Companies are transforming used, non-recycled plastics into fuel and petroleum-based products. These plastics-to-fuel technologies, which complement ongoing recycling efforts, are being embraced as a way to recover clean energy from plastics that cannot be economically recycled. Growing interest and investments in plastics-to-fuel technologies can reduce the amount of waste sent to landfills and generate fuel and other useful products to help power America’s transportation system and local economies.

PTF technologies should be recognized as complementary to recycling and an important part of a community’s integrated solid waste management. Laws and regulations should identify PTF companies as producers of an alternative energy source. Rather than a form of disposal, this process should qualify as utilizing raw materials for a manufacturing process under existing state and local regulations.

States should ensure their permitting frameworks and regulations for PTF and conversion technologies reflect 21st century innovations.

**ECONOMIC POTENTIAL FOR PLASTICS-TO-FUEL TECHNOLOGIES IN THE U.S.**

The U.S. could support up to 600 PTF facilities, generating nearly 39,000 jobs.

- **38,900 jobs**
- **$6.6 billion** investment to build new facilities
- **$2.1 billion** in annual payrolls generated
- **$8.9 billion** U.S. economic output from PTF operations

- **8,800** directly employed
- **17,200** employed in supply chain industries
- **12,900** payroll-induced jobs would be supported

States and local governments should ensure their laws are updated to support the potential of PTF technologies:

- PTF technologies should be recognized as complementary to recycling and an important part of a community’s integrated solid waste management.
- Laws and regulations should identify PTF companies as producers of an alternative energy source. Rather than a form of disposal, this process should qualify as utilizing raw materials for a manufacturing process under existing state and local regulations.
- States should ensure their permitting frameworks and regulations for PTF and conversion technologies reflect 21st century innovations.