



Characteristic Activities of JWWA

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 - 1 Establishment of nationwide mutual aid system in an emergency**
 - 2 Inspection, Quality Certification and Accreditation & Registration Scheme**
 - 3 Capacity Building & Cooperation with Overse**

Outline of Water Supply in Japan

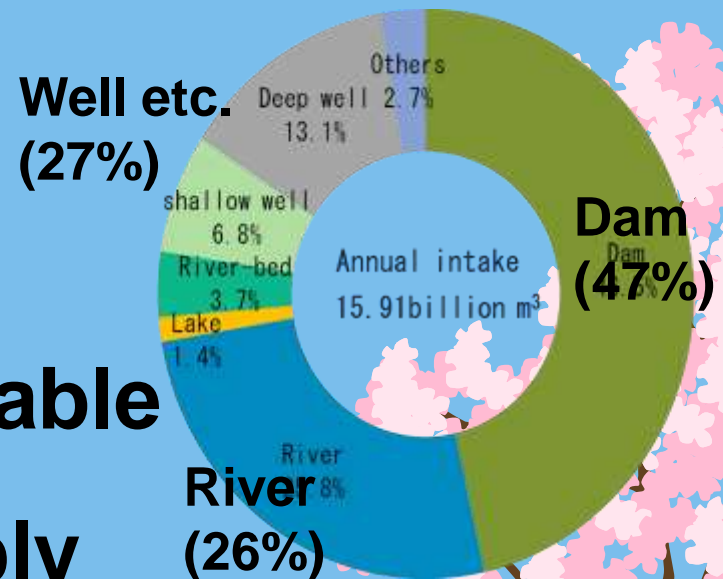
- ◆ Established in 1887
- ◆ Developed as local public enterprises
- ◆ Population served: 124 million

(97.7%) FY 2012

- ◆ Drinkable anywhere, anytime, and highly reliable

- ◆ Number of Water Supply

Utilities: 7,766 FY 2012



Classification of raw water

JWWA's Activities

Established
in 1904
Governmental
license in 1932

Corporate member : 1,345
Associate member : 534
Individual member : 459

Training



General Assembly, Lobbying,
National Conference



Research Activities on
Water Supply Technology

Publication (manual, G/L,
journal etc.)



