



ADB's Education Sector Group - Investment Operations and Knowledge Solutions

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Asia Pacific region on a revival path

- Growth projections in 2022 a mixed bag; yet there are positive trends to boost growth and development.
- Prioritizing investments in education, health and social protection is key to post COVID recovery that is inclusive
- Investments in human capital development at the heart of long-term increase in productivity and continuing reduction in poverty
- Emphasis on higher order talent, and skills, including digital skills
- Reimagining education and training in the wake of COVID-19

BUT

- **Many challenges to be addressed – slowing pace of growth, need for high skills, climate change, digitalization, inequalities, and disparities**

Key Challenges in the Education sector

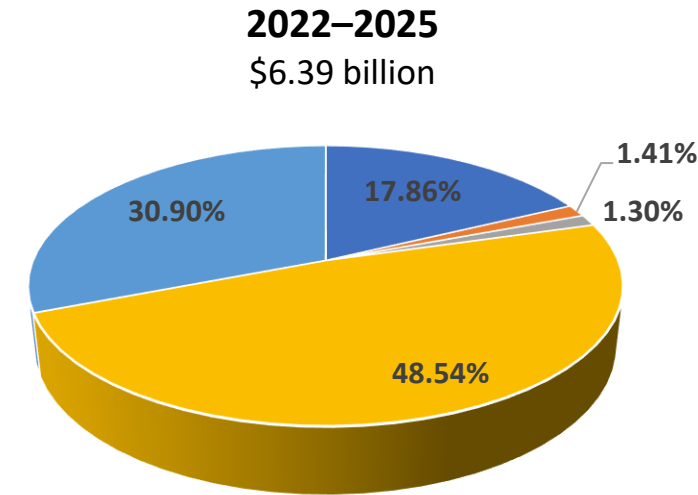
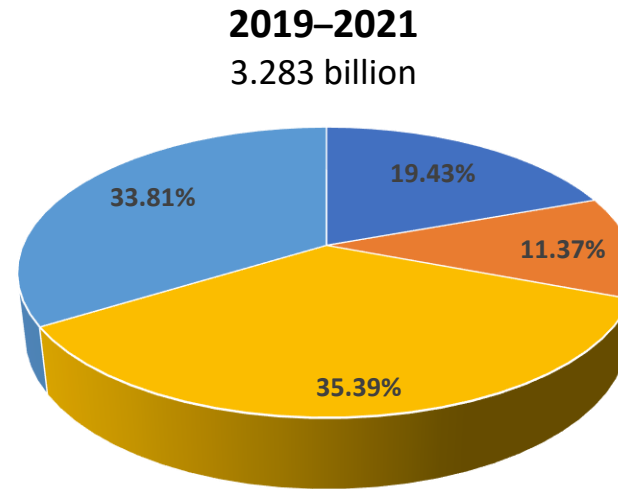
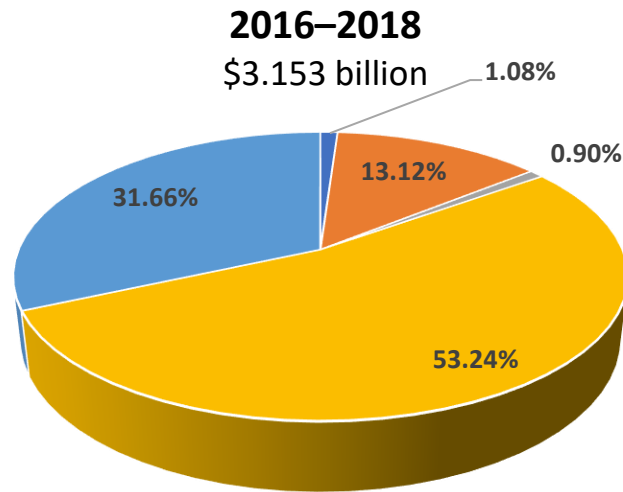
- ‘Learning crisis’: shortfall in foundational literacy and numeracy, despite progress in access; compounded by COVID-19
- Ineffective teacher practices; inadequate teacher capacities
- Slow pace of adoption of next gen curriculum and pedagogy
- Inadequate attention to soft skills, digital skills, and higher skills
- Mismatch between training institutions and employers on skills
- Lack of adoption of disruptive technologies in public education to improve learning and employability

