



INTRODUCTION

THUA THIEN HUE CONSTRUCTION & WATER SUPPLY CO.LTD - HueWACO (1909- 2015)



For the quality of people's lives

Introduction of Thua Thien Hue province & Hue city

Thua Thien Hue province

Central Vietnam.

Area: 5033.2 km²

Population: 1.2 M people,

• 6 districts (2 mountainous districts), 2 towns and Hue city.





Hue city

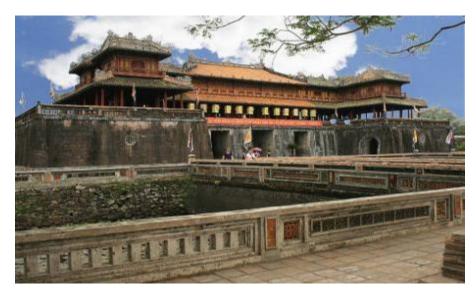
- •A center of the province, a festive city of Vietnam, a cultural city of ASEAN.
- ■Romantic Perfume River flows in the middle of the city.

•Area: 71 km²

■Population: 349,000 people (2013).

KOICA has financed 3.5 M USD to implement the Project for Master Plan of the City until 2030, vision to 2050, which enlarges the city area to 350 km² and the scale of population to 1.000 people.

Hue city's images



Citadel



Khai Dinh Tomb



Citadel by night



Hue Court Music

Hue city's images



Thien Mu pagoda by night



Heart of the city



Huong River & Trang Tien Bridge



Van Nien Plant 120,000/day

General introduction of HueWACO

- Established in 1909.
- ☐ Total capacity: 200,000m³/d, in which:
 - 3 WTPs with capacity of 140,000m³/d (at Hue City)
 - 8 WTPs with capacity of 1,000~15,000m³/d.
 - 20 small-scale WTPs with capacity of <1,000m³/d
- Supply water for both urban and rural areas
- More than 2,400km of pipelines
- Supply water for 129/152 wards/communes (950,000p)
- 81,33% of provincial population
- urban supply: 95,1% (47 wards, communes, towns), Hue city: almost 100%.
- rural supply: 68,77%(82 communes)

General introduction of HueWACO

- Total customer: 220,000 (June 2015)
- Sold amount (2014): 42 M. m3
- Revenue (2014): 377 Billion dongs (17.1 M.USD)
- No. of Employees: 530 persons
- The 1st company in VN recognized by WHO for promulgating safe water supply in 2009, a typical model of safe water supply in Vietnam.





Targets

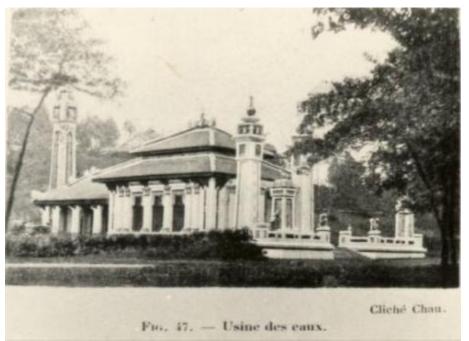
- To increase the percentage of people using clean water in the province to > 80% (2015) and to > 90% (2020).
- To supply clean & safe water to customers, which satisfies customers' demand & improves the quality of people's lives.

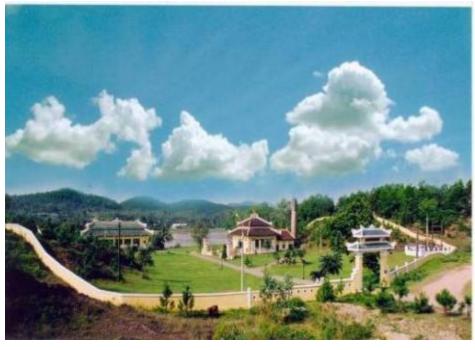


The allocation of water treatment plants



VAN NIEN PLANT





Van Nien WTP
-previously(constructed in 1909)

Van Nien raw water pumping station

– at present–
(capacity: 120,000m3/d)

QUANG TE WATER TREATMENT PLANT



Quang Te 2 WTP

– at present –

Capacity: 82,500 m3/day

INTRODUCTION ON IMPLEMENTING PROJECTS OF HUEWACO

A. THUA THIEN HUE WATER SUPPLY PROJECT PERIOD 2011-2020, VISION TO 2030 UNDER ADB LOANS

1. Overview of the Project

- + Consulting firm: SEURECA (France)
- + Implementing period: 2014-2019
- + Objectives: supplying water for more than 90% of the provincial population (2020)