Inspection and certification

Certification Mark



International



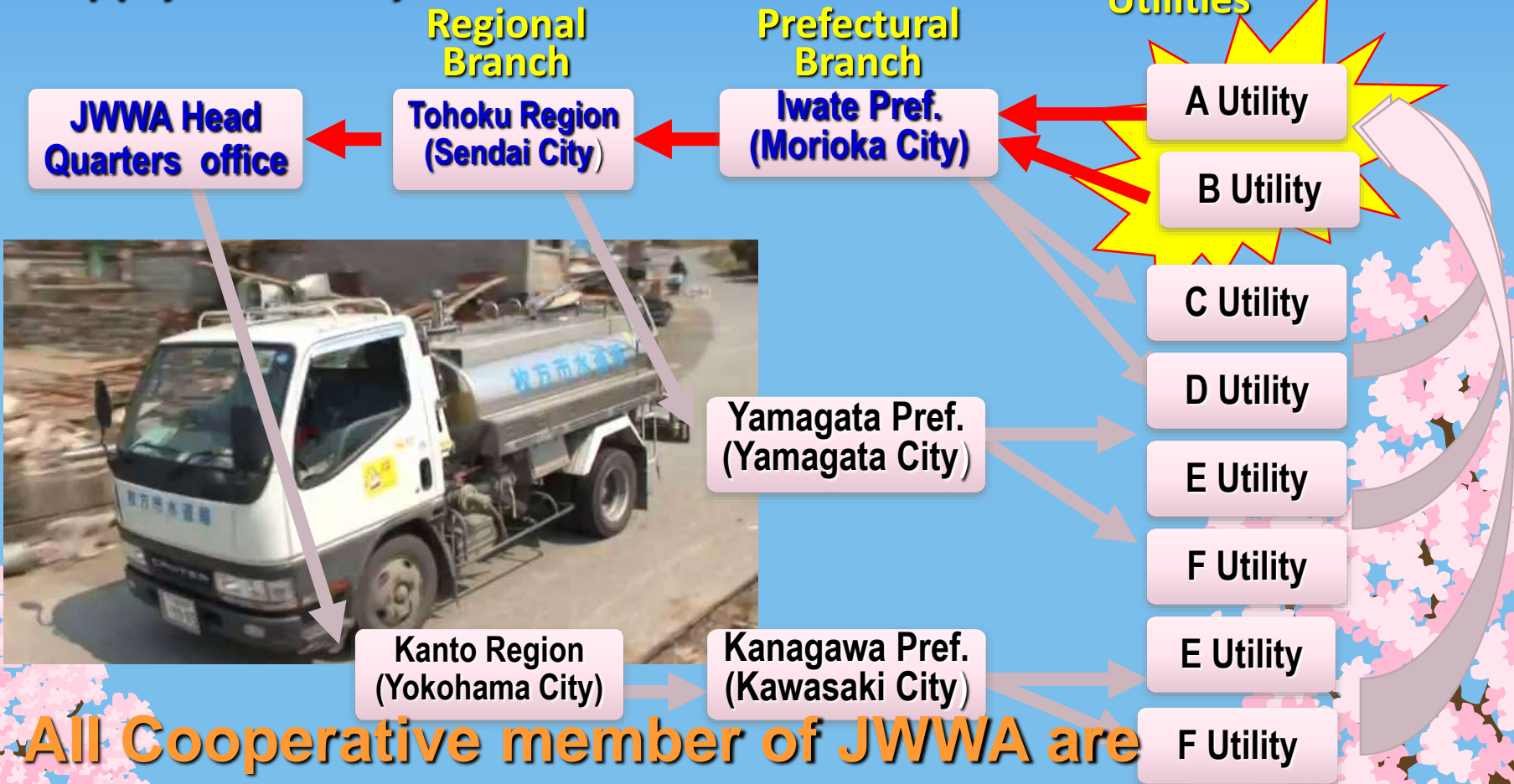
Characteristic Activities of JWWA

- 1 Establishment of nationwide mutual aid system in an emergency**
- 2 Inspection, Quality Certification and Accreditation & Registration Scheme**
(Inspection Services, Certification Services and Accreditation of Engineers & Operators)
- 3 Capacity Building & Cooperation with Overseas**
(Domestic and International)

Characteristic Activities of JWWA

1 Establishment of nationwide mutual aid system in an emergency

- Apply Branch System in Aid of Disaster-



All Cooperative member of JWJA are Supported by this System in Emergency.

Characteristic Activities of JWWA

2 Inspection, Quality Certification and Accreditation & Registration Scheme (Inspection Services)

INSPECTION CERTIFICATION MARK
Inspection certification mark indicated on products that have passed inspection

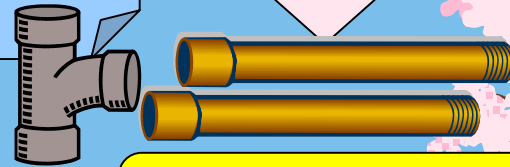
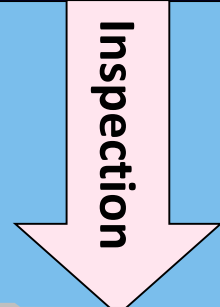


For carving : 4.6.9mm
For stamping/spraying : 6.9.15.30mm
For casting : 18.25mm
For preliminary certificate seals :
2.3.4.6.9.15.18.25.30mm



**Evaluation Standards
JWWA Standards
Specifications from Water
Utilities Etc.**

JWWA



Water Utilities

Manufacturing Factories

Characteristic Activities of JWWA

2 Inspection, Quality Certification and Accreditation & Registration Scheme (Certification Services)

❖ Certification of Water Supply Tools according to the Regulation by Japanese Waterworks Law

➤ Faucets, Valves, Pipe Joints and Water Heaters etc.

➤ Materials Installed in Households etc.



CERTIFICATION MARK USED FOR PRODUCTS WHICH HAVE CONFORMED TO THE BASIC STANDARDS

Printed seals, printed carving, stamping, casting, printing



CERTIFICATION MARK USED FOR PRODUCTS WHICH HAVE CONFORMED TO THE SPECIAL STANDARDS AND THE TECHNICAL STANDARDS

Printed seals, printed carving, stamping, casting, printing.