BUT

- **Learning quality with equity is a top priority of governments**
- **COVID-19 spurring adoption of new technologies for learning**

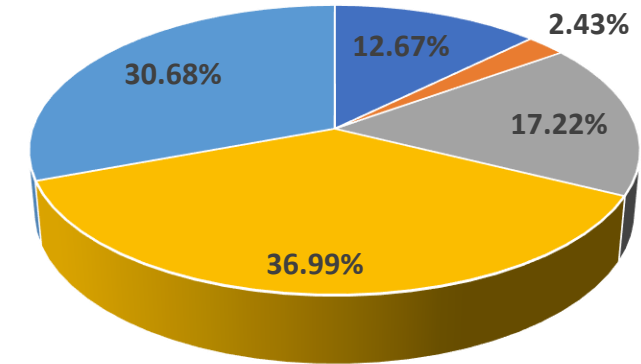
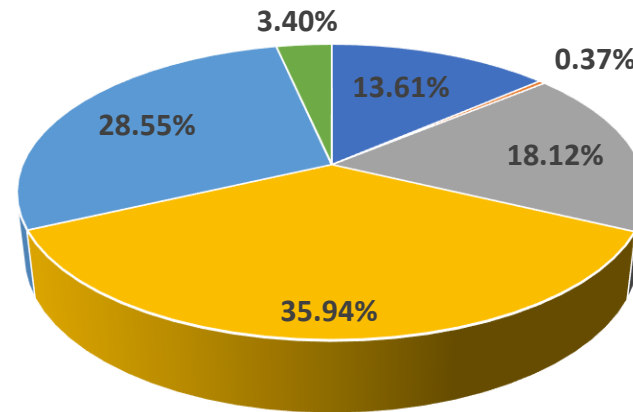
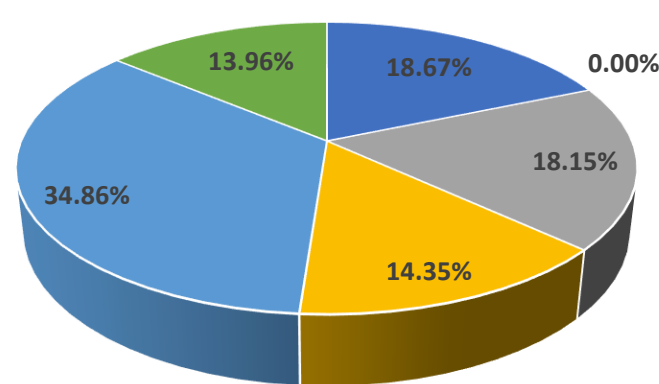
Education Sector Lending by ADB

By Region



Central and West Asia East Asia Pacific South Asia Southeast Asia

By Subsector



Education sector development Pre-primary and primary Non-formal education Secondary TVET Tertiary

