

# **JAPAN WATER WORKS ASSOCIATION (JWWA)**

**“WATER ASSOCIATION MEETING – Sharing Good Practices”**

**30<sup>th</sup> October 2014 (9.30am – 12.15pm)**

**PORTMESSE NAGOYA**

**Nagoya international Exhibition Hall**

**PAPER ON NATIONAL PRACTICE**

**Malaysia - MALAYSIAN WATER ASSOCIATION  
(MWA)**



**by**

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**Honorary Secretary General**

**The Malaysian Water Association (MWA)**

# Introduction

**MALAYSIAN WATER ASSOCIATION (MWA)** was formed out of the desire of the **PUBLIC** and **PRIVATE SECTOR** bodies to get together for the benefit of the **INDUSTRY**.

This is also in line with “Malaysian Incorporated Concept”, a policy of the Government.



# Background

Prior to 1988, focal point of attention on **WATER SERVICES INDUSTRY** was the prerogative of the **PUBLIC SECTOR**.

**WATER  
SUPPLY  
SERVICES**

The diagram consists of two blue ovals on the left. The top oval is labeled 'WATER SUPPLY SERVICES' and has two red arrows pointing to the right. The bottom oval is labeled 'SEWERAGE SERVICES' and has two red arrows pointing to the right. The arrows from the top oval point to 'Public Works Department of the Federal Government (Ministry of Works)' and 'State Governments'. The arrows from the bottom oval point to 'State Governments through Local Authorities' and 'Federal Government (Ministry of Housing and Local Government)'. A faint watermark of the MWA logo is visible in the bottom left corner.

**Public Works Department of  
the Federal Government  
(Ministry of Works)**

**State Governments**

**SEWERAGE  
SERVICES**

**State Governments  
through Local Authorities**

**Federal Government  
(Ministry of Housing and  
Local Government)**

# Background

**PRIVATE SECTOR** individuals / companies in the Water Industry were left very much on their own.

Linkages to International Organizations were provided through Headquarters of Public Works Department e.g. as an **INSTITUTIONAL MEMBER** of International Water Supply Association (IWSA). Even **FEES** (as a member) were **PAID THROUGH THE GOVERNMENT.**



# Formation of MWA

However in 1988, the various sectors of the Water Industry got together to form MWA.

Among these sectors are:

- **Water and Wastewater Authorities**
- **Institution of higher learning**
- **Research bodies**
- **Consultants**
- **Manufacturers**

**Suppliers**

**Contractors, and**

**Individuals**



# Formation of MWA

**MWA was registered with the  
Registrar of Societies Malaysia on  
an auspicious day**

**NOVEMBER 11  
(11/11/88)**



# Formation of MWA

**In his message to MWA, the Minister of Works said**

***"... all those concerned with ... water in Malaysia both from the PUBLIC and PRIVATE sectors have come together ... in the true spirit of Government's desire for Malaysia Incorporated ..."***

**Thus MWA was created with Government's blessing, in line with "Malaysia Incorporated Concept", a policy of the Government encouraged under Tun Dr. Mahathir Mohammad, Malaysia's former Prime Minister.**



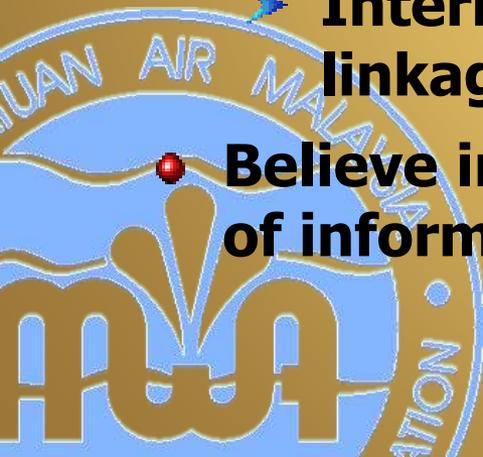
# Formation of MWA

“Malaysian Incorporated” is a programme which aimed at promoting closer rapport between **PUBLIC** and **PRIVATE** sectors, seen as vital in;  
**Establishing a strong unified work force and achieving national objectives.**



