



Indiana Department of Environmental Management

Fiscal
Year
2023

Recycling Market Development Program Annual Report

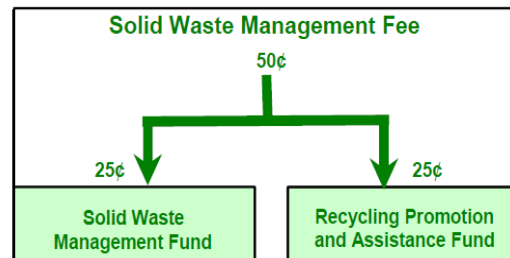
July 1, 2022 through June 30, 2023

Prepared by:
Indiana Recycling Market
Development Program

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The Recycling, Education, and Quality Assurance Section within the Office of Program Support provides financial and technical assistance to develop recycling activities through two means: the Solid Waste Management Fund (SWMF) (IC 13-20-22-2) and the Recycling Market Development Program (RMDP) (IC 4-23-5.5-14). The RMDP works to reduce solid waste disposal and increase Indiana’s recyclable material manufacturing capacity, as well as increase the use of recycled products by working with local units of government, solid waste management districts, schools, nonprofits, businesses, and recycling industries. Promoting the concept of collecting, using, and producing recycled materials in Indiana supports the agency’s initiatives of job creation and economic stability leading to environmental stewardship of natural resources. Relunched in 2019, after a suspension of recycling grants offered through the SWMF, the Community Recycling Grant Program (CRGP) assists in meeting the goals of the SWMF. The SWMF’s goals complement the RMDP and promote recycling, waste reduction, management of yard waste, and household hazardous waste source reduction or recycling.



TOTAL REVENUE RECEIVED FOR THE RPAF FOR FISCAL YEAR 2023 WAS \$2,633,090

Funding for the SWMF and RPAF comes from the Solid Waste Management Fee (IC 13-20-22-1). The fee consists of a charge of \$0.50 per ton on solid waste, which includes municipal solid waste (MSW), non-MSW, as well as construction and demolition debris (C&D) for final disposal at Indiana MSW landfills and incinerators. According to statute, the revenues are evenly deposited into the SWMF and the Recycling Promotion and Assistance Fund (RPAF). The SWMF supports the Community Recycling Grant

Program. The RPAF supports the Recycling Market Development Program. The total balance for the RPAF at the end of Fiscal Year 2023 was \$18,191,804.48.

To support IC 4-23-5.5-14 goals of promoting and assisting recycling throughout Indiana by focusing on economic development efforts, the RMDP offers grants to eligible Indiana businesses, local government, solid waste management districts, schools, and nonprofit organizations. Funding decisions for the RMDP projects are approved by the Recycling Market Development Board.

A total of \$2,00,000 was awarded from the Recycling Market Development Program in Fiscal Year 2023.

Nine Indiana organizations received grant funding last year totaling \$2 million to expand recycling in the Hoosier state. The joint effort represents over \$15 million in expected total investments that will benefit the environment and economy. These projects increased the amount of recycling for residential recyclables, plastic film, tire rubber, organics, and e-waste from municipal solid waste by almost 96,300 tons per year.

- **Electronics Recyclers International, Indiana Inc. - Hendricks County:** Awarded \$139,457 to purchase customized battery collection kits, a battery shake and sort machine, and a Fire Rover system to assist in the safe collection and processing of batteries. The project allows a variety of battery types to be safely collected in one

container for ERI to later sort batteries by chemistry. The Fire Rover system uses thermal camera detection to identify hotspots before flare-ups to prevent battery-caused fires. The project is expected to provide greater access and increase battery recycling and landfill diversion in Indiana and is projected to create six additional jobs.

Entech, Inc. - Elkhart County: Awarded \$457,029 towards the purchase of a tire shredding system to increase the processing capacity of tire chips for production of metal ingots and processed rubber for compression rubber molding parts, rubberized asphalt blending, turf fields, and other industrial uses. The new system provides new capacity to divert an additional 16,500 tons of passenger tires a year.

