



Energy Efficient, Sustainable Detroit

Resource Guide



INTERNATIONAL
T R A D E
ADMINISTRATION

SMART 
Sustainable Manufacturing
American Regional Tours

Detroit-Area Programs and Resources

Michigan Industrial Energy Center

<http://sitemaker.umich.edu/miec/Home>

The UM-IAC, funded by the US Department of Energy (DOE), helps small and medium sized manufacturers by performing free energy audits for qualified companies. During these day long audits, UM-IAC focuses on reducing energy consumption, reducing waste and increasing productivity. Since 1994, MIEC has helped over 360 companies in the Midwest. Their region consists of a 150 mile radius centering around Ann Arbor, Michigan. MIEC services are free of charge to qualifying companies and are kept completely confidential.

Commerce Connect

U.S. Department of Commerce

<http://www.commerceconnect.gov/>

At its location outside Detroit, CommerceConnect is focused on integrating Commerce Department programs

to help businesses at every point of their life cycle. To do so, the initiative is staffed by specialists trained in the broad range of programs the department offers. They act as case workers for the individual businesses that seek assistance and assess and meet a business's full spectrum of needs – whether it's access to capital, intellectual property protection, export promotion or guidance on how to make operations more efficient. Ultimately, the CommerceConnect initiative aims to create a "one-stop shop" for information, counseling and government services that can help U.S. businesses around the country transform themselves into

globally competitive enterprises.

Michigan Manufacturing Technology Center

<http://www.mmtc.org/> <http://www.mmtcstatewide.org/>

Michigan Manufacturing Technology Center (MMTC) provides Michigan's small and medium sized manufacturers with operational assessment, "lean and clean" process improvement training, mentoring services, website technical assistance and market diversification tactics. MMTC is the Michigan affiliate of federal Hollings Manufacturing Extension Partnership through the National Institute of Standards and Technology.

The Right Place

<http://www.rightplace.org/>

Serving West Michigan since 1985, The Right Place, Inc. is a regional non-profit economic development organization supported through investments from the private and public sector. Their mission is to promote wealth creation and economic growth in the areas of quality employment, productivity and innovation in West Michigan by developing jobs through leading business retention, expansion and attraction efforts.

Michigan Department of Energy, Labor, and Economic Growth

<http://www.michigan.gov/dleg/>

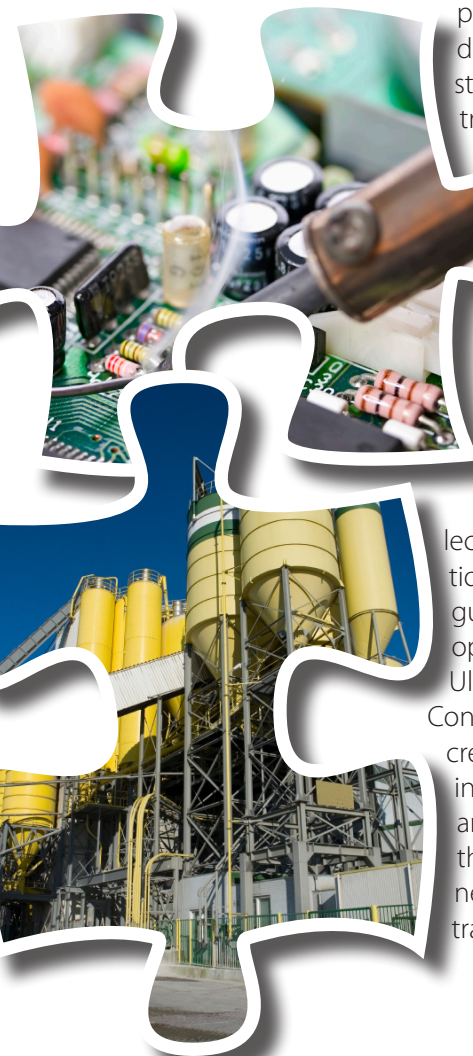
DELEG works to connect Michigan businesses with information on energy efficiency and renewable energy upgrades, as well as financial assistance in this area, and hosts events designed to connect solutions providers with potential customers. The agency also administers grants for "green skills" training, to help Michigan workers take full advantage of the green economy.

