



# Michigan Pollution Prevention Research Grant Program

## FY06 Matching Grants to Develop Innovative P2 Technologies

The Department of Environmental Quality - Environmental Science and Services Division (ESSD) provides a number of non-regulatory assistance and information programs which emphasize pollution prevention (P2) to help the citizens and businesses of Michigan make informed decisions and take actions that conserve resources and prevent pollution and waste. The goal of the Michigan Pollution Prevention Research Grant Program is to further the state's P2 efforts by encouraging the development and diffusion of innovative P2 technologies to benefit Michigan businesses and the environment.

### **What is Pollution Prevention?**

Pollution prevention (P2) is the practice of minimizing the generation of waste at the source and, when wastes cannot be prevented, utilizing environmentally sound on-site or off-site reuse or recycling.

### **What is the Michigan Pollution Prevention Research Grant Program?**

The program is an opportunity for universities and community colleges to receive matching funds to partially cover expenditures for the first implementation or continued research and development of innovative P2 technologies having the potential to reduce the quantity or toxicity of environmental wastes generated by Michigan businesses.

### **What P2 technologies are eligible under the program?**

P2 technologies, not already in use in Michigan, having the potential to achieve measurable reductions in the quantity or toxicity of environmental wastes currently generated by Michigan businesses are eligible under the program. Projects directed to implementing and documenting the first commercialization, adoption, or full-scale demonstration of a P2 technology in Michigan, particularly at a small to mid-sized Michigan manufacturing business will be given preference under this program. Projects that effectively duplicate state services or previously funded projects, have limited transferability, or projects that focus on energy efficiency/recovery or can not be conducted in Michigan will not be funded under this program.

### **How much money is available?**

Up to \$50,000 in matching funds will be made available to each selected project. It is anticipated that three matching grants will be awarded subject to available funding. "Expenditures in-kind" may be used for the matching obligations under the program, such as costs associated with project related equipment installation, testing, training, and staff time.

### **How do you apply for a matching grant under the program?**

Any Michigan university or community college may apply by submitting a complete grant proposal as detailed by the Michigan Pollution Prevention Research Grant Program Request for Proposal (RFP). The RFP is available by contacting David Herb at 517-241-8176 or herbdw@michigan.gov or by visiting the program website at [www.michigan.gov/deq/0,1607,7-135-3307\\_3515\\_28903---,00.html](http://www.michigan.gov/deq/0,1607,7-135-3307_3515_28903---,00.html)

### **On what basis is a project proposal awarded a matching grant?**

Each project will be reviewed for expected pollution prevention, energy efficiency, process efficiency, financial, and other benefits, and transferability to other businesses and industries. Grants will be awarded based on program objectives and the recommendations received from a review panel comprised of Retired Engineer Technical Assistance Program, ESSD, university, and industry representatives.

### **What are the obligations for receiving a matching grant?**

Under this program, the university will sign a "Letter of Agreement" (LOA) with the department. The LOA will require a one-to-one matching of ESSD funds (at a minimum), and obligate the university to provide information and data on the project/P2 technology, submit requests for reimbursement, conduct an onsite showcase demonstration, and expend all grant funds within one year of signing the LOA. The LOA will additionally allow the ESSD to develop and publish reports on the technology to further encourage its development and diffusion.

### **How are grant funds provided for project expenditures?**

All grant projects are conducted on a cost reimbursement basis. Costs incurred prior to execution of the LOA and costs incurred after the LOA has expired will not be subject to reimbursement or qualify as a match.

### **How can I get additional information about the program or receive a Request for Proposal (RFP)?**

Contact David Herb, ESSD, at 517-241-8176 or herbdw@michigan.gov or download an RFP at [www.michigan.gov/deq/0,1607,7-135-3307\\_3515\\_28903---,00.html](http://www.michigan.gov/deq/0,1607,7-135-3307_3515_28903---,00.html)