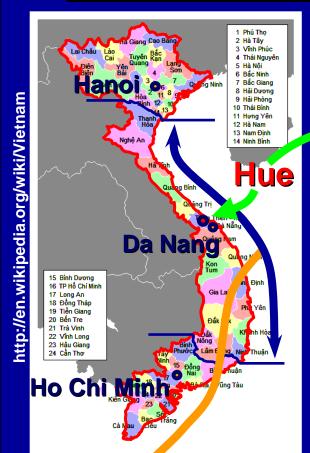


### YWWB Technical Cooperation

1973 - (YWWB original, JICA project)
International Cooperation Business started
Received 2,000 trainees; 26 countries
Over 1 week: 307 trainees
Dispatched 181 experts from Yokohama



### **Technical Cooperation in Hue**





**Project Area** 

2010 - 13

2007 - 09
"JICA Technical Cooperation Project"
on human resources development

"JICA Technical Cooperation Project"

## Technical Cooperation Project in Hue

#### **Project Title**

The Project on Human Resources Development for Water sector in the middle region of Vietnam

**Duration of Project** 

March 1, 2007 - February 28, 2009 (2 years)

**Cooperation Organization** 

Yokohama Waterworks Bureau (YWWB)

**Counterpart Organization** 

**Hue Water Supply Company (HueWACO)** 

Dispatched Experts: 18 persons

**Acceptance of C/P: 29 persons** 

### Technical Cooperation Project in Hue

### **Project Purpose Indicator**

- Achievement of the Action Plan (WSP)
- Water Quality examination for Safe Drinking Water
- Water pressure in city / 10m(1bar, 0.1MPa)
- Residual Chorine at Tap / More than 0.1mg/L

### **Overall Goal Indicator**

- Declaration of "Safe Drinking Water" (Done Jun. 2008 in Hue city, Aug. 2009 in Province)
- The results of questionnaire on the CS

## Technical Cooperation Project in Hue

## **Expecting Results;**Improvement of abilities in HueWACO

- 1 Water quality & treatment management
- 2 Water distribution network management
- 3 Capacity building & Personnel management
- 4 Customer satisfaction skill

### 11-1 Water Quality Management

- Action Plan (Water Safety Plan)
- Acquisition of ISO/IEC17025
- Training on water quality
- Advice on WQM

Training of Water Quality Analysis at HueWACO→



- Guidance of Double-layer Filtration
- Advice on water treatment
- Seminar / Lecture



Filtration → Test at **HueWACO** 



← Rapid Sand Filter **Maintenance at HueWACO** 

### **Distribution Network Management**

- Distributed 8 blocks → Block System
- Survey for water pressure & residual chlorine → Make condition maps
- Training Course → 215 engineers

(Leakage Survey / Laying Distribution Pipe)

- Network Analysis

Lecture of Leakage Survey by Vietnamese trainer →





# **Capacity Building**and Personnel management

- Capacity Building Plan
- Making Teaching Materials

for training

Training → Textbook



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### 4 Improvement for CS

- Survey of Customers' consciousness
- Public Relations

School children's Study tour of Plant works →





← Interview about Water tariff from Customer

### Conclusion

### **Key to Success**

- Two wheels
- Support by water sector's network





### For the Future

2010 - 13"JICA TechnicalCooperation Project"From Thua Thien Hue prov.





**To Middle Region of Vietnam** 

Promote the technical cooperation based on the deep relationship

Thank you for your attention!