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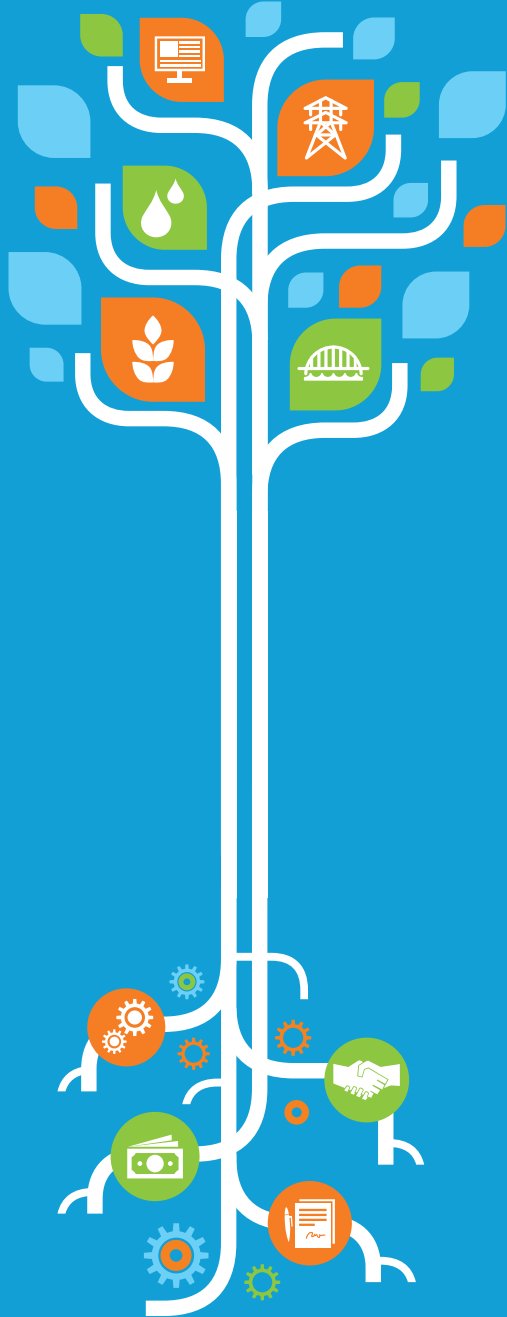
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ADB's Education Sector Group - Investment Operations and Knowledge Solutions

14 September 2022

Presented by
Shanti Jagannathan, Principal Education Specialist
Sustainable Development and Climate Change Department
Asian Development Bank

BUSINESS
OPPORTUNITIES



Asia Pacific region on a revival path

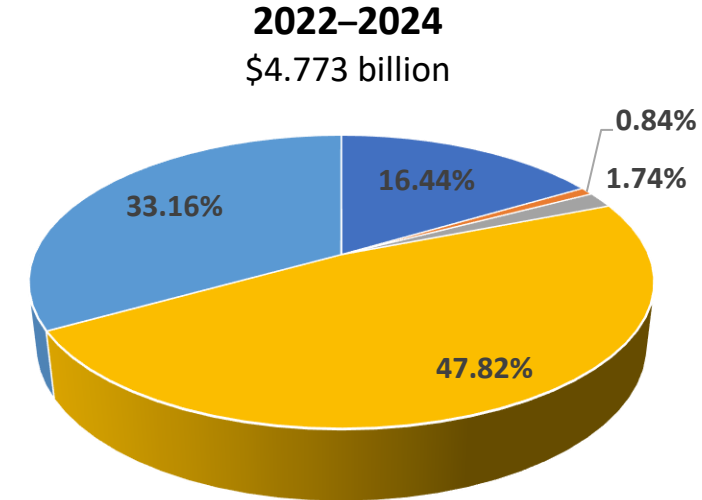
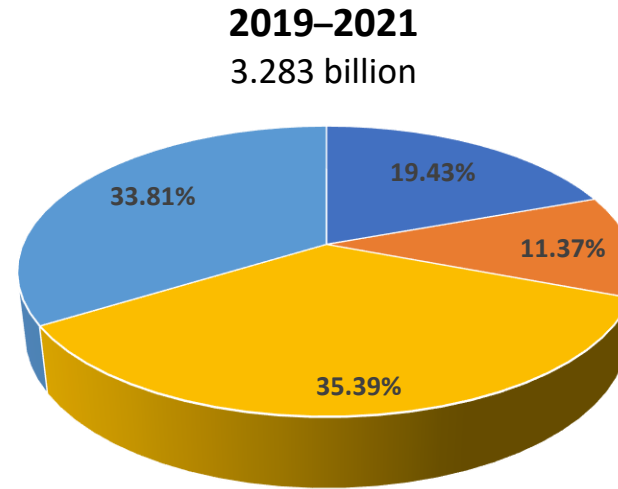
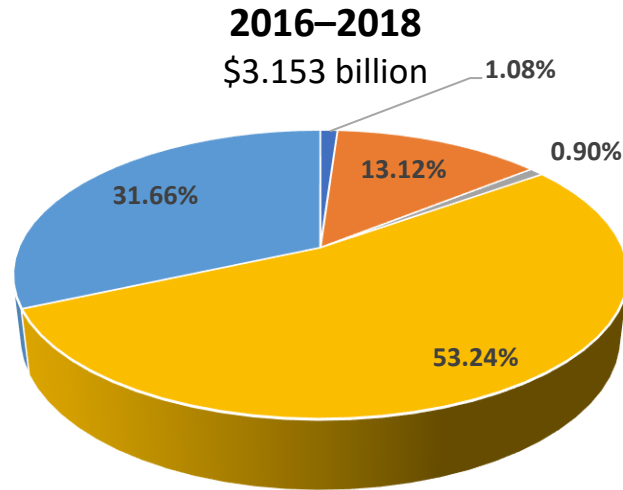
- Growth projections in 2022 a mixed bag; yet positive trends.
- Prioritizing on investments in education, health and social protection is key to post COVID recovery that is inclusive
- Investments in human capital development at the heart of long term increase in productivity and continuing reduction in poverty
- Emphasis on higher order talent, and skills, including digital skills
- Cost efficiency and smart spending key to deal with constrained fiscal space
- Need to re-assess issues of equity and inclusion post-COVID, digital inequalities and emerging types of vulnerabilities such as workers in the platform economy