## **Mission** (Briefly as follows)

- **To promote synergy and enhance knowledge and good practice within the Malaysian Water and Wastewater Industries contributing effectively towards creating national competitiveness and success.**
- **Work on strategic issues and help outline direction and priorities in the industries.**
  - **Nationally by working in close cooperation with all parties in the Government and private sectors.**
  - **Internationally by establishing and maintaining linkages with related organizations abroad.**
- **Believe in professionalism, teamwork, free exchange of information and learning.**



# Objectives

**There are 8 objectives which are briefly described as follows:**

- To provide a forum of exchange of views among sectors in the industry.**
- To provide information through publications, etc with prior approval of relevant authority.**
- To provide advice and information to public and private bodies as well as the public.**
- To promote the use of appropriate technology.**
- To promote and update standardization in practices.**
- To promote training, research and development.**
- To cooperate with National and International organizations and complement their achievements.**



# Membership

**Water and Wastewater Authorities**

**Research Bodies**

**Institutions of Higher Learning**

**Manufacturers**

**Consultants**

**MWA current membership**  
Ordinary **1334**  
Associate **51**  
Institutional **173**  
*Total* **1558**

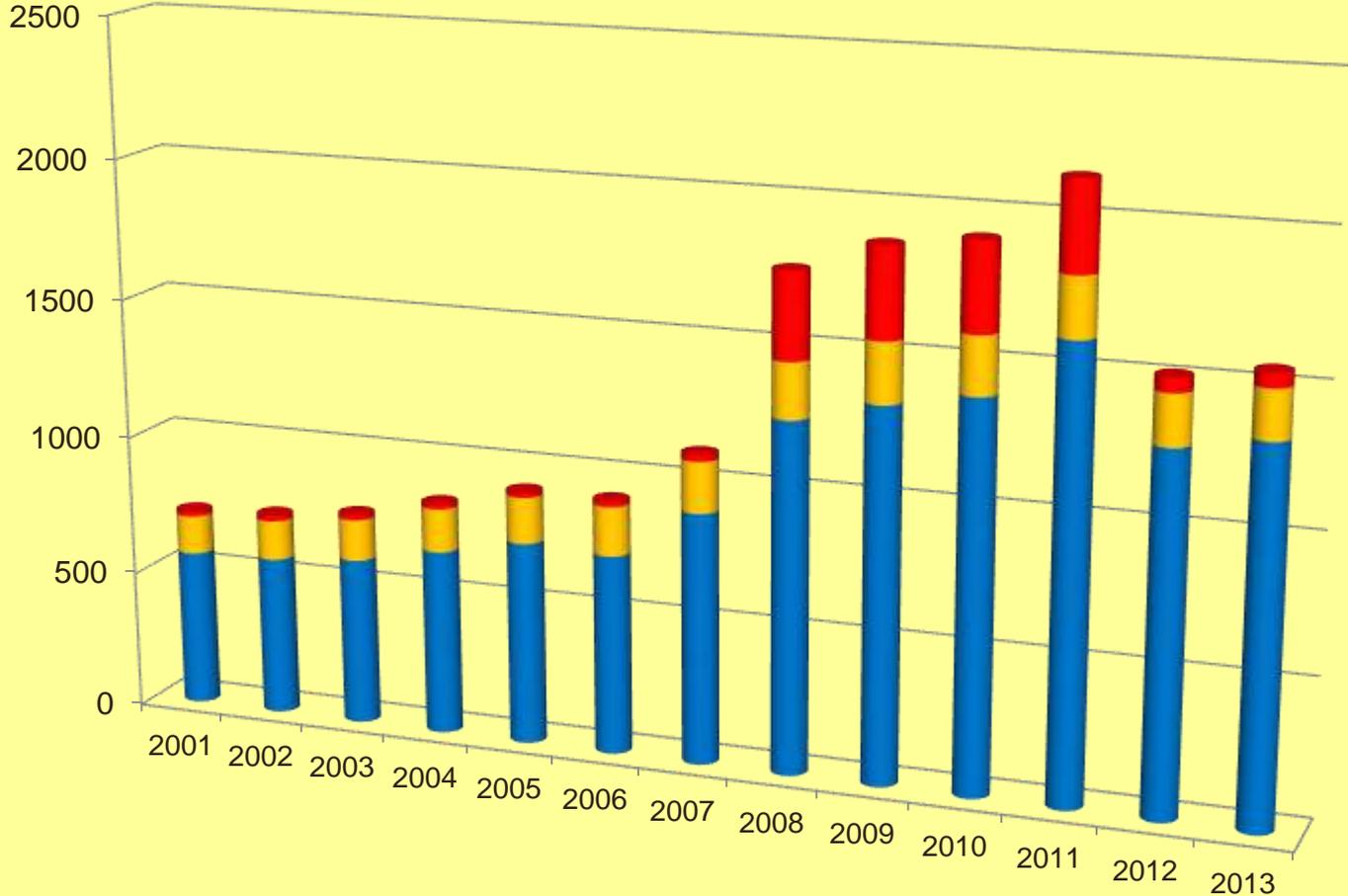
**Contractors**

**Suppliers**

**Individuals**



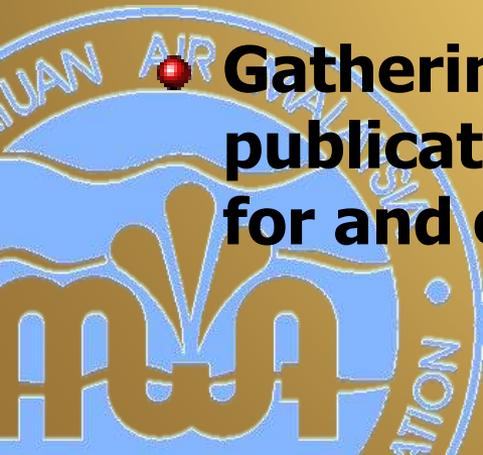
# Membership Trend



■ Ordinary Members    ■ Institutional Members    ■ Associate Members

# Early Years of MWA

- **Limited office space provided by Public Works Department with just sufficient area for administration and library – for free.**
- **Backup support in the form of human resources by public and private sectors to facilitate management of workshops, seminars, conferences, training etc – on voluntary basis.**
- **Private sector participations in exhibitions at conferences and also as sponsors.**
- **Gathering and disseminations through publications on water supply and wastewater for and on behalf of the Government.**



# Role by MWA in Subsequent Years

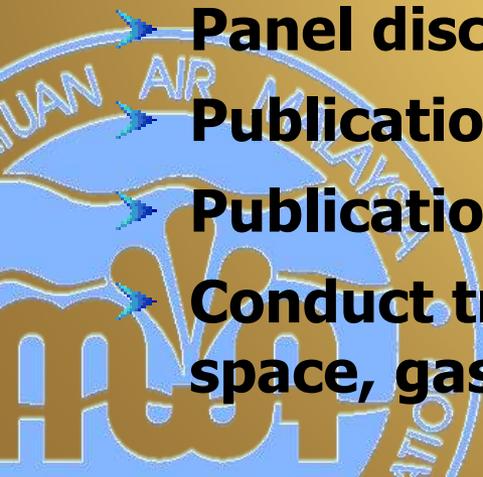
## ● PUBLIC IN GENERAL

Provide advise and information on water supply and wastewater via:

- Mass media, publications and public meetings
- Schools via save water campaigns, Open Day, WWMD etc.

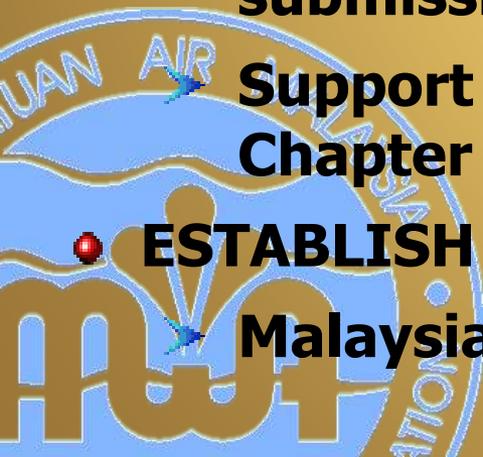
## ● WATER AND WASTEWATER AUTHORITIES

- Publication of Malaysian Water Industry Guides.
- Information on tariffs, etc via free distribution of calendars.
- Panel discussions on issues of current interests.
- Publication of water design guidelines.
- Publication in sewerage guidelines.
- Conduct training certification e.g. working in confined space, gas tester, occupational safety and health, etc



