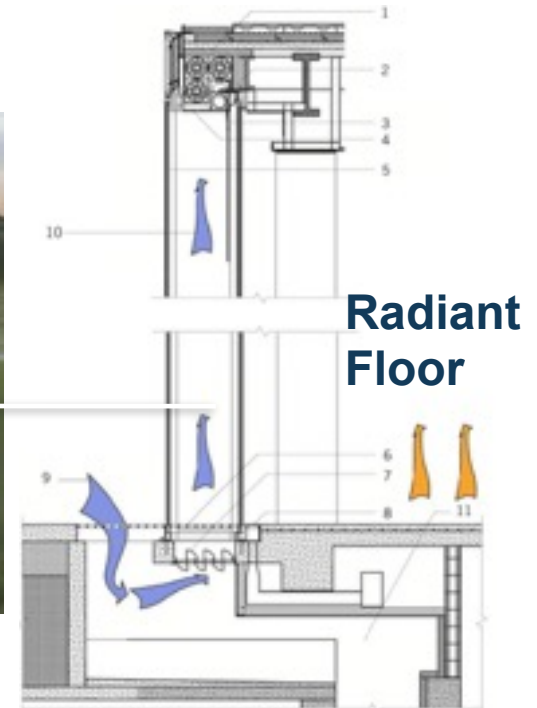
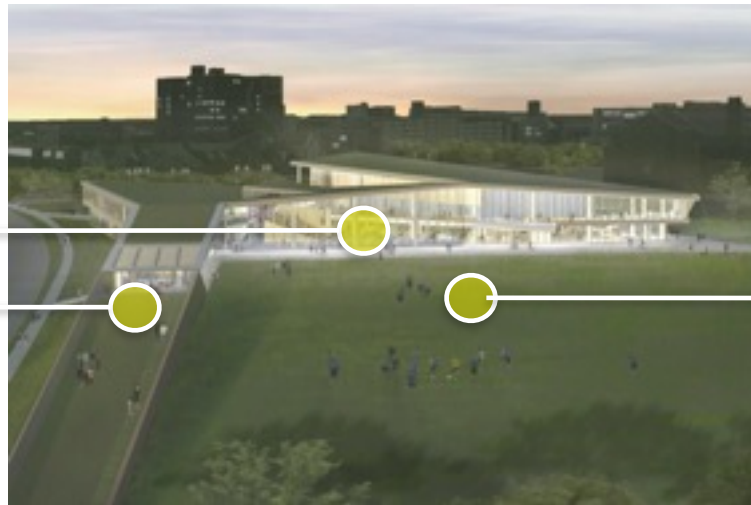
Tink Energy Conservation Features

40kW Solar Array



Live Roof

Double-Skin Facade



What You Can Do to be Green in the Tink



- Use the water bottle filling stations
- Use Less, Recycle the Rest!
- Enjoy the local food
- Tell your friends about Tink's Cool Green Building Features!