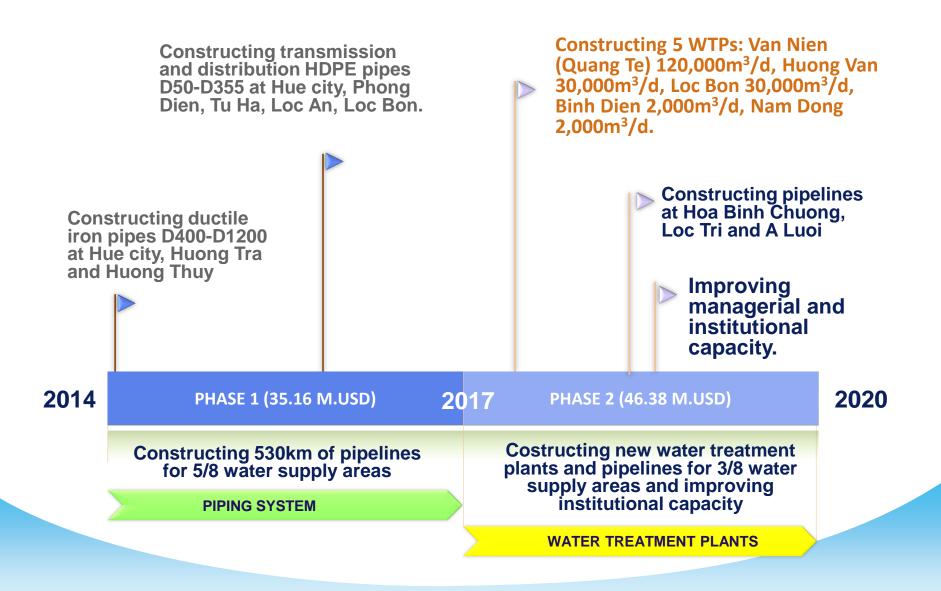
Total investment: 104.4 million USD, in which:

ADB Fund : **81.54 million USD (78%)**

Domestic Fund : 4.38 million USD (4%)

HueWACO Fund : 18.48 million USD (18%)

2. Implementing phases



3. The project implementation

PHASE 1:

- + In 2015, HueWACO will conduct international bidding to select the contractor for provision of pipes and fittings (total length-530km, contract value: 21.5 M.USD)
- + Implementing period: 2015-2017

PHASE 2:

- + In 2016, start the PRF-2: 46.38 M.USD.
- + Selecting the contractor for provision of technologies and construction of the WTPs: Van Nien (Quang Te) 120,000m³/d, Huong Van 30,000m³/d, Loc Bon 30,000m³/d, Binh Dien 2,000m³/d
- + Implementing period: 2017-2019

B. WATER SUPPLY PROJECT FOR FIVE MOUNTAINOUS COMMUNES OF NAM DONG DISTRICT

1. Overview of the project

- + Current situation: seeking for the sponsor
- + Proposed implementing period: 2016-2019
- + Total investment: about 4.8 M.USD.
- + The communes in the project are poor and isolated and located at the highlands of Nam Dong District where gathers mainly minority groups with no clean and safe water.



2. The needs of investment





Taking water from Thuong Nhat commune



Hundreds of dried wells in summer



Getting water dripping from the rock slit at Huong Huu commune

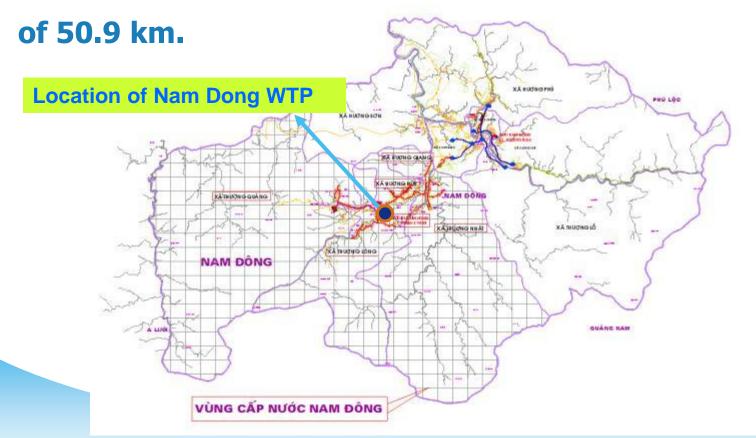
3. The project objectives

- + To supply water for more than 90% of population (8,600 people) for 5 communes of Huong Giang, Huong Huu, Thuong Long, Thuong Quang, Thuong Nhat, Nam Dong District (2020)
- + Advantages: Supplying clean water for people and stimulating to develop industries such as processing of forest products, exploiting minerals (the areas are rich in limestone suitable for production of cement ...)

4. Investment items

+ Constructing water treatment plants with capacity of 4,000m³/d;

+ Constructing piping system: HDPE D50-315, total length



C. WATER SUPPLY PROJECT FOR THE POOR AND DIFFICULT AREAS OF NAM DONG & A LUOI DISTRICT

Overview of the project

- + Objectives: to supply water for more than 90% of population (7,500 people) for the communes having minority groups at Nam Dong and A Luoi District.
- + Implementing period: 2016-2018 (2016: kick-off)
- + Total investment: 4.1 Million USD

In which:

- Non-refundable Fund from JFPR: 2.5 M.USD.
- The remaining fund: seeking for the sponsor.

RECOMMENDATIONS

- 1. The sponsors and investors who concern on financial support to carry out the water supply project for 5 mountainous communes of Nam Dong district.
- 2. The international organizations give financial support to carry out the water supply project for the poor and difficult areas of Nam Dong, A Luoi.

THANK YOU FOR YOUR KIND ATTENTION!