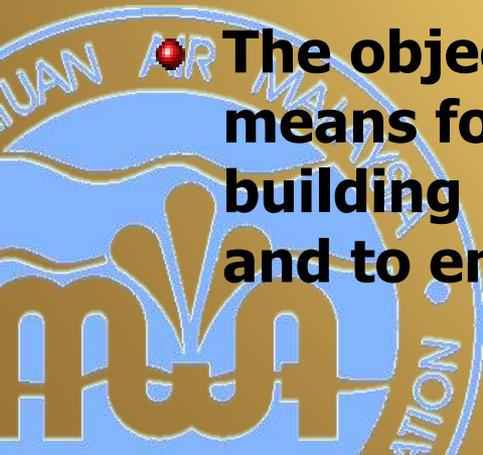
# Role by MWA in Subsequent Years

- **PRIVATE SECTORS (privilege of **IM**)**
  - **Publicise new technologies and promote use of appropriate technology in the market via providing seminars / training facilities.**
  - **Introduction of new materials and goods in the market for the water and wastewater industries via exhibitions, etc.**
- **HIGHER LEARNING INSTITUTION & RESEARCH BODIES**
  - **Coordinate research requirements by the Industry for submission to research bodies for implementation.**
  - **Support on activities and establishment of Malaysian Chapter YWP – under MWA Flag**
- **ESTABLISH RECOGNITION & BENCHMARKING**
  - **Malaysia Water Outstanding/Leadership Awards**



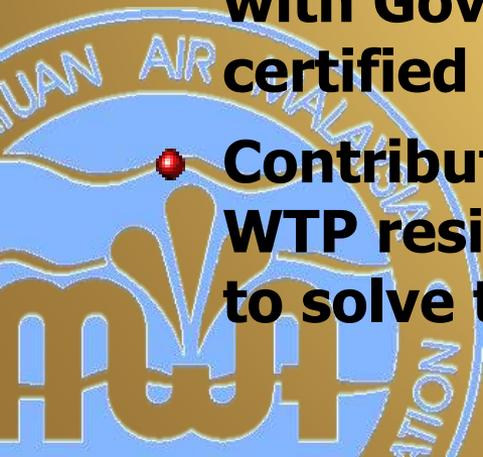
# Recent Achievements of MWA

- **The initiative to restructure water services in Malaysia was initiated by MWA for the Water Industry more than ten years ago.**
- **After a series of seminars and workshops involving a number of prominent speakers from overseas and publication of several papers, it was only in the past eight years that several attempts were made by the Government towards achieving this objective when the new Ministry of Energy, Water and Communication was formed.**
- **The objective was to have economic regulation as a means for improvement of the industry's efficiency, building investors confidence to attract investments and to encourage consumers to pay for the services.**



# Recent Achievements of MWA

- **Enabling Acts had been passed by Parliament during 2006 and with the establishment of National Water Services Commission in 2007, MWA is satisfied that it has played a useful role for the MALAYSIAN WATER INDUSTRY.**
- **MWA is currently participating with the Ministry whenever required, putting in place the requirements to promote “best practice” in various aspects of management, including on Water Losses and Performance Indicators. Also working closely with Government on minimum requirement for certified personnel employed in water industry**
- **Contributed by undertaking survey and study on WTP residue as a measure to assist water operators to solve the issue of SW in WTP residue.**



# MWA Management Success in Recent Years

- **Moving into its own building.**
- **Strengthening MWA secretariat with a full-time Executive Director and adequate support staff separately under Administration, Operation and Accounts sections.**
- **MWA also succeeded in continuously conducting training for the water and waste industry with more in future**

