

## Background

The Ohio By-Product Synergy (BPS) Network was launched in April 2010. Our purpose is to help businesses convert wastes into profits and to create environmental, economic and societal benefits across the state of Ohio. The program is led by member-based non-profit organization Sustainable Ohio.

By-Product Synergy is defined as the practice of matching under-valued waste or by-product streams with potential users, helping to create new revenues or savings. By applying these “cradle-to-cradle” design principles, BPS helps companies reduce their energy use and environmental impacts, while stimulating the regional economy. The BPS members are best situated to participate actively in what is known as the “circular economy”.

The BPS Network has served hundreds of Ohio organizations through participation in its quarterly programs. Members have diverted thousand of tons of waste from landfills and turned into resources, raw materials, and feedstock used for the production of goods and services thus increasing value and profits.

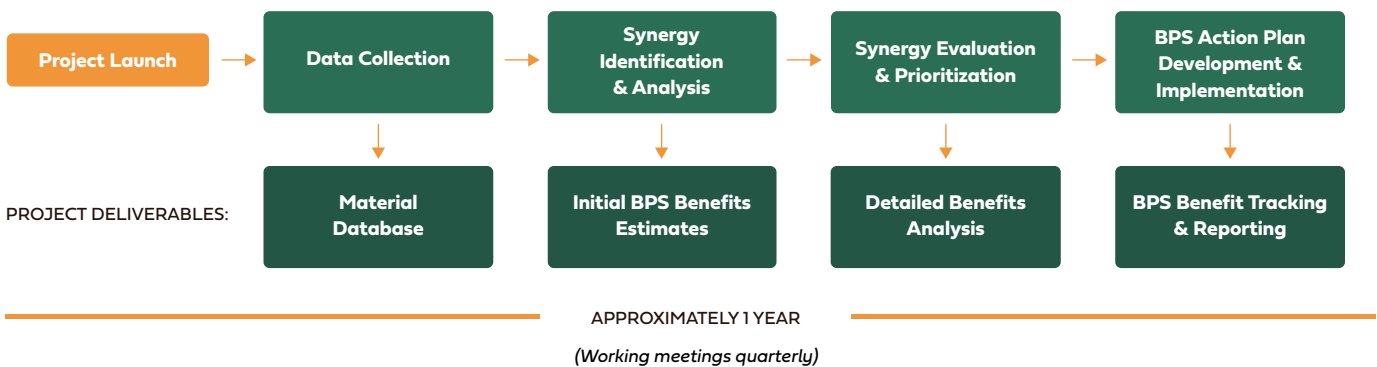
## By-Product Synergy Process

The BPS Network follows a protocol for synergy discovery established by the U.S. Business Council for Sustainable Development. A forum is established where companies, regulators, academia, NGO’s and local governments explore reuse opportunities through collected information and facilitated interactions.

Network participants and members sign a Non-Disclosure Agreement before participating in BPS events. The BPS process breaks down the barriers to cross-industry communication, by fostering dialogue and working to identify supply chain localization and waste minimization opportunities. Relationships from with diverse participants through information gathering, facilitation, trust and bridge building.

Each organization’s inflows and outflows are categorized and analyzed for synergies through facilitated working sessions with the participants. Action plans are developed for prioritized synergies determined to be commercially viable. Strategies for addressing technical, regulatory or other barriers are provided. Implemented synergies may decrease pollution, lower energy needs, reduce material costs, improve internal processes and the bottom line. Regulators support the Network and have demonstrated a willingness to encourage the permitting of reuse options that demonstrate environmental benefits.

**This chart demonstrates potential tools, processes and deliverables of the BPS process:**



## How Do I Join?

Membership is considered for any organization that wants to explore opportunities to transform the waste by-products into something of value or secure recycled “waste” streams for their productive use. An annual membership fee is assessed and based on organization revenue. A Participation Agreement is used to spell out deliverables of the process and requirements of the member companies.

Please visit our website for more info: [www.sustainable-ohio.org](http://www.sustainable-ohio.org)

### UPCOMING MEETINGS:

**Tuesday, May 14, 2024**

Valicor - Middletown, Ohio

**Tuesday, August 13, 2024**

Advanced Drainage Systems - Hilliard, OH

**Wednesday, November 6, 2024**

Shur Green Farms - Ansonia, OH

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