Characteristic Activities of JWWA

2 Inspection, Quality Certification and Accreditation & Registration Scheme (Accreditation of Engineers & Operators)

Established in 2004 (jointly with 3 other water-related Organization)

Categories of Qualification Types

1. Water Treatment Facilities
2. Water Distribution Pipes



Assuring the level of workers' professional expertise such as abilities required for contractor

	Qualified on Water Treatment Facilities	Qualified on Water Distribution Pipes	Total
Water Utility	1,679(17.5%)	1,152(25.3%)	2,831(20.0%)
Private Sectors	7,646(79.5%)	3,207(70.3%)	10,853(76.6%)
Others	285(3.0%)	201(4.4%)	486(3.4%)
Total	9,610(100%)	4,560(100%)	14,170(100%)

Characteristic Activities of JWWA

3 Capacity Building & Cooperation with Overseas (Domestic)

- **Training Courses for the Personnel of Water Utilities**
 - Conducting more than 20 Training Courses to develop and improve Human Resources of Water Supply Utilities
- **Training Center**
 - Training Center with Audio-Visual Devices



Characteristic Activities of JWWA

3 Capacity Building & Cooperation with Overseas (Domestic)

Overseas Training Courses for Japanese persons

4 Training Courses/year

For JWWA Members (Staff of Water Utilities)

- Asian Water Association Joint Training Course (Indonesia)
- WTI Training Course (Water Training International in UK)
- Personal Training Course (Developing a training course by themselves)
- Personal Training Course (Presentation at International Congress on Water)

Characteristic Activities of JWWA

3 Capacity Building & Cooperation with Overseas (International)

JICA Water Supply Training Course

Engineering on Water Supply Systems Course (2 months)

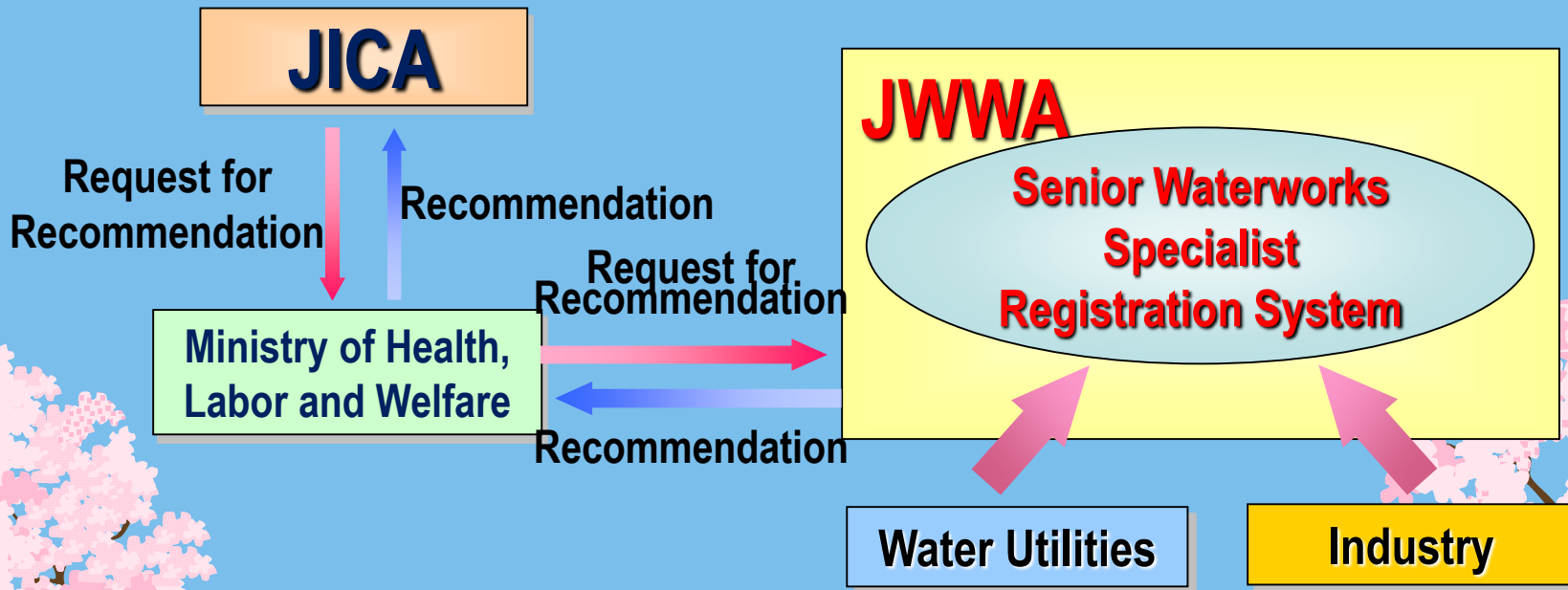


Characteristic Activities of JWWA

3 Capacity Building & Cooperation with Overseas (International)

Dispatching Water Supply Specialist to the Emerging Countries

■ JWWA Senior Waterworks Specialist Registration System



Characteristic Activities of JWWA

3 Capacity Building & Cooperation with Overseas (International)

International Cooperation ← **Water Utilities** → Overseas challenge
(JICA, WOPs) (Private sector, Local sector)

- Cooperation , networking, contact
- E-mail, Web site

JWWA

■ JICA activity

- Cooperation
- Technical assistance

■ Rural and international training to the utilities

■ Respective water Association

- Networking with overseas Association
- Research water supply situation

■ WOPs

- Mediation with ADB, UN-Habitat etc.

