

Fiscal
Year
2021

Indiana Department of Environmental Management



Recycling Market Development Program Annual Report

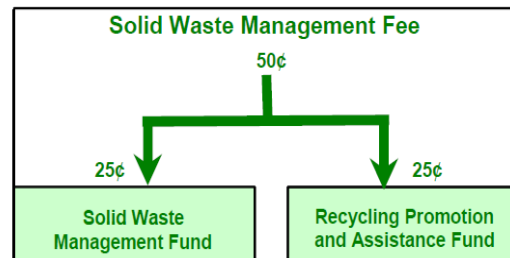
July 1, 2020 through June 30, 2021

Prepared by:
Indiana Recycling Market
Development Program



A State that Works

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 (FY) 2021 was \$2,231,341.

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.

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.

Total of \$1,000,000 was awarded for grants from the Recycling Market Development Program in FY 2021.

Eight Indiana organizations received grant funding last year totaling \$1 million to expand recycling in the Hoosier state. The joint effort represents nearly \$3 million in expected total investments that will benefit the environment and economy. These projects increased the amount of recycling for curbside recyclables, plastics, cardboard, and e-waste from municipal solid waste by almost 6,700 tons per year.

Dearborn County Solid Waste Management District – Awarded \$15,212.50 to purchase recycling drop boxes for collection of cardboard. The district projects a 25% growth of corrugated cardboard recycling resulting in an additional 48 tons per year.

Elliott Company of Indianapolis, Inc, Marion County – Awarded \$18,184.44 to conduct a research project to determine secondary use for polyisocyanurate (PIR) foam

known as ELFOAM to reduce industrial waste from production. The research plan will prepare samples and obtain data to ascertain whether pelletized recycled ELFOAM® is a viable substitute for light weight stone aggregate in roof top and small aesthetic urban garden applications. The project has the potential to divert up to 500 tons of scrap waste from landfills.

Recycling Works, Inc., Elkhart County – Awarded \$478,599.06 to upgrade their material recovery facility with a new system feed/presort conveyor, OCC screen, glass breaker system, medium polisher system, optical fiber sorter, and optical container sorter. The upgrades will increase processing capacity and help to divert an expected 435 tons waste from landfills.

reTHink, Inc, Vigo County – Awarded \$10,454.00 to purchase an injection mold, extruder, and sheet press to up-cycle plastic materials. The equipment will help divert up to 26,000 pounds of plastic from landfills in the first year. Once fully operational they expect a processing capacity of 117,480 lbs.

Richmond Sanitary District, Wayne County - Awarded \$220,000.00 to purchase a recycling truck and curbside recycling container to expand the city's curbside recycling program to include a source separated cardboard collection. The city believes the project will result in doubling the amount of cardboard diverted from the landfill resulting in 328 tons recycled yearly.

Rush County Solid Waste Management District – Awarded \$10,050.00 to purchase a cardboard compactor to effectively capture cardboard in a manner that meets the increase in material while reducing the cost of transportation.

Technology Recyclers, Marion County – Awarded \$97,500.00 to launch a marketing and education campaign to encourage hazardous electronic-waste recycling. The goal is to increase e-waste collection by 25% up to 2,961 tons per year.

Tri-State Resource Recovery Center (TSRR), Vanderburgh County – Awarded \$150,000 to purchase a specialized robotic system to process polypropene (#5 plastic) at their material recovery facility. An additional 20% of HDPE (or #2 plastic) and additional 30% of PET (or #1 plastic) is estimated to be recovered during manual sorting due to the new equipment increasing efficiency on the sorting line.

Since 2008, the Recycling Market Development Board has awarded funding for 116 projects totaling over \$8.8 million, created an estimated 850 jobs, and diverts over a million tons of recyclable materials annually. The included map shows the locations for grant funded projects in FY 2021.