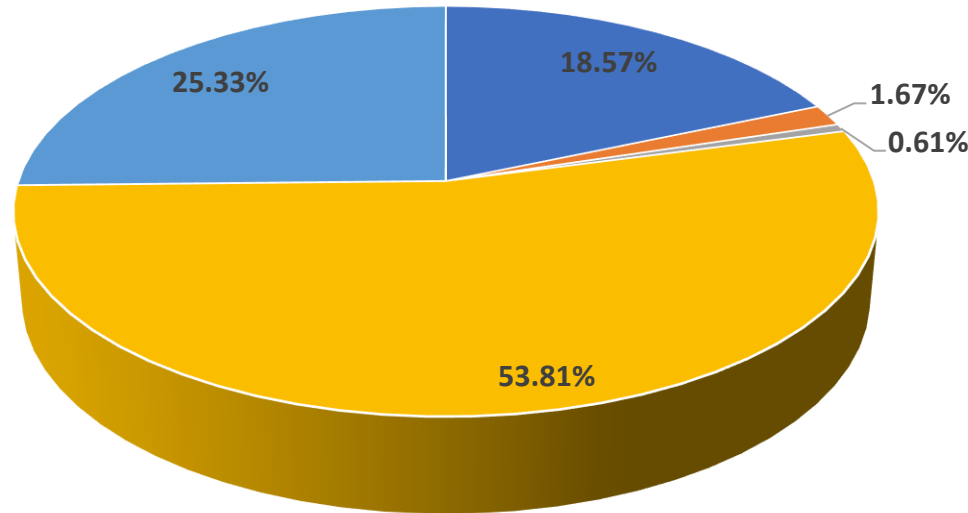


Education Sector Lending by ADB

2023–2025

By Region

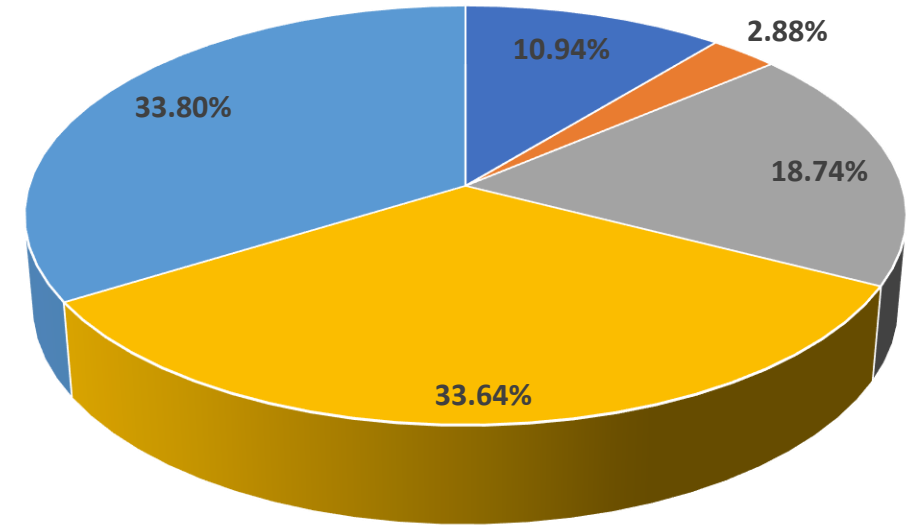
5.39 billion



- Central and West Asia
- East Asia
- Pacific
- South Asia
- Southeast Asia

By Subsector

\$5.39 billion



- Education sector development
- Pre-primary and primary
- Secondary
- TVET
- Tertiary

Consulting Business Opportunities in ADB Education Sector Programs

- Design phase: diagnostic studies, costing, economic analysis, market scoping, environmental and social safeguards, and assessment of climate change mitigation and adaptation
- Implementation phase: technical support to quality improvement and management areas – teacher professional development, curriculum, and institutional strengthening
- Monitoring and evaluation: annual fiduciary reviews, independent verification of achievement of results for results-based loans, tracer studies in TVET, impact assessment research, and evaluation studies.



Areas for Technical Support in demand from partner countries

- Developing member countries (DMCs) are looking for finance++ partnerships
- Knowledge solutions are increasingly critical to success of programs (climate change, STEM education, EdTech solutions)
- Innovative approaches and new operating modalities are called for to help DMCs keep pace with global trends
- Sharing of global experiences and best practices with more impactful models are sought by DMCs
- High-quality analytics in planning, design, and implementation are needed to provide value addition in ADB programs and projects

