

## **Plastic Waste Reduction and Recycling Act Section-by-Section**

Section 1. Short Title – Plastic Waste Reduction and Recycling Act.

Section 2. Findings.

Section 3. Definitions.

Section 4. Plastic Waste Reduction and Recycling Program. – Directs the Director of the Office of Science and Technology Policy to establish a “Plastic Waste Reduction and Recycling Program.” The purpose of the program is to improve the global competitiveness of the United States plastics recycling industry, ensure U.S. leadership in plastics waste reduction and recycling research, ensure U.S. leadership in national and international standards development, and reduce the harmful effects of plastic waste.

Section 5. Coordination by Interagency Committee. – Directs the Director of the Office of Science and Technology Policy to establish an interagency committee to coordinate the program, develop definitions for the terms “recycle” and “recyclability,” and develop a strategic plan for plastic waste reduction and recycling and plastic waste remediation.

Section 6. National Institute of Standards and Technology. – Directs NIST to carry out research and provide the metrology basis for standards development for plastics recycling and related technologies, and to develop a clearinghouse to support dissemination of the tools, guidelines, and standards supported by the program.

Section 7. National Science Foundation. – Directs NSF to support interdisciplinary research and curriculum development on advanced polymers, plastic waste remediation, and advanced recycling technologies.

Section 8. Department of Energy. – Directs DOE to support research and other activities on chemical recycling and recyclability-by-design.

Section 9. Environmental Protection Agency. – Directs EPA to support research and other activities on innovative plastic waste management, and public health impacts of airborne and waterborne microplastics.

Section 10. Department of Transportation. – Directs DOT to support research and other activities on integration of recycled plastics in transportation infrastructure.

Section 11. National Oceanic and Atmospheric Administration. – Directs NOAA to support research and other activities on plastic marine debris, ocean plastic pollution, and health impacts of oceanic microplastics on human and marine health.

Section 12. Comptroller General Report. –Directs GAO to assess the program after three years to determine the program’s progress in achieving its goals.

Section 13. Authorizations. – Authorizes appropriations to the National Institute of Standards and Technology, the National Science Foundation, the Department of Energy, the Environmental Protection Agency, and the National Oceanic and Atmospheric Administration to carry out activities under this Act.