

 Early Warning System

ADB-54031-001

Science, Technology, Engineering and Mathematics in Secondary  
Education Project



### Quick Facts

<b>Countries</b>	Uzbekistan
<b>Financial Institutions</b>	Asian Development Bank (ADB)
<b>Status</b>	Proposed
<b>Bank Risk Rating</b>	C
<b>Borrower</b>	Government of Uzbekistan
<b>Sectors</b>	Education and Health, Energy, Water and Sanitation
<b>Investment Type(s)</b>	Loan
<b>Investment Amount (USD)</b>	\$ 100.00 million
<b>Loan Amount (USD)</b>	\$ 100.00 million



## Project Description

According to the ADB, the project has three outputs:

1. Output 1: Quality of STEM education with support of technology improved. This output will support (i) pilot testing of interdisciplinary STEM classes for grades 5-11, (ii) strengthening curriculum of STEM subjects (physics, chemistry, biology, geography, informatics and mathematics) with EdTech, (iii) upgrading e-platforms for providing pre- and in-service teacher training, (iv) updating national assessment on STEM subjects aligned with the competency-based curriculum standards, (v) improving school-based assessment in STEM subjects, (vi) designing and implementing a special arrangement of recruitment and placement of additional STEM teachers, (viii) designing and mobilizing an incentive scheme for increased girls enrollment in STEM subjects, and (viii) strengthening e-learning and training platform such as Maktab.uz.
2. Output 2: Learning environments improved. This output will support (i) upgrading, science laboratories and ICT facilities in 200 schools and pre- and in-service teacher training institutes; (ii) rehabilitating selected schools with energy efficient, disaster resilient features, and with improved WASH facilities; (ii) upgrading teaching and learning equipment and (iii) strengthening internet connection in the schools.
3. Output 3: Sector management strengthened with expanded partnership. This output will support (i) establishing STEM center with private sector engagement, and developing operational mechanism with the private sector, the academe and civil society organizations in promoting STEM in secondary education, (ii) developing the STEM network where the 200 specialized schools support disadvantaged schools in each district, (iii) strengthening the Public Education Management Information System, and (iv) mainstreaming e-procurement and e-financial management.



## Early Warning System Project Analysis

The ADB categorized the project E&S risks as follows:

Environment C

Involuntary Resettlement C

Indigenous Peoples C



## Investment Description

- Asian Development Bank (ADB)



## Contact Information

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*No contacts provided at the time of disclosure.*

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## ACCESS TO INFORMATION

You can submit an information request for project information at: <https://www.adb.org/forms/request-information-form>

ADB has a two-stage appeals process for requesters who believe that ADB has denied their request for information in violation of its Access to Information Policy. You can learn more about filing an appeal at: <https://www.adb.org/site/disclosure/appeals>

## 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

- [Initial Poverty and Social Analysis](#)
- [Project Disclosure PDF](#)



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## Other Related Projects

- ADB-54031-002 Preparing the Science, Technology, Engineering and Mathematics in Secondary Education Project