

## NBS Good Practices from Chinese government

May 2019

### Comprehensive Management Project of Mulan River Watershed

#### 1. Background

Mulan River is one of the most important rivers in Fujian Province of "Five River and One Stream". The main stream runs 105 kilometers long and its watershed area is 1732 square kilometers. Mulanpi to Sanjiangkou in the lower reaches of Mulan River belongs to tidal reach, with flat and low-lying terrain, tortuous river, and narrow riverbed. People on both sides of the river suffer from floods, with more disasters every year, minor disasters every two years and major disasters every five years.

#### 2. Implementation time

From 1999 to 2017.

#### 3. Stakeholders of Case implementation

It is under the guidance of the Ministry of Water Resources, with the Fujian Provincial Government and the relevant local people's governments implementing it concretely.

#### 4. Beneficiary

Xianyou, Chengxiang, Licheng, Hanjiang and Xiuyu counties, 18 townships and 203 administrative villages in Putian City, Fujian Province, with a population of 3.55 million.

#### 5. Total investment and composition of funds

The total investment is about 5 billion yuan, funded by the central, provincial, municipal and local governments.

#### Matching Funds and Funds Composition

According to the proportion of central and local capital matching 1:1.

#### 6. Project Level

Key Water Conservancy Projects in Fujian Province.

#### 7. Mitigation and adaptation to the effects of climate change

Since its harnessing, the Mulan River has not suffered major floods for more than 10 years. More than 200,000 mu plain, more than 70 administrative villages and nearly one million people downstream are no longer affected by floods.

#### 8. Social, economic and environmental impacts

Integrated management of mountains, rivers, forests, fields and lakes, and strengthening afforestation, the central city still retains 65 square kilometers of urban ecological green heart and 60,000 mu of litchi forest belt, with a forest coverage rate of 60.05%. In 2017, Putian's GDP reached 204.5 billion yuan, more than seven times higher than that in 1999, and its per capita GDP

increased by nearly 30,000 yuan. In 2017, the Green Heart Project won the “China Habitat Environment Model Award”. Putian was voted as “National Forest City” in 2017.