PWI Newsletter





Plastic Waste Management Institute JAPAN

Goals and Tasks

The Plastic Waste Management Institute (PWMI) was first established as the Plastic Management Research Association in November 1971, and received its current name in July 1972.

The goals of PWMI are (1) research into and development of a system that will effectively and efficiently process and recycle plastic waste, and (2)

promotion of that system.

PWMI is responsible for various tasks, including research and development of plastic waste recycling, implementation of a model experiment, technology distribution, investigation and research, public relations and public education, and loan guarantees for recycling ventures.

Activities

Continuous Research and Development, Study, and Public Relations

Since its establishment, PWMI has been involved in a variety of activities that encompass research and development of plastic waste recycling, loan guarantees for plastic waste recycling ventures, studies on plastic waste produced by the public and industry, and public relations-including publications and videos on plastic waste and its recycling.

New Challenges, New Responses

Problems relating to waste have been a hot issue in recent years and public awareness towards this issue, focusing mainly on recycling, has been increasing more and more.

Because of this increased awareness, the Proposition for Recycling and Volume Reduction of Plastic Waste was submitted in May 1994. In response, PWMI established the Material Recycle (MR) and Thermal Recycle (TR) Research groups. These research groups studied the report and, as a result, beginning in 1995, PWMI set up the Thermal



Cement Kiln

Recycle Promotion Project Team. With this project team, and with financial support from the Japanese government, PWMI has been actively involved in, for example, developing next-generation—plastic-waste liquefaction technology and other new ventures.

These activities comply with the Law for Promotion of Sorted Collection and Recycling of Containers and Packaging (June 1995). PWMI will continue to further push itself and promote plastic waste recycling—including material and thermal recycling.

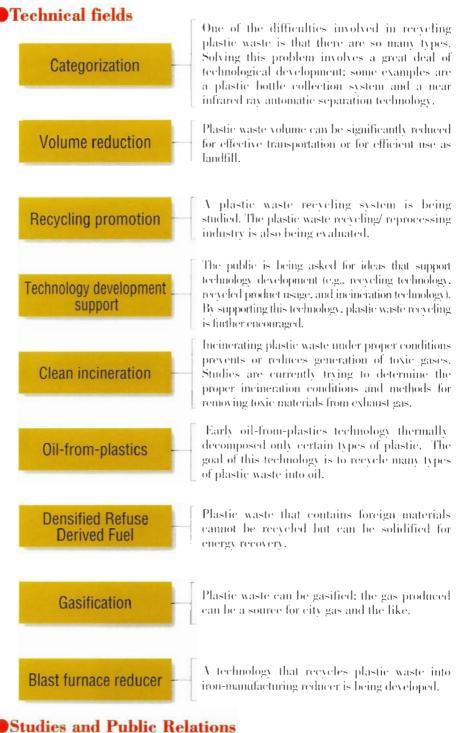


Reducing Agent for Blast Furnace (under construction)



Gasification Plant (under construction)

Operations (1971-1998)



Study of plastic waste in garbage (domestic) Study of plastic waste treatment (overseas) Recycled product exhibitions Periodical publications Videos

Members

The current members consist of the following 29 corporations, organizations and 5 supporting organizations:

Regular members

Asahi Chemical Industry Co., Ltd.

Asahi Glass Co., Ltd. Central Chemical Co., Ltd. Chisso Corporation

Dainippon Ink &Chemicals

Denki Kagaku Kogyo K.K. Du Pont-Mitsui Polychemicals Co., Ltd. Grand Polymer Co., Ltd. Idemitsu Petrochemical

Co., Ltd. Japan Polyolefines Co., Ltd. Japan Polychem Corporation Japan Polystyrene Inc. Kaneka Corporation Kureha Chemical Industry

Montell SDK Sunrise Ltd. Nippon Steel Chemical Corporation Nippon Unicar Co., Ltd. Nippon Zeon Co., Ltd. Shin Dai-Ichi Vinyl Corporation Shin-Etsu ChemicalCo., Ltd.

Maruzen Polymer Co., Ltd.

Mitsubishi Chemical

Mitsui Chemicals Inc.

Corporation

Sumitomo Chemical Co., Ltd. Taiyo Vinyl Corporation Toagosei Co., Ltd.

Tokuyama Sekisui Co., Ltd. Tokuyama Corp. Tohso Corp.

Ube Industries, Ltd.

Trade Organizations

Japan Petrochemical Industry Association Japan Plastics Industry Federation Vinyl Environmental

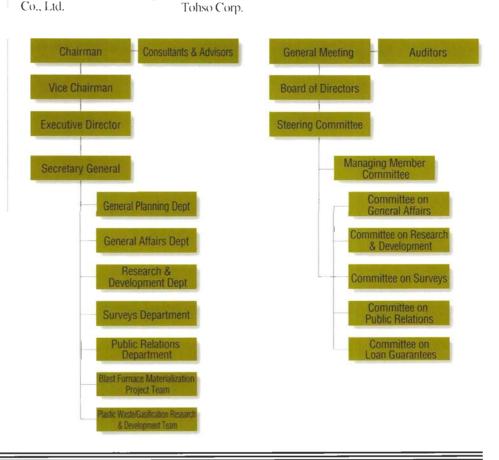
Council

Supporting Members

Japan PET Bottle Association

Japan Expanded Polystyrene Recycling Association Japan Polystyrene Foamed Sheet Industry Association Japan PVC Environmental Affairs Council Japan Urethane Industries Institute

Organization





Plastic Waste Management Institute

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