GIS Applications

Peter Barker
Why is **Sustainability** important in New York City schools?

- 1,800 schools
- 1 million meals served
- 1.1 million students

**HUGE IMPACT**
**DOE Sustainability**

**Outreach**

- Support school sustainability programs
- Connect schools with grants, resources, and opportunities
- Conduct trainings for students, school staff, and custodial teams

**Facilities**

- Install solar systems and resiliency projects
- Oversee the Demand Response Program to reduce electricity consumption
- Waste management
Our Questions

1. How can our team better interface with data both in the office and in the field?

2. How can we make this data available and digestible for our partner organizations and stakeholders?
Main Data Sources

**Qualitative**
- Compliance reports
- Annual school based staff surveys
- Sustainability engagement and programming
- Partner organization outreach

**Quantitative**
- Facilities operations
- Individual school demographics
- Department of Sanitation services
- Meals served
- Enrollment & economic need
Accessible on the Go
External Partner App
Data for Everyone

schools.nyc.gov/sustainability

sustainability@schools.nyc.gov
Demand Response Events

# of Events

- 10 - 12
- 8 - 10
- 6 - 8
- 4 - 6
- 2 - 4

schools.nyc.gov/sustainability

✉️ sustainability@schools.nyc.gov
Targeted Outreach
Targeted Outreach
Targeted Outreach
What's next from us?

• Application for teachers and students
• More urban systems
• Climate impacts and Resiliency
• Energy efficiency and operations

NYC Metal/Glass/Plastic Recycling

schools.nyc.gov/sustainability
sustainability@schools.nyc.gov
Thank You!

Peter Barker
Sustainability Specialist
pbarker2@schools.nyc.gov