ADB as a Solutions Bank

Taking forward the Finance++ approach

- Lead on breakthrough knowledge solutions and innovation
- Promote more upstream diagnostic work
- Explore new modalities for Technical Collaboration
- Take forward the vision of Strategy 2030 and the 7 Operations Priorities; Education embedded in OP 1
- Leverage ADB's strengths in multiple sectors to promote more intersectoral collaborations

Key Areas for Technical Consulting

K-12

- STEM/STEAM; science for girls
- Coding, digital skills
Online learning with instructional design
Foundation skills, soft skills
- Student learning assessment; exam reforms
- More effective pedagogical and teacher professional development

TVET

- Skills for IR4.0
- Skills for climate resilient and green occupations
- Skills for health workforce, aging population and care economy
- Skills for hi-tech agriculture
- Real time job market forecasting
- AI-based job matching platforms
- Higher level skills including skills university

Higher education

- Research, innovation, start-up ecosystems
- Digital transformation
- Digital credentials, blockchain for qualifications
- University-Industry Linkages
- Accelerators and incubators and entrepreneurship
- School of sustainability

Knowledge and Operational Priorities

ADB seeks to explore opportunities in knowledge work:

- Multi-sectoral approaches for development impact
 - Skills for infrastructure leading to quality jobs (energy, transport)
 - Skills for climate resilience; climate smart infrastructure
 - Skills for smart cities, creative industries
 - Skills and training for hi-tech agriculture; focus on food security
- OP 1: address remaining poverty and reduce inequalities.
 - Intersection of education, health and social protection
 - Human capital development for competitiveness, platform economy, labor market reforms
- Post-COVID actions
 - Support for rejuvenation post COVID
 - New departures and re-imagining education delivery

Improving delivery of knowledge and operations support

- New Modalities for Technical Collaboration
- Going beyond consulting to partnerships and long-term institutional twinning
- Enabling exchange programs for faculty, students
- Promoting collaborative research practice and innovation
- Amplifying Peer-to-Peer knowledge transfer and sharing global best practices
- Establishing professional networks and promoting centers of excellence and ‘lighthouse’ institutions
- Enabling institutional partnerships for teacher training, student assessments and research collaboration

Finnish Expertise and Collaboration

Finland and Global practices in

- Teacher professional development
- Integrated curriculum, continuous formative student assessment, and STEAM education
- Inclusive education
- Digital learning and EdTech solutions
- Integrating and mainstreaming climate education at all levels of education



THANK YOU!

BUSINESS
OPPORTUNITIES 

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We can put those interested in
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ADB

APPENDICES

List of Pipeline Projects 2022–2025

2022 Approval Pipeline		ADB Financing
Central and West Asia Regional Department		
Kyrgyz Republic	School Education Reform Sector Development Program	40.0
Pakistan	Improving Workforce Readiness in Punjab Project	100.0
Pacific Regional Department		
Papua New Guinea	Improved Technical and Vocational Education and Training for Employment	50.0
South Asia Regional Department		
Nepal	Second Supporting School Sector Development Plan	200.0
Southeast Asia Regional Department		
Indonesia	Promoting Research and Innovation through Modern and Efficient Science and Technology Parks	138.52
Philippines	Supporting Innovation in the Philippine Technical and Vocational Education and Training System Project	100.0
Philippines	Post-COVID-19 Business and Employment Recovery Program - Subprogram 1	300.0
Cambodia	Science and Technology Project in Upper Secondary Education	70.0
	Total 2022	998.52