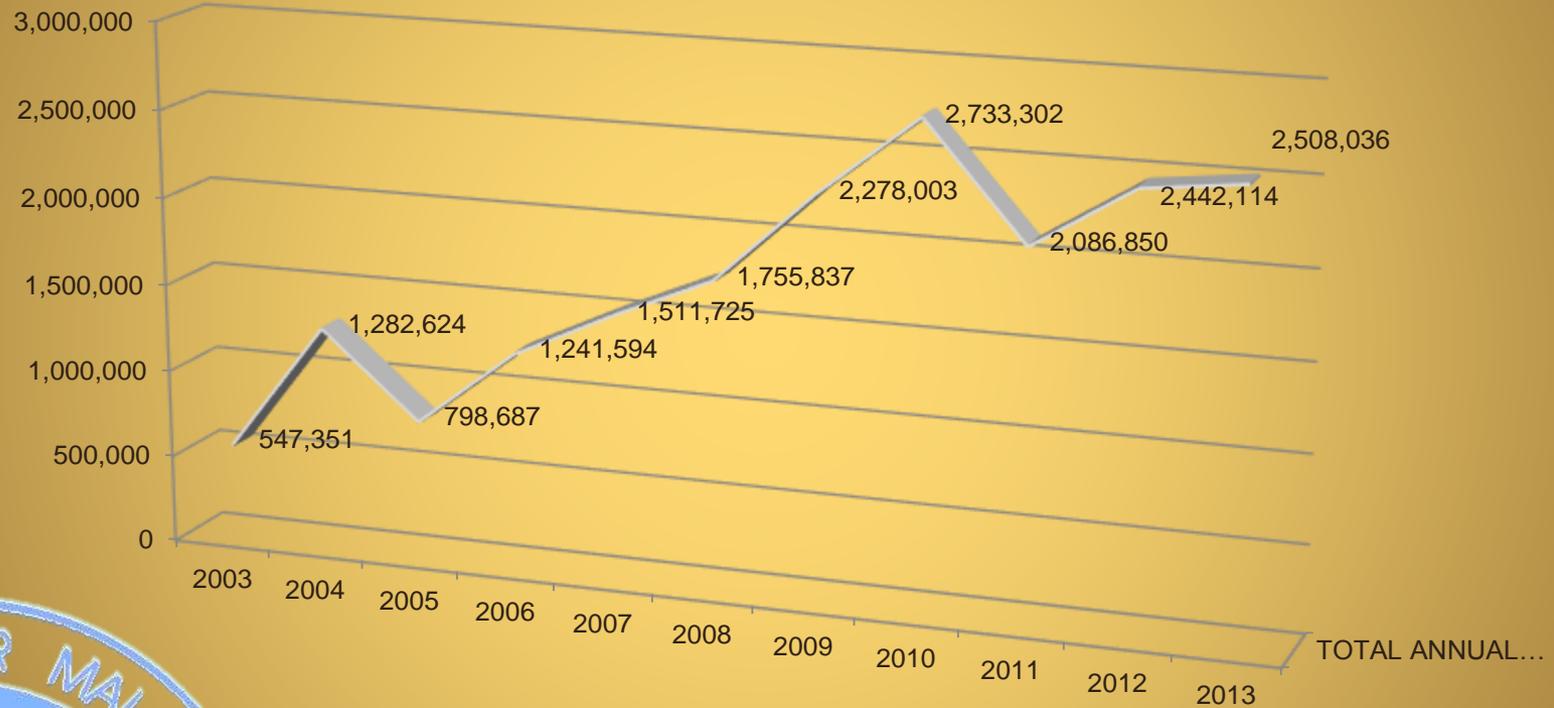
**With active participation of private sector members.**

- **About RM 900,000 (USD 247,450) was raised during the Water Malaysia '92: 8<sup>th</sup> ASPAC-IWSA Regional Conference and Exhibition as a result of which MWA Building was bought in 1993.**

- **A "Seed Fund" amounting to RM 355,000 (USD 98,000) was raised during our 16<sup>th</sup> Annual Dinner in 2004. This was for the purpose of strengthening MWA Secretariat in the initial years. Further activities of the Association will provide the necessary income to sustain the "Seed Fund" in subsequent years.**

