



Draft Design and Monitoring Framework

Project Number: 34187
May 2006

Mongolia: Third Education Development Project

A design and monitoring framework is an active document, progressively updated and revised as necessary, particularly following any changes in project design and implementation. In accordance with ADB's public communications policy (2005), it is disclosed before appraisal of the project or program. This draft framework may change during processing of the project or program, and the revised version will be disclosed as an appendix to the report and recommendation of the President.

Asian Development Bank

**MON: THIRD EDUCATION DEVELOPMENT PROJECT
DESIGN AND MONITORING FRAMEWORK**

Design Summary	Performance Targets/Indicators	Data Sources/Reporting Mechanisms	Assumptions
<p>Impact Employability and income-earning opportunities of graduates from secondary and vocational schools improved</p>	<ul style="list-style-type: none"> • Increased number of secondary school (grade 12) graduates accepted into accredited HEIs and technical colleges • Increased number of secondary school/VTE graduates obtaining work in the formal sector or start their own businesses within 6 months of graduation • Industry reports that time required to train/retrain graduates from secondary/VTE schools is reduced • Youth unemployment rates reduced by 5% by 2011^a 	<ul style="list-style-type: none"> • National Statistics data • MECS baseline/research studies on secondary school and VET graduates • Project management and <i>aimag</i> (province) ECD reports on high school/TVET graduates • Tracer studies • Satisfaction survey reports from employers of secondary school/VTE graduates • Progress reports on MDGs 	<ul style="list-style-type: none"> • Steady economic growth creates new job opportunities
<p>Outcome Enhanced equitable access to and improved quality and relevance of primary, secondary, and vocational education</p>	<ul style="list-style-type: none"> • Increased transition rate from primary to lower secondary from 98.2% to 99% by 2011 • Increased transition rate from lower to upper secondary from 76.3% to 90% by 2011 • Dropout rates from basic education decreased from 2.3% to 1% by 2011 • GER for primary education increased from 97% to 99% by 2011 • GER for secondary education in rural areas improved from 70% to 85% in 2011 • Improved results in the uniform national examinations under the new system^b 	<ul style="list-style-type: none"> • MECS annual reports generated through EMIS • Grade 10 national examination results published by MECS • Grade 12 national examination results published by MECS 	<ul style="list-style-type: none"> • The Project is well coordinated with JICA's education projects • Education Master Plan is endorsed by 2006 • Public expenditure on education is sufficient to finance planned modernization of the school organizational structure
<p>Outputs 1. National curriculum framework and aligned education standards developed</p>	<ul style="list-style-type: none"> • National curriculum framework for Grades 1–12 in place by 2008 • Streamlined and simplified national education standards in use in Grades 1–12 by 2008 	<ul style="list-style-type: none"> • Publication and distribution of the national curriculum framework • National education standards grouped together and published 	<ul style="list-style-type: none"> • Government provides sufficient budget for preventive maintenance of school facilities and adequate utilization of ICT facilities

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<p>2. Teaching and learning environment in primary and secondary schools are enhanced</p> <p>3. Demand-driven VTE system is in place</p>	<ul style="list-style-type: none"> • All new teachers are accredited by uniformed MECS standards by 2009 • At least 70% of all teachers from model schools, complex schools, and rehabilitated schools participated in in-service training by 2010 • 90% of newly appointed teachers are certified by 2010 • Facilities of 45 schools rehabilitated and upgraded by 2010 • 30 model schools established and operational by 2010 • Improved access for physically disabled in 45 rehabilitated schools by 2010 • National TVET policy in place by July 2007 • VTE system under MECS reorganized by July 2007 • New training standards for 50 trades developed by 2008 • NVQ framework set up by 2008 • Industry participation in development of policy, curriculum, and standards • 4 VTE schools rehabilitated and upgraded by 2011 	<p>as key learning outcomes and on the back cover of textbooks</p> <ul style="list-style-type: none"> • MECS EMIS reports • School mapping reports produced through EMIS • Surveys carried out by PIU and MECS • Feedback reports from teachers and students • Endorsed policies • Tracer studies • Feedback collected from industry, students, and teachers • New curriculum models approved by industry 	<ul style="list-style-type: none"> • Communities are involved in rehabilitation and maintenance of school facilities • Professional staff remain in the education system after qualification upgrading • MECS restructures VTE institutions according to the new policy • Adequate O&M budget for rehabilitated and model schools
<p>Activities with Milestones</p> <p>Component 1</p> <p>1.1 Train 30 teacher educators by Aug 2006</p> <p>1.2 Review and develop streamline new education standards by Dec 2007</p> <p>1.3 Develop a new national curriculum framework by Dec 2007</p> <p>1.4 Develop and install a teacher certification system by Dec 2007</p> <p>1.5 Establish a nationwide accreditation system for pre-service teacher education by Dec 2007</p> <p>1.6 Develop an in-service teacher training system in coordination with ECDs at aimag level by Mar 2008</p> <p>1.7 Train 300 teacher mentors by Jun 2008</p> <p>1.8 Start conducting in-service teacher training by Aug 2008</p> <p>Component 2</p> <p>2.2 Agree on selection criteria for rehabilitation and upgrading of schools by Mar 2006</p>			<p>Inputs</p> <ul style="list-style-type: none"> • ADB: \$13.0 million • Government: \$3.37 million • Germany [GTZ]: international consultants for 40 person-months • UNICEF: 6 person-months international consultant; 4 person-months local consultant • Communities: participation in

<p>2.2 Identify priority schools for rehabilitation according to agreed criteria by Jun 2006</p> <p>2.3 Prepare tender documents, contract companies (during winter seasons 2007–2010), and start rehabilitation works (during summer periods 2007–2010)</p> <p>2.4 Select schools to be upgraded as model schools by Dec 2006</p> <p>2.5 Conduct tender and procure equipment and teaching aids for 30 model schools by Dec 2007</p> <p>Component 3</p> <p>3.1 Carry out market surveys and review policies, regulations, and standards to develop a national TVET policy by Dec 2006, which will be agreed upon by all major stakeholders by Jun 2007</p> <p>3.2 Reform VTE system based on national TVET policy by Jun 2007</p> <p>3.3 Develop and implement strategies to restructure VTE institutions by Jun 2007</p> <p>3.4 Identify four priority model VTE schools for rehabilitation and upgrading by Jan 2008</p> <p>3.5 Prepare tender documents, contract companies, and start rehabilitation works by May 2008</p> <p>3.6 Provide appropriate modern training equipment by May 2008</p>	<ul style="list-style-type: none"> • rehabilitation of schools and its supervision <p>Private sector: active involvement in development of TVET policy, skills standards, and demand-driven curriculum models</p>
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ECD = Education and Culture Department, EMIS = education management information system, GER = gross enrollment rate, GTZ = German Agency for Technical Cooperation, HEI = higher education institution, ICT = information and communication technology, JICA = Japan International Cooperation Agency, MDG = Millennium Development Goal, MECS = Ministry of Education, Culture and Science, NVQ = National Vocational Qualification, O&M = operation and maintenance, TVET = technical and vocational education training, UNICEF = United Nations Children's Fund, VTE = vocational and technical education.

^a Baselines for monitoring will be established at the project start.

^b Baselines for monitoring will be established at the project start and/or after the new 12 year system is established.