

# E<sup>2</sup> Energy to Educate: Project Profiles

## Solar One, New York

- Implemented the Green Design Lab in NYC schools, working directly in 15 schools and reaching an additional 109 schools through the Sustainable Schools network.
- Through Energy Challenge, reduced average school energy usage by 6.8%
- Students conducted experiments on electricity, including circuits and soldering techniques to building model solar race cars and constructing model wind turbines and measured their electrical output.
- Students designed and implemented a School Sustainability Project, including school gardens and greenhouses, lighting improvements, and solar PV technology on school campuses.
- GDL energy unit assessment scores show nearly 40% improvement.

