

## ENERGY IMPROVEMENTS AT OLIN'S SHANGHAI SITE REDUCE CO<sub>2</sub> EMISSIONS

*This sustainability story is one of many that shows how Olin products, technologies, ideas, and people are having a positive impact on our world.*

### SUSTAINABILITY CHALLENGE

- The Olin Shanghai laboratory and office relied on fossil-based energy sources.
- Improving the energy source and making other small changes could lower the site's carbon footprint.

### POSITIVE IMPACT

- The actions taken led to a reduction of more than 453 tons of CO<sub>2</sub> emissions per year.
- A Green Energy Certification was issued by the China Energy Bureau.

### OLIN'S SOLUTION

- The electricity source for the Shanghai laboratory and office was changed to solar energy.
- An Ethylene glycol heat recovery system was added to the fresh air unit and exhaust fan.
- All fluorescent lights were changed to LED, and power systems were reduced at night.
- An induction start and stop system was added to the basement garage lighting system.
- A boiler exhaust gas reuse device was installed to reduce emissions.



**DID YOU KNOW?**

Olin's Shanghai laboratory teammates innovate sustainable epoxy products to improve the safe use and lifespan of electronics, infrastructure, and more.