Energy Office

Michigan Department of Energy, Labor, and Economic Growth

<http://www.michigan.gov/dleg/0,1607,7-154-25676-00.html>

The Bureau of Energy Systems promotes energy efficiency and renewable energy investment to Michigan's residents, businesses and public institutions. Publications, case studies, and links to tax incentive/rebate programs (found on their website) can help you in your energy saving efforts. The Energy Office maintains targeted



technical assistance programs such as the “Rebuild Michigan” program which fosters partnerships that promote increased energy efficiency within a community. Partners may include local governments, schools, universities, businesses, non-profit organizations and public housing authorities. Finally, the Energy Office administers the Retired Engineer Technical Assistance Program (TETAP) that connects retired professionals with Michigan businesses and institutions to assist them in their pollution prevention efforts.

Michigan Department of Natural Resources and Environment

<http://www.michigan.gov/dnre/>

The Department of Natural Resources and Environment (DNRE) administers several programs that provide incentives to local units of government, business and industry to be proactive in carrying out their environmental responsibilities. Positive public recognition, regulatory flexibility and other incentives are available to those in the regulatory community who go beyond the traditional requirements outlined in the rules and regulations.

Michigan Department of Natural Resources and Environment - Pollution Prevention

<http://www.michigan.gov/deq/0,1607,7-135-3585--,00.html>

The Department of Natural Resources and Environment provides assistance to businesses, institutions and the public to improve the environment and save money by adopting the three “R’s” reduce, reuse and recycle and using green chemistry. Known also as pollution prevention, this is a non-regulatory assistance program that provides information, technical assistance and financial incentives to reduce pollution.

Michigan Economic Development Corporation

<http://www.michiganadvantage.org/>

The Michigan Economic Development Corporation (MEDC) assists and helps thousands of Michigan busi-

nesses grow each year. Whether it’s a new venture, an expansion, a relocation, or even a concern with another agency of state government, the MEDC can help. MEDC supplies customized economic development services to help companies and communities – both large and small – find success in a very competitive global economy. As a public corporation created through an interlocal agreement between state and local governments, the

MEDC is a liaison with local communities and agencies across the state. It is guided by a board comprised of members who represent a cross section of the state economy, business owners and executives, local economic developers and college presidents. A corporation, not a bureaucracy, their policies and procedures meet the needs of the private sector. The MEDC brings together supply and demand and matches up resources and services with the needs of our business customers.

Great Lakes Pollution Prevention Roundtable

<http://www.glrppr.org/>

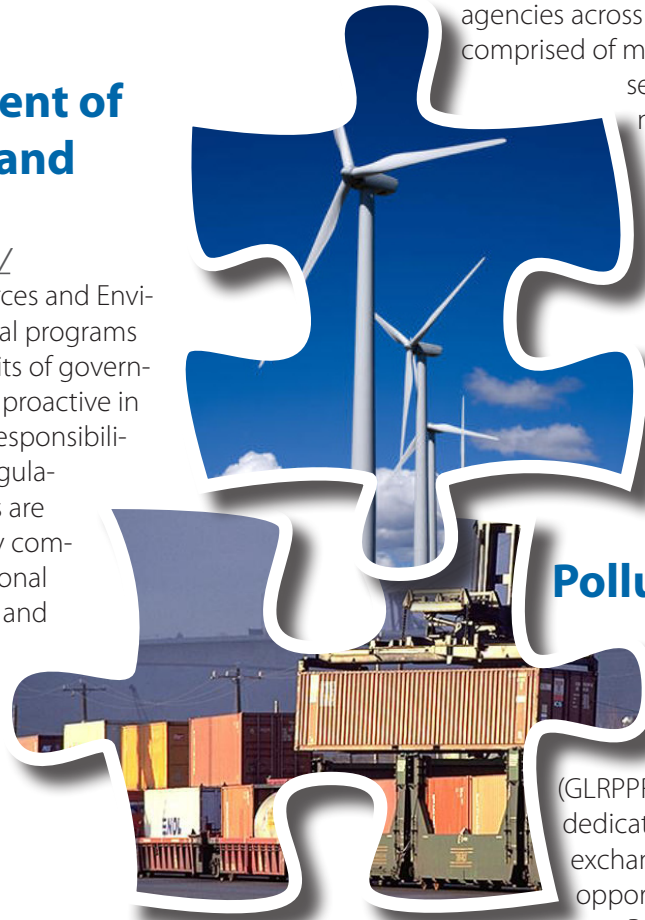
The Great Lakes Regional Pollution Prevention Roundtable (GLRPPR) is a professional organization dedicated to promoting information exchange and providing networking opportunities to a variety of stakeholders. Resources available to businesses

