

Slide 1 Why Stony Brook University should play a leadership role on Long Island (maybe should be only Suffolk County for now?)

It can help both the community and the university.

Slide 2 Long Island needs leadership for sustainable development

We are facing numerous sustainability issues:

- Non-protected space will be built out by 2015
- Dependent on cars for majority of transportation needs
- Young adults leaving because of high cost of living
  - home prices, real estate taxes
  - energy costs, food
- More homes occupied by empty nesters and retirees on fixed income
- Global warming: disproportional affect on LI coastal communities
- Increasing energy prices
  - More expensive to drive, and to heat and cool homes and businesses

Slide 3: SBU needs to think about sustainable development in a regional framework

- Expansion to Southampton and R&D Park makes us more of a regional player
- We are the largest single-site employer on LI
- Increased student enrollment will bring increased traffic, land-use, waste-disposal
- We already agreed to reduce carbon footprint
  - Must consider off-site carbon costs such as commuting
- Cutting trees, and building dormitories and parking lots on campus
  - increases carbon footprint
  - destroys aesthetics of campus
- **Sustainability is an important goal and cannot be accomplished in isolation**

Slide 4: Possible stakeholders in regional sustainability

- Local governments:
  - County, Towns, Villages
- Government Agencies
  - Department of Transportation, Local Highway Departments, Department of Environmental Conservation, Water Authority, Department of Public Works
- Public Transportation Agencies
  - LIRR, Suffolk County Transit
- Utility Companies
  - LIPA, Keyspan
- Conservation Organization
  - Nature Conservancy, Pine Barrens Trust

Slide 5: Just a few of the potential solutions (may need to break up into several slides)

- Cheap, efficient public transportation
  - Fewer parking lots needed on campus
  - Reduces carbon footprint

- Encourages students to live off campus
- Expand nearby, off-campus housing opportunities
  - More legal apartments in existing homes near university campuses
    - provides income to owners and homes for students
  - More high density, moderately priced housing near university campuses
  - Benefits:
    - Reduces need for increased housing on campus
    - Reduces commuting distances and carbon footprint
    - More livable communities
- Safe bike and pedestrian paths connecting campus to surrounding area
  - Encourages people to walk or bike from campus to local businesses
  - Encourages people to walk or bike for commuting