PARTNERSHIP for ACTION LEARNING in SUSTAINABILITY

PALS

NATIONAL CENTER FOR SMART GROWTH - THE UNIVERSITY OF MARYLAND
Year-long, Campus-wide focus on one community
Innovative, low-cost assistance, focused on a local government’s specific needs.
Full access to depth of knowledge and experience of UMD’s faculty
Students putting classroom concepts, critical and creative thinking to work in ways that matter.
All of UMD’s resources aimed at advancing environmental, economic and social sustainability in Maryland communities.
PALS and Frederick Highlights

350 students
25 courses
50,000 hours
focused on supporting Frederick’s sustainability efforts
Assessing the needs of and improving communication with the immigrant community along the Golden Mile
Project Spotlight

Design proposals for 6 neighborhoods to create “Greater Carroll Creek”
Project Spotlight

C-2 property assessment and redevelopment design plans
“Now that we’ve seen some of the work products from the classes, I think it is some of the best bang for the buck.”

– Kelly Russell, Alderman, Frederick, MD
City Residents joined 50 graduate and undergraduate architecture students to develop a master plan for downtown revitalization.
PALS and College Park Highlights

75 students
4 courses
10,000 hours
focused on supporting College Park’s sustainability efforts
CP Community GHGs, 2013

- Commercial: 60%
- Transportation: 30%
- Residential: 9%
- Solid Waste: 1%

GHGs by Source, 2013

- Electricity: 32%
- Natural Gas: 37%
- Gasoline: 29%
- Other: 2%
Making Place: Public Art & Design
Improving Solid Waste Practices

- Education
  - Residents
  - Students
- Outreach
  - Residents
- Composting
  - Cost-Benefit Analysis
  - Backyard Composting
Designs for New City-University Hall