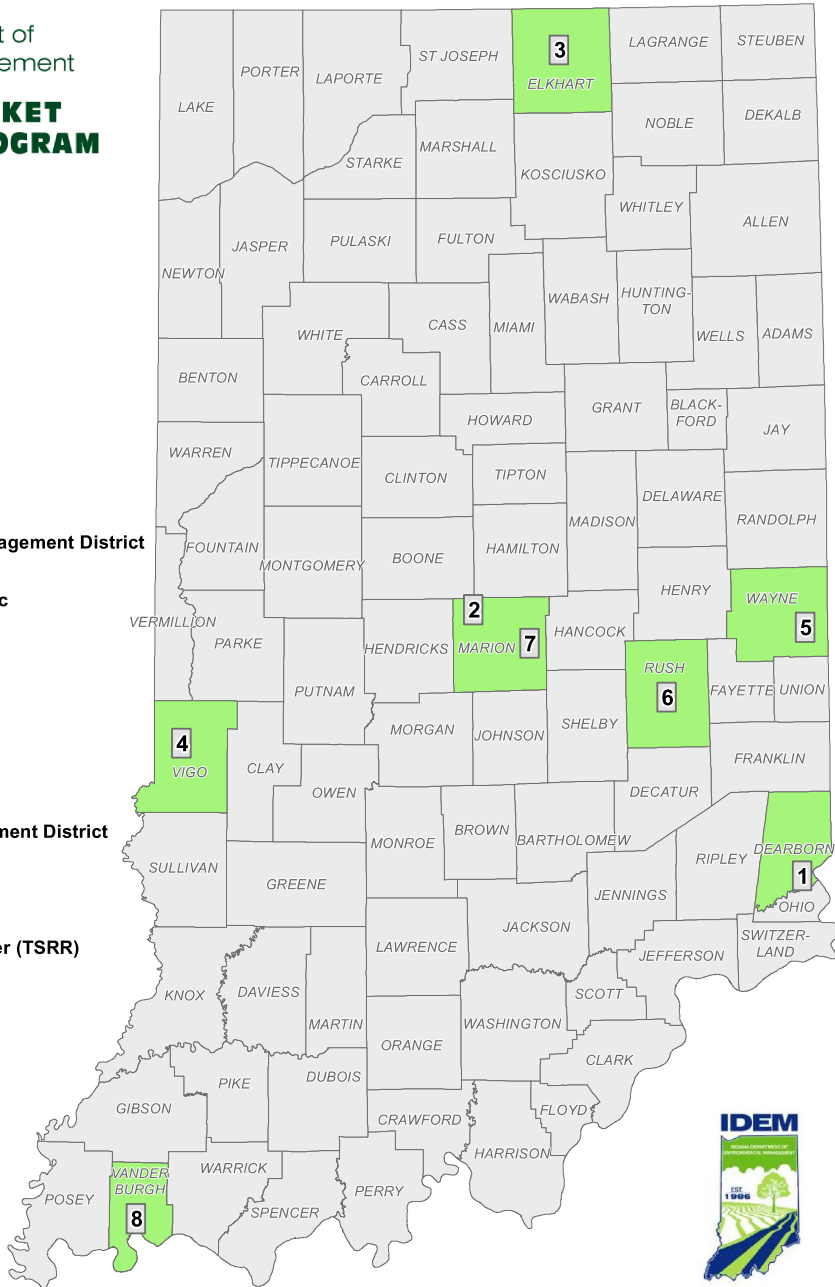
Fiscal Year 2021 Recycling Market Development Program Grants

Indiana Department of
Environmental Management

RECYCLING MARKET DEVELOPMENT PROGRAM



1. Dearborn County Solid Waste Management District
2. Elliott Company of Indianapolis, Inc
3. ReTHink, Inc
4. Recycling Works, Inc.
5. Richmond Sanitary District
6. Rush County Solid Waste Management District
7. Technology Recyclers
8. Tri-State Resource Recovery Center (TSRR)



This map is intended to serve as an aid in graphic representation only. This information is not warranted for accuracy or other purposes.

Mapped By: Sonia Davidson, Information Services | Office of Program Support
Created: 10/19/2020

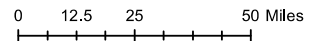
Sources:

Recycling Market Development Program Grants list is maintained by the Recycling Market Development Program in the Office of Program Support.

Data - Obtained from the State of Indiana Geographical Information Office Library

(www.indianamap.org)

Map Projection: UTM Zone 16 N **Map Datum:** NAD83



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