PURPOSE:
The PSEG Institute for Sustainability Studies (PSEG ISS) is playing a transformative role in transdisciplinary research and education to address the real-world sustainability issues of our time. Through growing partnerships with sustainability professionals, organizations, and municipalities, PSEG ISS provides its partners essential research and knowledge on how human activity impacts globally-connected communities, ecosystems, and economies, and recommends feasible approaches to achieve the changes needed.

SOLUTION:
PSEG ISS and New Jersey Higher Education Partnership for Sustainability (NJHEPS) offer team-based paid internships in collaboration with hosting companies and organizations. Transdisciplinary teams of students provide deliverables to assist hosting organizations with addressing their sustainability challenges.
Over ten weeks students work with industry experts to achieve high-level deliverables and present a comprehensive and actionable written report in addition to a group TED-style presentation to their hosting organization.

Projects Conducted:

- Identified Electric Vehicle (EV) buses for NJ Transit routes
- Created corporate 2-degree scenario analysis to align with the Paris Accord
- Generated renewable natural gas infrastructure feasibility study
- Created voice assistant technologies for energy company customers
- Waste diversion circular economy + startup business from recyclables

The mission:
The PSEG Institute for Sustainability Studies' mission is to advance sustainability by developing community-engaged research projects and building educational programs through academic-corporate-public partnerships.

Participation:
25 organizations
26 universities
63 majors
180 students

Projects:
4 years
40 weeks
72k project hours
128 completed projects

For more information or to apply visit www.montclair.edu/iss
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