■ IWA

- International conference
- Networking
- Specialist group

■ ISO/TC224

- Networking

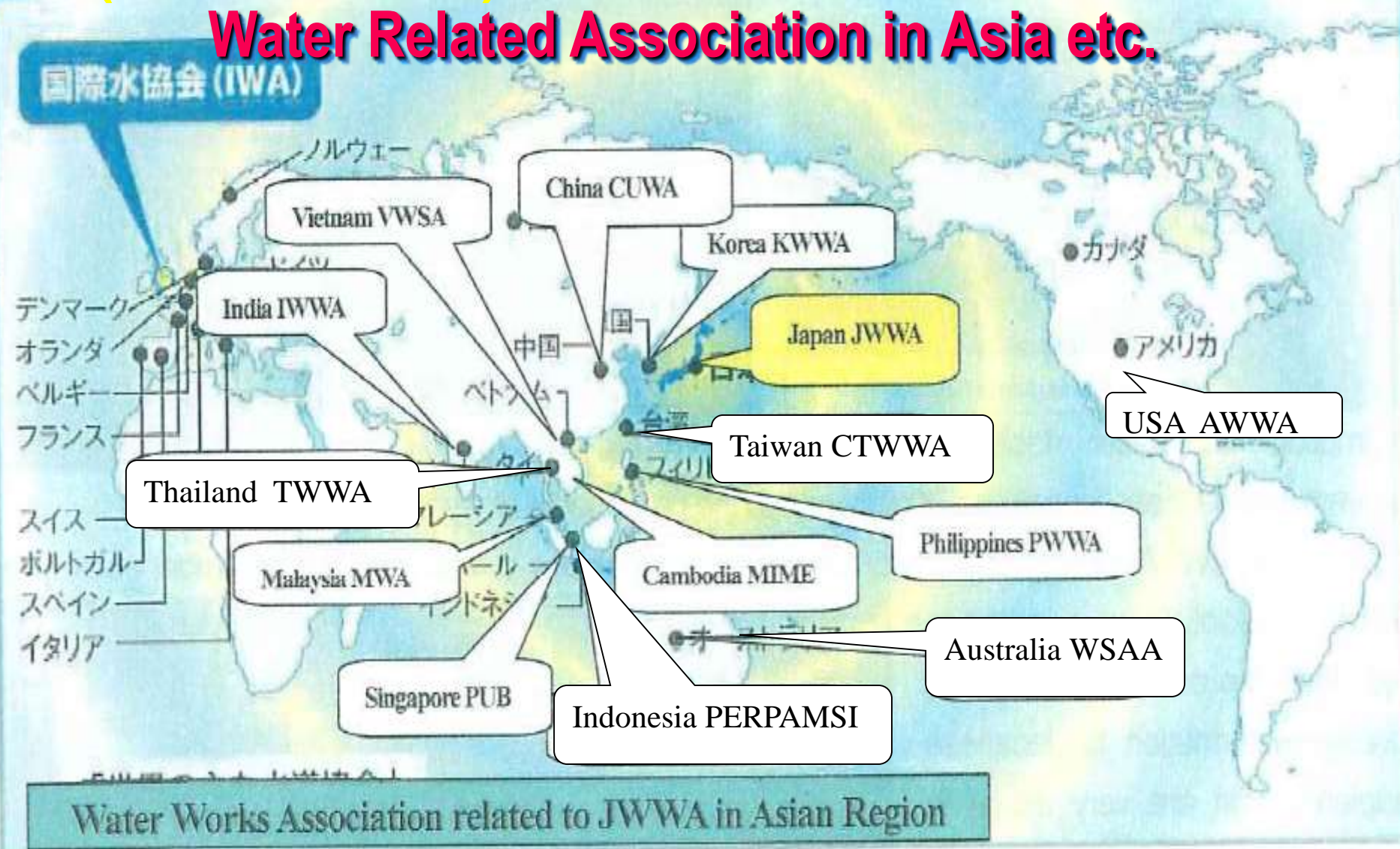
■ Water business challenge

- MHLW, Private sector

Characteristic Activities of JWWA

3 Capacity Building & Cooperation with Overseas (International)

Water Related Association in Asia etc.



Water Works Association related to JWWA in Asian Region

The End

Thank you for listening.

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