Intertech Products, Inc. - Wabash County: Awarded \$96,710 to purchase a baler, rotating forks, and storage fencing to allow them to economically package and handle waste plastic foam for transport to a recycling facility. Successful implementation of the project will divert approximately 516 tons a year of plastic foam waste from local landfills.

Knox County Recycling Solid Waste Management District - Knox County: Awarded \$154,829 to purchase equipment, make building improvements, and create new educational materials for a new drive-thru recycling collection center. The district anticipates to double the county's recycling rate with the new facility.

Muncie Sanitary District - Delaware County: Awarded \$468,798 towards the purchase of automated arm bodies for two recycling trucks and recycling totes to transform the city's residential curbside recycling program from blue bag to containers. The transition will increase route efficiencies, lower contamination, and increase waste diversion by 50 percent annually.

Orange County Solid Waste Management District - Orange County: Awarded \$56,817 towards the purchase of horizontal baler with two conveyor belts, skid steer, paper shredder, glass crusher and 3 hoppers to expand county drop off recycling services. As a result of this project, Orange County Solid Waste expect a 50% increase in waste diversion and expand recycling options to include glass.

Petoskey Plastics, Inc. - Blackford County: Awarded \$400,000 for two material conversion systems to process tires into four commodities: fuel, carbon, petroleum-based liquid, and steel. The project plans to process approximately 2.8 million passenger equivalent 22 pound tires per year while creating seventy direct labor jobs.

RecycleForce - Marion County: Awarded \$87,500 towards the purchase of a polystyrene compactor, 3 vertical balers, and thirty steel hoppers. In addition, the funding will help provide education through paid tv, radio, & signage. The award will help RecycleForce to help establish and support a new recycling hub at their new facility that will provide free drop-off recycling and increases their capacity to approximately 4,000 tons per year.

Rumpke of Indiana, LLC - Monroe County: Awarded \$365,958 towards the purchase of a horizontal baler to be used at a new Monroe County resource recovery facility. The

new facility will increase recycling opportunities for single stream, cardboard and glass to Monroe and surrounding counties.

As a result of new legislation that went into effect for Fiscal Year 2023, HEA 1226 established the central Indiana waste diversion pilot project for purposes of determining the most practical and effective means of diverting recyclable materials from waste streams for the purpose of commercial reuses (IC 13-20-26). With the release of additional funding opportunity, the Recycling Market Development board awarded two Marion County based organizations a total of \$2,270,000 to expand central Indiana's recycling infrastructure.

Indianapolis Motor Speedway, LLC (IMS) – Marion County: Awarded \$270,000 to expand recycling collection efforts throughout the Indianapolis Motor Speedway's facility and grounds. The expansion of public access recycling at IMS events is anticipated to divert an additional 165 tons per year of recyclable materials.

Republic Polymers – Marion County: Awarded \$2,000,000 to purchase to purchase and install medium infrared (MIR) optical sorters to recover black plastic from the single stream recycling programs in Indiana. This equipment is part of a larger project that is estimated to add 60 new jobs and divert an additional 80,000 tons per year of post-consumer plastic.

"IDEM is recognized as the leader in Indiana for recycling advocacy and growth. The voice of IDEM staff is providing guidance to residents, SWDs to develop greater access and participation in recycling activities throughout the state. This partnership with business and industry through this grant program is an important component to increase recycling opportunities in Indiana."

-Rumpke of Indiana, LLC

Since 2008, the Recycling Market Development Board has awarded funding for 127 projects totaling over \$14.6 million, created an estimated 1,007 jobs, and diverts over a million and a half tons of recyclable materials annually. Types of materials include C&D debris, used oil, aluminum scrap, glass, wood waste & organics, plastics, and rubber. The included map shows the locations for grant funded projects in FY 2023.

For more information about recycling in Indiana and recycling resources, please visit the *Recycle Indiana* Web site at: www.recycle.IN.gov .