# MWA Income Trend

## MWA TOTAL ANNUAL INCOME 2003 - 2013 (RM)



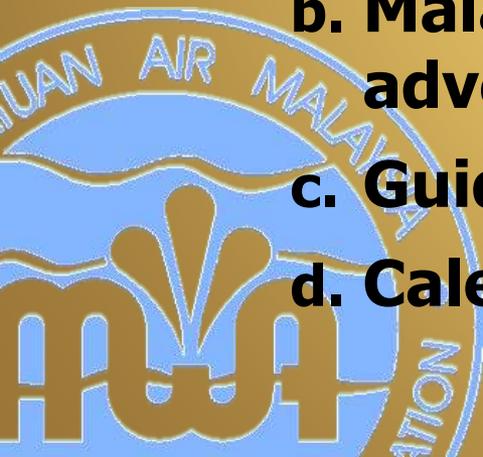
■ TOTAL ANNUAL INCOME



# MWA Source of Income

**This main source of income for MWA can be stated briefly as follows:**

- 1. Rental**
- 2. Membership subscription fees (meets only about 30% of operation cost)**
- 3. Sales of publications**
  - a. Design guidelines for water supply and sewerage systems**
  - b. Malaysian Water Industry Guide (plus advertisements)**
  - c. Guidelines for Developers**
  - d. Calendar (advertisements only)**



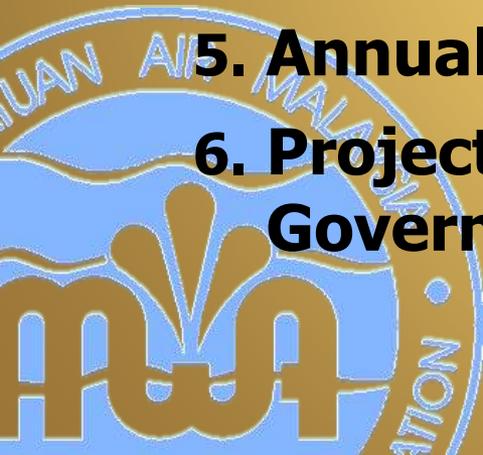
# MWA Source of Income

## 4. Technical Activities

- a. **Conferences: Asia Water, Water Malaysia, Water Loss Asia**
- b. **Talk - fortnightly**
- c. **Seminar**
- d. **Workshop**
- e. **Training – undertaken by MyWA**
- f. **Site visits**

## 5. Annual Dinner

## 6. Projects with European Union, Federal Government, State Governments etc



# **MWA Business Initiatives**

**MWA had entered into business had ventures but with limited success.**

- Malaysian Water Management Sdn Bhd (MWM)**
- Malaysia Water Research Sdn Bhd (MWR)**
- Malaysia Water Academy (MyWA)**

**MyWA had been active since its establishment 2 years ago whilst the other two had been dormant for quite some time.**

**The change in office bearers of MWA had affected the smooth operations of the business entities.**

**There is great potential in business involvement for association but needed stronger push.**

# International Cooperation

- **International Water Association as Governing member representing Malaysia**
- **SEAWUN – as Board member of SEAWUN. MWA current Executive Director is the Immediate Past President of SEAWUN**
- **Australian Water Association – on-going MOU on several initiatives signed in April 2014**
- **Hosting other water associations having interest to visit water entities and Malaysia – Korea, Australia, Bhutan**
- **ADB, WBI, WHO and other bodies with interests in water and wastewater aspects.**
- **International Water and Wastewater Authorities (Australia, Japan, UK, Portugal)**
- **Foreign Embassies – Denmark, Korea**

# Conclusion

**MWA has learned a great deal from exposures at National and International levels.**

**This is particularly so in relation to improvement in Water and Wastewater Services Management in Malaysia.**

**MWA will strive to be as active, if not more, in the future for the mutual benefit of sister organizations worldwide including those belonging to IWA and SEAWUN.**

**Looking forward for closer relationship with other water associations in various areas – training, exchange programmes, moderating G2G initiatives, certification reciprocates.**



**THANK YOU**

