Early Warning System

ADB-54031-001

Science, Technology, Engineering and Mathematics in Secondary Education Project

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Quick Facts

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

- Initial Poverty and Social Analysis
- Project Disclosure PDF

Other Related Projects

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