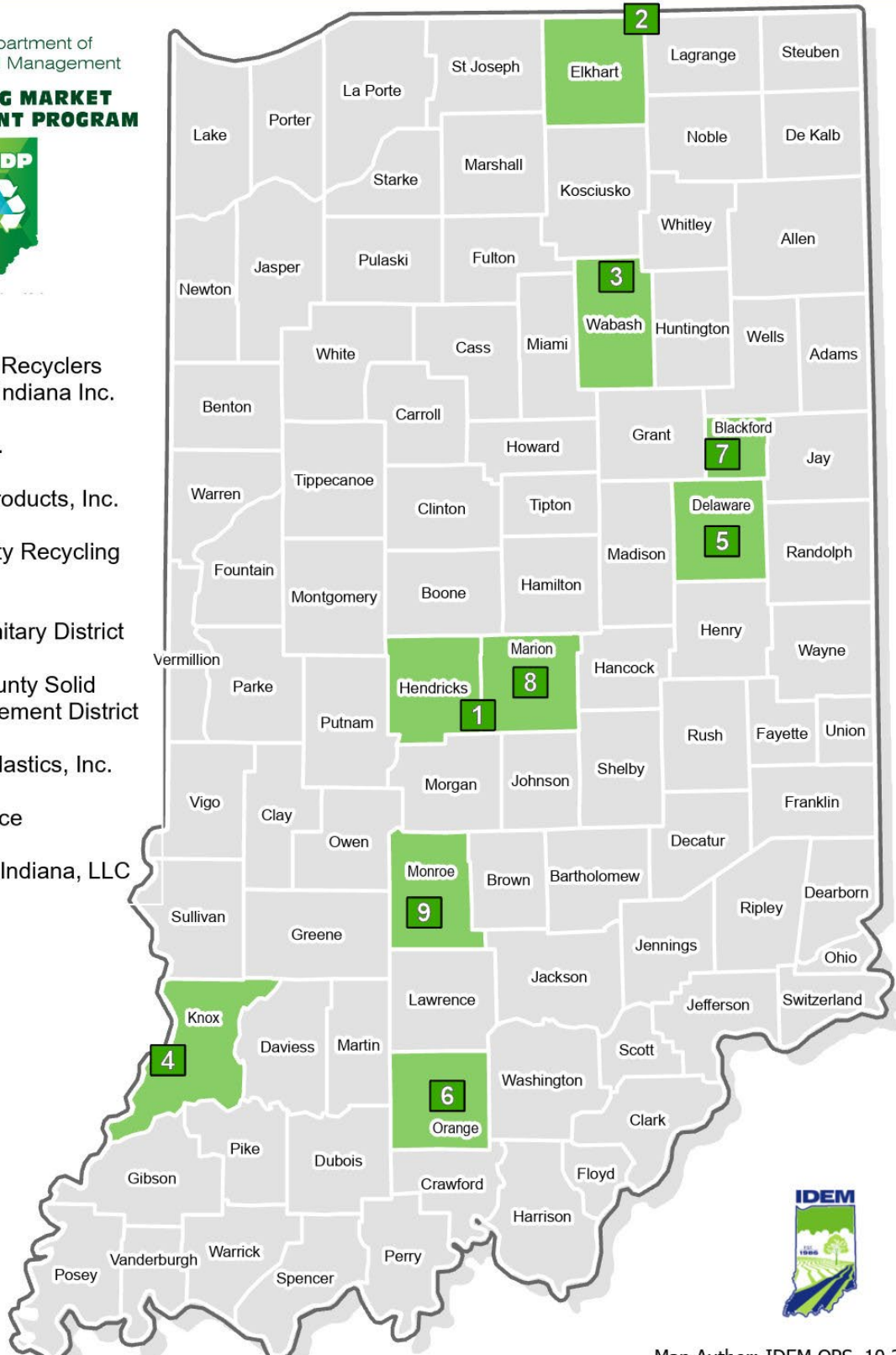
Fiscal Year 2023 Recycling Market Development Program Grants

Indiana Department of Environmental Management

RECYCLING MARKET DEVELOPMENT PROGRAM



1. Electronics Recyclers International, Indiana Inc.
2. Entech, Inc.
3. Intertech Products, Inc.
4. Knox County Recycling SWMD
5. Muncie Sanitary District
6. Orange County Solid Waste Management District
7. Petoskey Plastics, Inc.
8. RecycleForce
9. Rumpke of Indiana, LLC



Map Author: IDEM OPS, 10.3.23