List of Pipeline Projects 2022–2025

2023 Approval Pipeline		ADB Financing
Central and West Asia Regional Department		
Azerbaijan	Modernizing Vocational Education and Training for Economic Diversification Sector Development Program (MVETSDP)	150.0
Georgia	Improving Learning Outcomes in General Education	150.0
Uzbekistan	Science, Technology, Engineering, and Math (STEM) in Secondary Education Project	100.0
Tajikistan	Improving Science, Technology, Engineering, Mathematics Education Project	26.5
Pakistan	Punjab Education Sector Development Program	50.0
East Asia Department		
Mongolia	Sustaining Access to and Quality of Education During Economic Difficulties Project (additional financing)	10.0
Pacific Department		
Vanuatu	Education Sector Project	4.0
Solomon Islands	Senior Secondary Education Improvement Project	29.0
South Asia Regional Department		
Bangladesh	Strengthening Agricultural Tertiary Education Project	105.0
Bangladesh	TVET Teachers for the Future	300.0
Bangladesh	Innovations in Tertiary Education for Competitiveness (Garments and Textiles) Project	100.0
Bangladesh	Improving Computer and Software Engineering Tertiary Education Project	100.0
Bhutan	Strengthening Institutional Capacity for Innovation and Digital Transformation (TVET)	30.0
Bhutan	Pathways for Emerging Skills and Jobs Project	30.0
India	Meghalaya Human Capital Development Project (Phase 2)	80.0
Maldives	Social Sector Development Project	22.8
Nepal	Support for Devolved Education Project: Making Schools Work	50.0
Nepal	Improved Access to Skills for Productive Employment Project	70.0
Sri Lanka	Second Skills Enhancement Program	200.0
Sri Lanka	Innovation and R&D Capacity Development Project	100.0
Sri Lanka	Additional Financing of Science and Technology Human Resource Development Project	150.0
Southeast Asia Regional Department		
Cambodia	Skills for Future Economy Sector Development Program (Subprogram 1)	80.0
Indonesia	Boosting Productivity and Human Capital Program, SP2	500.0
Total 2023		2,437.3

List of Pipeline Projects 2022–2025

2024 Approval Pipeline		ADB Financing
Central and West Asia Regional Department		
Georgia	Modern Skills for Better Jobs Sector Development Program - Subprogram 2	30.0
Georgia	Modern Skills for Better Jobs Project (Additional Financing)	50.0
Pakistan	Sindh Secondary Education Investment (additional financing)	75.0
Kyrgyz Republic	Education Sector Development Program	20.0
Uzbekistan	Secondary Education Investment in STEM Project (Additional financing)	50.0
East Asia Regional Department		
Mongolia	Research University Sector Development Project	30.0
South Asia Regional Department		
India	Supporting State-Level Skills Development	200.0
India	State Skills Development Project	100.0
India	Accelerating State Education Program to Improve Results (ASPIRE) - Phase 2	200.0
Bangladesh	Digital University Development Project	200.0
Southeast Asia Regional Department		
Cambodia	Secondary Education for Human Capital Competitiveness Program (RBL)	100.0
Lao PDR	Skill Development for Inclusive and Sustainable Growth Project	30.0
Timor Leste	Workforce and Skills Development Project/ Secondary Education Project	10.0
Viet Nam	Skills and Knowledge for Inclusive Economic Growth Project 2	100.0
Viet Nam	Advanced Higher Education for Accelerated Development (AHEAD)	198.0
Total 2024		1,393.0

List of Pipeline Projects 2022–2025

2025 Approval Pipeline		ADB Financing
Central and West Asia Regional Department		
Kazakhstan	Education Sector Modernization Project (TVET)	200.0
Uzbekistan	Skills Development for a Modern Economy Project (Additional Financing)	100.0
East Asia Regional Department		
Mongolia	Implementation of the Education Sector Medium Term Development Plan	50.0
South Asia Regional Department		
Bangladesh	Supporting Education for Children with Special Needs	100.0
Bangladesh	NextGen Primary and Secondary Education Program	300.0
Bangladesh	Second Skills for Employment Project Phase 2	300.0
India	Supporting Human Capital Development in Meghalaya (Phase-II)	64.0
Sri Lanka	Teacher Professional Development	100.0
Southeast Asia Regional Department		
Cambodia	Skills for Future Economy Sector Development Program (Subprogram 2)	50.0
Philippines	Education for Digital Economy	100.0
Viet Nam	Advanced Higher Education for Accelerated Development (AHEAD)	198.0
	Total 2024	1,562.0