



Plastic Waste Management Institute

Business Overview

History

Originally founded in November 1971 as the Plastic Management Research Association, the Plastic Waste Management Institute (PWMI) received its current name in July of the following year as operations expanded. For the last 40 years or so, PWMI has endeavored to research and develop technology for the optimal processing and effective use of plastic waste and to publicize its findings.

In addition, PWMI has changed into a general incorporated association as a result of Laws Related to the Reform of the Public-Interest Corporations System (enacted in December 2008). As a result of this change, PWMI's objectives were newly established in April 2013 as "surveying and researching the recycling of plastic waste and contributing to a reduction in environmental load by the total recycling of plastic, and helping plastic-related industries to expand their business soundly and contributing to the creation of a society capable of sustainable growth."

Business Content

- (1) Survey and research the generation, recycling, and disposal of plastic waste and promote the appropriate use of plastic waste through various means including techniques for evaluating environmental load
- (2) Support the education and study of the recycling of plastic and plastic waste and engage in related public relations activities
- (3) Interface and collaborate with domestic and foreign institutions in the plastic and plastic-waste industries

Activities

The four core activities of PWMI are summarized below.

- (1) Provision of life cycle assessment (LCA) base data and LCA evaluation of recycling & recovery (R & R) technologies

PWMI provides scientific and high-reliability data for widespread use by related industries and general citizens for application to carbon footprint systems, etc. It also works to solve technical issues so that the effective use of plastic waste can be evaluated by LCA.

- (2) Preparation of the Flowchart of Plastic Products, Plastic Waste and Resource Recovery and ongoing improvements to its accuracy

PWMI strives to obtain a clear understanding of the entire lifecycle of plastic from its production stage to its disposal and R & R and to prepare and provide a highly accurate flowchart of this process.

- (3) Support of environmental education

PWMI continues to hold instructor training courses and on-site classes and works to raise the level of consciousness in society regarding the usefulness of plastic. In addition to holding on-site classes on plastic R & R at primary and middle schools especially in Japan's Kanto region, PWMI will honor as much as possible requests for instructor training courses in line with new teaching guidelines and for lectures at universities specializing in environmental science.

- (4) International expansion/exchange and recycling promotion

PWMI is participating in a wide range of international activities, including exchanges with Europe, the United States, and other countries, as well as training projects with Southeast Asian countries to improve plastic waste treatment management. In addition, PWMI will carry out support projects to promote material recycling, which plays a part in the plastic resource circulation strategy.

Members (as of June 2025)

Regular members: 17 corporations and 3 organizations

Supporting members: 5 corporations and 4 organizations

►Regular members

Asahi Kasei Corp.

Japan Polyethylene Corporation

Kaneka Corporation

Tokuyama Corporation

SunAllomer Ltd.

Tosoh Corp.

DOW-MITSUI POLYCHEMICALS CO.,LTD.

Japan Polypropylene Corporation

Maruzen Petrochemical Co., Ltd.

Shin-Etsu Chemical Co., Ltd.

Taiyo Vinyl Corporation

Ube-Maruzen Polyethylene Co., Ltd.

ENEOS NUC Corporation

JNC Corporation

Prime Polymer Co., Ltd.

Sumitomo Chemical Co., Ltd.

Tokuyama Sekisui Co., Ltd.

(Trade organizations)

Japan Petrochemical Industry Association

The Japan Plastics Industry Federation

Vinyl Environmental Council

►Supporting members

Sekisui Kasei Co., Ltd.

Toyama Kankyo Seibi Co., LTD.

MITSUI & CO., LTD.

TBM Co., Ltd.

MM Plastic Co., Ltd.

(Trade organizations)

Japan PET Bottle Association

Japan Expanded Polystyrene Association

Japan PVC Environmental Affairs Council

Japan Auto Parts Industries Association

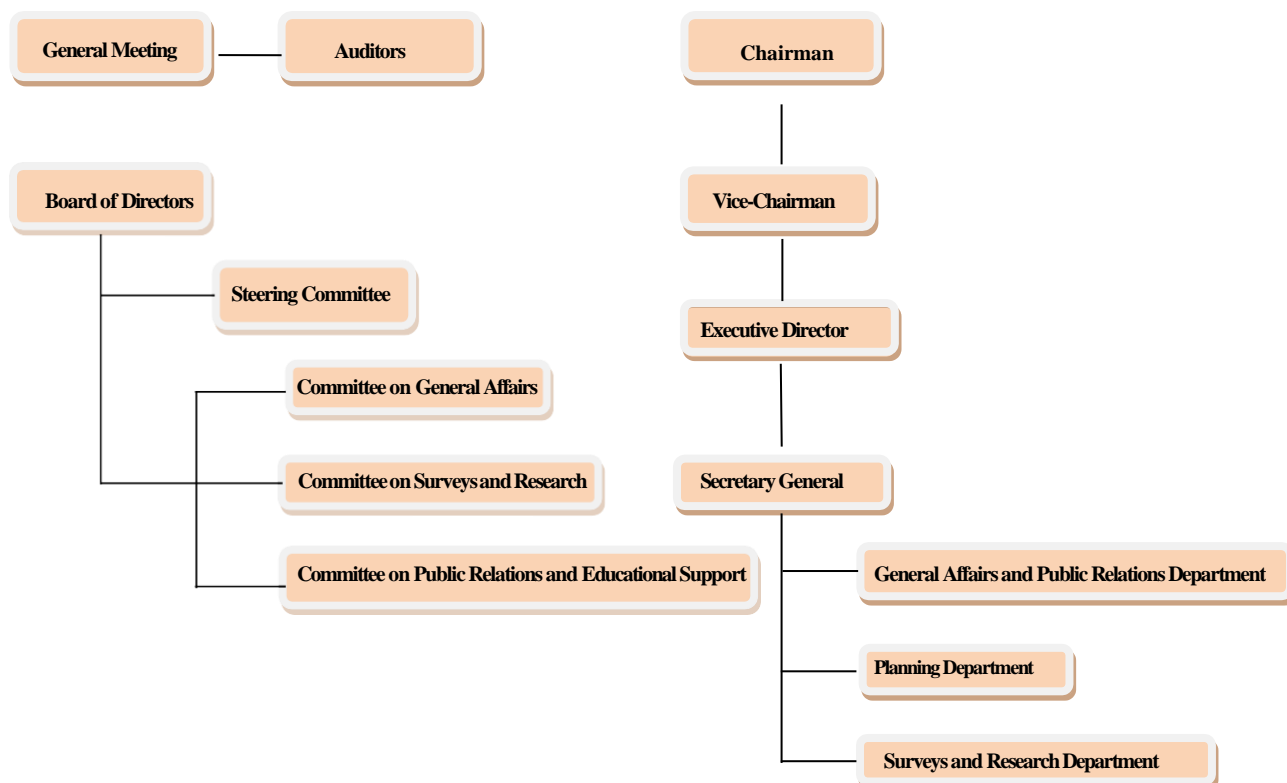
Directors (Directors: 13 Auditors: 1)

Chairman: Koshiro Kudo

Vice-Chairman: Kazuhiko Fujii

Executive Director: Tsuchimoto Ichiro

【Organization】



【Address and Contact Points】

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