

 Early Warning System

ADB-49404-002

Water Efficiency Improvement in Drought Affected Provinces



### Quick Facts

<b>Countries</b>	Vietnam
<b>Specific Location</b>	Binh Thuan, Dak Lak, Dak Nong, Khanh Hoa, and Ninh Thuan
<b>Financial Institutions</b>	Asian Development Bank (ADB)
<b>Status</b>	Approved
<b>Bank Risk Rating</b>	B
<b>Voting Date</b>	2018-11-27
<b>Borrower</b>	Government of Vietnam
<b>Sectors</b>	Agriculture and Forestry, Water and Sanitation
<b>Investment Type(s)</b>	Loan
<b>Investment Amount (USD)</b>	\$ 100.30 million
<b>Loan Amount (USD)</b>	\$ 100.00 million
<b>Grant Amount (USD)</b>	\$ 0.30 million



### Project Description

According to the bank document, the Water Efficiency Improvement in Drought Affected Provinces Project aims to modernize irrigation systems in five drought affected provinces of Viet Nam. The modernized systems will enhance the provinces' ability to manage climate variability, improve water productivity of agriculture, and increase incomes of around 39,000 farming households by supporting them to grow high value crops such as coffee, pepper, grapes, apples, dragon fruit and mango.

The project introduces an innovative approach to irrigation modernization in Viet Nam by supporting the development of pressurized piped irrigation systems which provide water on-demand' to meet the level of service required by farmers. The project also adopts high level technology for supervisory control and data acquisition systems to monitor flows throughout the systems and will use remote sensing-based applications to estimate water productivity at the field level.



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### Investment Description

- Asian Development Bank (ADB)



### Contact Information

**Responsible ADB Officer** Ueda, Takeshi

**Responsible ADB Department** Southeast Asia Department

**Responsible ADB Division** Environment, Natural Resources & Agriculture Division, SERD

### Executing Agencies

Binh Thuan Provincial People's Committee

137 Le Hong Phong Street, Phan Thiet City, Binh Thuan Province

Dak Lak Provincial People's Committee

09 Le Duan, Buon Ma Thuot City, Dak Lak Province,

Dak Nong Provincial People's Committee

23/3 Street, Nghia Duc Ward, Gia Nghia Town, Dak Nong Province

Khanh Hoa Provincial People's Committee

No. 198, 16/7 Road, Ninh Hoa Town, Khanh Hoa Province

Ministry of Agriculture and Rural Development

Room 305 Building A15, 10 Nuyen Cong Hoan Street

Ba Dinh District, Hanoi, Vietnam

Ninh Thuan Provincial People's Committee

No. 283 Thong Nhat St., My Huong Ward, Phan Rang town, Ninh Thuan

### ACCOUNTABILITY MECHANISM OF ADB

The Accountability Mechanism is an independent complaint mechanism and fact-finding body for people who believe they are likely to be, or have been, adversely affected by an Asian Development Bank-financed project. If you submit a complaint to the Accountability Mechanism, they may investigate to assess whether the Asian Development Bank is following its own policies and procedures for preventing harm to people or the environment. You can learn more about the Accountability Mechanism and how to file a complaint at: <http://www.adb.org/site/accountability-mechanism/main>



### Bank Documents

- [ADB Project to Modernize Irrigation Systems, Improve Agricultural Productivity in Viet Nam](#)
- [Nang cao hieu qua su dung nuoc tai cac tinh bi anh huong boi han han: Bang Du lieu Du an](#) [Original Source]
- [Project Disclosure PDF](#) [Original Source]
- [Water Efficiency Improvement in Drought Affected Provinces: Binh Thuan Province Subproject Initial E](#) [Original Source]
- [Water Efficiency Improvement in Drought Affected Provinces: Binh Thuan Province Subprojects Resettle](#) [Original Source]
- [Water Efficiency Improvement in Drought Affected Provinces: Dak Lak Province Subproject Initial Envi](#) [Original Source]
- [Water Efficiency Improvement in Drought Affected Provinces: Dak Lak Province Subproject Resettlement](#) [Original Source]
- [Water Efficiency Improvement in Drought Affected Provinces: Dak Nong Province Subproject Initial Env](#) [Original Source]
- [Water Efficiency Improvement in Drought Affected Provinces: Dak Nong Province Subprojects Resettleme](#) [Original Source]
- [Water Efficiency Improvement in Drought Affected Provinces: Initial Poverty and Social Analysis](#) [Original Source]
- [Water Efficiency Improvement in Drought Affected Provinces: Khanh Hoa Province Subproject Initial En](#) [Original Source]
- [Water Efficiency Improvement in Drought Affected Provinces: Khanh Hoa Province Subproject Resettleme](#) [Original Source]
- [Water Efficiency Improvement in Drought Affected Provinces: Ninh Thuan Province Subproject Initial E](#) [Original Source]
- [Water Efficiency Improvement in Drought Affected Provinces: Ninh Thuan Province Subprojects Resettle](#) [Original Source]
- [Water Efficiency Improvement in Drought Affected Provinces: Project Preparatory Technical Assistance](#) [Original Source]



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### Other Related Projects

- ADB-49404-001 Water Efficiency Improvement in Drought Affected Provinces