

 Early Warning System

ADB-48003-002

Qingdao Smart Low-Carbon District Energy Project



## Quick Facts

<b>Countries</b>	China
<b>Specific Location</b>	Qingdao, Shandong Province
<b>Financial Institutions</b>	Asian Development Bank (ADB)
<b>Status</b>	Active
<b>Bank Risk Rating</b>	B
<b>Voting Date</b>	2015-12-09
<b>Borrower</b>	Government of People's Republic of China
<b>Sectors</b>	Energy
<b>Investment Type(s)</b>	Loan
<b>Investment Amount (USD)</b>	\$ 130.00 million
<b>Project Cost (USD)</b>	\$ 130.00 million



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## Project Description

The project will develop and demonstrate a low-carbon, energy-efficient district heating, cooling, and power production and distribution system in eight locations in Qingdao city. Instead of coal, the system will use natural gas, solar thermal, shallow-ground geothermal, and waste heat recovered from industrial plants as its energy sources. The project will also demonstrate a low-temperature district energy distribution network and combine it with a smart energy management system. The project system is expected to lower energy intensity by 40% and carbon intensity by 64% from the averages achieved by comparable standard systems now in use in the northern People's Republic of China (PRC).



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**Investment Description**

- Asian Development Bank (ADB)



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**Contact Information**

Qingdao Municipal Government  
DONG.HAI@TOM.COM  
c/o Qingdao Mun.Devt.& Reform Commission  
No. 11 Xiang Gang Zhong Road, Qingdao  
People's Republic of China 266071

**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>



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## Bank Documents

- [Loan Agreement for Loan 3358-PRC: Qingdao Smart Low-Carbon District Energy Project](#) [Original Source]
- [Project Agreement for Loan 3358-PRC: Qingdao Smart Low-Carbon District Energy Project](#) [Original Source]
- [Project Disclosure PDF](#)
- [Qing Dao Zhi Neng Di Tan Qu Yu Neng Yuan Xiang Mu : Xiang Mu Shu Ju Biao](#) [Original Source]
- [Qingdao Smart Low-Carbon District Energy](#) [Original Source]
- [Qingdao Smart Low-Carbon District Energy Project: Procurement Plan](#) [Original Source]
- [Qingdao Smart Low-Carbon District Energy Project: Project Administration Manual](#) [Original Source]
- [Qingdao Smart Low-Carbon District Energy Project: Report and Recommendation of the President](#) [Original Source]



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**Other Related Projects**

- ADB-48003-001 Qingdao Smart Low-Carbon District Energy