include: specialized information searches, a quarterly newsletter (The LINK), an information clearinghouse, resource materials for small businesses, contacts and expert referrals, training and conferences, and listserves.

Greening Detroit

<http://www.greeningdetroit.com/>

Greening Detroit provides a comprehensive website which includes suppliers of green products and services, along with successful organizations, governments, schools, and informational resources – in support of creating an environmentally sound future for our communities. GreeningDetroit.com’s participating advertisers provide information and resources to help consumers make smart, environmentally conscious decisions about greening their environments – either in their businesses or homes, manufacturing facilities or community centers. GreeningDetroit.com offers interactive learning tips



called "Helpful Hints" for users on making their businesses and homes more environmentally responsible.

Michigan Small Business & Technology Development Center

<http://misbtdc.org/>

The Michigan Small Business & Technology Development Center (MI-SBTDC) enhances Michigan's economic well-being by providing counseling, training, research and advocacy for new ventures, existing small businesses and innovative technology companies.

With offices statewide, the MI-SBTDC positively impacts the economy by strengthening existing companies, creating new jobs, retaining existing jobs, and assisting companies in defining their path to success.

Federal Resources

Sustainable Manufacturing Initiative

U.S. Department of Commerce

<http://www.manufacturing.gov/sustainability>

The Sustainable Manufacturing Initiative (SMI) aims to identify U.S. industry's most pressing sustainable manufacturing challenges and coordinate public and private sector efforts to address these challenges.

Sustainable Business Clearinghouse

Department of Commerce, SMI

http://trade.gov/competitiveness/sustainablemanufacturing/Resource_clearinghouse.asp

The Sustainable Business Clearinghouse is a searchable database that provides U.S. companies with a central portal for information on programs and resources that can assist them in enhancing their competitiveness and profitability in environmentally sustainable ways.

E3: Economy Energy Environment

<http://www.e3.gov/>

E3 – Economy, Energy, and Environment – is a coordinated federal and local technical assistance initiative designed to help manufacturers across the nation adapt and thrive in a new business era focused on sustainability. In the process, E3 is boosting local economies and benefiting the communities with the creation of "green jobs" and reduced environmental impacts. E3 serves as a unique model by working directly with the local manufacturers, utilities, and business communities and streamlining the delivery of the most suitable technical and financial resources to the manufacturers. These resources are leveraged from the pool of following E3 collaborating agencies and programs: Department of Commerce's Manufacturing Extension Partnership,

Department of Energy's Save Energy Now, Environmental Protection Agency's Green Suppliers Network and Climate Leaders, Small Business Administration's Small Business Development Centers and the Department of Labor.

Manufacturing Extension Partnership

National Institute of Standards and Technology

<http://www.nist.gov/mep/>

The National Institute of Standards and Technology's Manufacturing Extension Partnership (MEP) is America's #1 resource for helping U.S. manufacturers use innovation to grow their profitability as they compete for customers in the global marketplace. MEP's nationwide network of field staff serve as trusted business advisors focused on solving manufacturers' challenges and identifying opportunities for growth.



Quick Reference Guide to Growth Financing

NIST, Manufacturing Extension Partnership

<http://www.nist.gov/mep/loader.cfm?csModule=security/getfile&PageID=1521886>

This guide is intended to provide small manufacturers with a better understanding of the range of financial options and resources that may be available to help them to meet their particular financial needs. The guide includes information on a variety of government loan programs, tax incentives, debt and investment options, and other capital enhancement and access strategies.

U.S. Commercial Service

U.S. Department of Commerce

<http://trade.gov/cs/>

The U.S. Commercial Service is the trade promotion arm of the U.S. Department of Commerce's International Trade Administration. U.S. Commercial Service trade professionals in over 100 U.S. cities and in nearly 80 countries help U.S. companies get started in exporting or increase sales to new global markets. U.S. Commercial Service services include: market intelligence, trade counseling, business matchmaking and trade advocacy.

Lean Manufacturing and the Environment

U.S. EPA

<http://epa.gov/lean/>

While lean manufacturing streamlines businesses and saves them money, many of these money-saving techniques also have environmental benefits. This site provides links to resources and guides to help you incorporate environmental principles into existing Lean programs to maximize their economic and environmental benefits.

Department of Energy: Industrial Technologies Program

<http://www1.eere.energy.gov/industry/>

The Industrial Technologies Program (ITP) leads national efforts to improve

prove industrial energy efficiency and environmental performance. ITP is part of the U.S. Department of Energy's Office of Energy Efficiency and Renewable Energy and contributes to its efforts by partnering with U.S. industry in a coordinated program of research and development, validation, and dissemination of energy efficiency technologies and operating practices. The objectives of the program are to provide national leadership in industrial energy efficiency through collaborative technology R&D and development of best energy management practices, promote the use of proven energy management methods and advanced technologies throughout the industrial supply chain, and spur national investment in energy efficiency through strategic partnerships with states, utilities, regional affiliations, other federal agencies, universities, businesses, the financial community, and others.

State Incentives and Resource Database

Department of Energy, Industrial Technologies Program

http://www1.eere.energy.gov/industry/states/state_activities/incentive_search.aspx

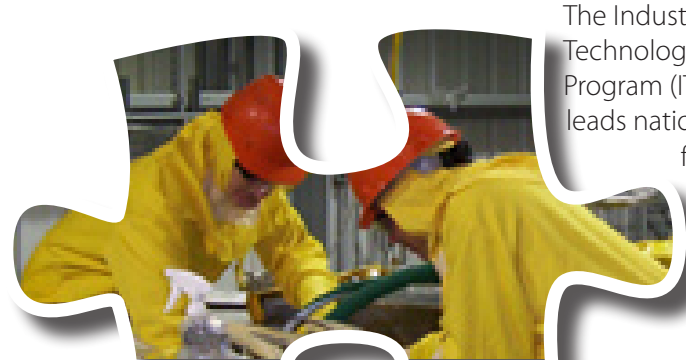
The State Incentives and Resource Database can help commercial and industrial managers seeking to make energy efficiency upgrades in their facilities find the financial and technical incentives, tools, and resources they need. Search the database for resources available in your area. Search results can be filtered by program sponsor, resource type, industrial systems type, and/or energy type.

Database of State Incentives for Renewables & Efficiency (DSIRE)

North Carolina Solar Center and Interstate Renewable Energy Council (IREC)

<http://www.dsireusa.org>

DSIRE is a comprehensive source of information on state, local, utility and federal incentives and policies that promote renewable energy and energy efficiency. Established in 1995 and funded by the U.S. Department



of Energy, DSIRE is an ongoing project of the N.C. Solar Center and the Interstate Renewable Energy Council.

Save Energy Now Program

Department of Energy, Industrial Technologies Program

<http://www1.eere.energy.gov/industry/saveenergy-now/index.html>

Save Energy Now is a national initiative that aims to drive a reduction of 25% or more in industrial energy intensity in 10 years. To achieve this ambitious goal, ITP is partnering with Save Energy Now LEADER Companies and Save Energy Now ALLY Organizations.

Software Tools

Department of Energy, Industrial Technologies Program

<http://www1.eere.energy.gov/industry/bestpractices/software.html>

The Industrial Technologies Program (ITP) offers a collection of free software tools to help you identify and analyze energy system savings opportunities in your plant or industrial facility. Learn more and download the tools to assess the energy situation at your plant and improve the efficiency of your motor-driven, process heating, and steam systems, as well as data centers.

Selected photos courtesy of U.S. Customs and Border Protection and the Department of Energy National Renewable Energy Laboratory



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