Re-assessing Key Challenges in Education

- ‘Learning crisis’: shortfall in foundational literacy and numeracy, despite progress in access; new challenges added by COVID 19
- Ineffective teacher practices; inadequate teacher capacities; new training for digital competencies
- Slow pace of adoption of next gen curriculum and pedagogy; new departures for STEM and STEAM
- Inadequate attention to soft skills and higher order skills; new demands being put on students to be life-long learners and agile learners able to switch sectors and disciplines
- Mismatch between training institutions and employers on skills; new challenges from faster pace of technological change
- Lack of adoption of disruptive technologies in public education to improve learning and employability; new challenges of designing curriculum and pedagogy that supports short cycle learning

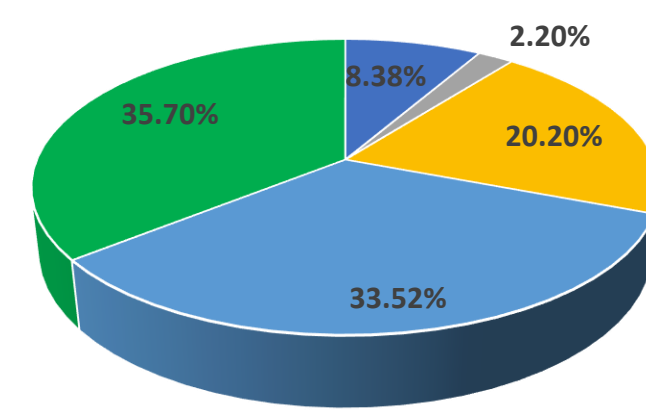
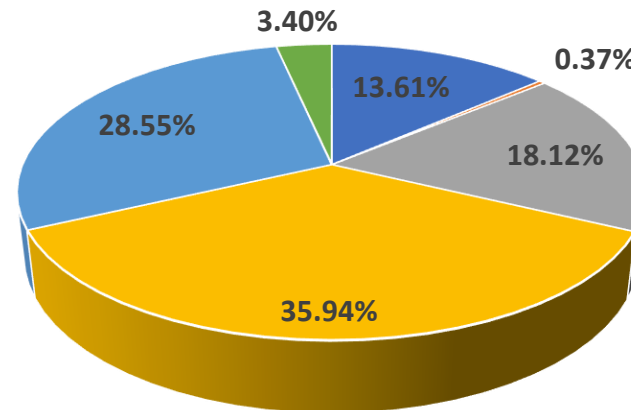
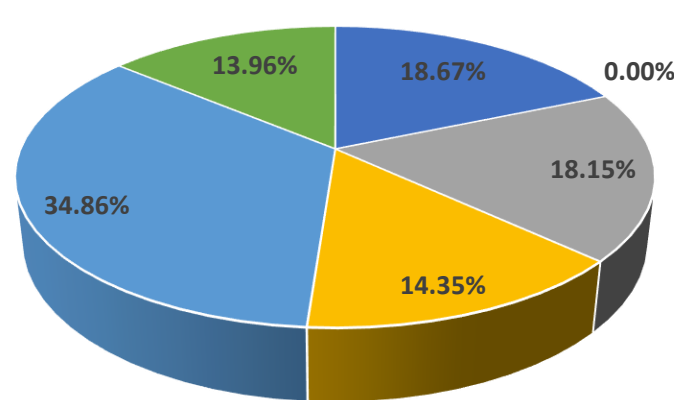
Education Sector Lending by ADB

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



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 training
- 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
- Innovative approaches and new operating modalities are called for to help DMCs keep pace with global trends
- Sharing of global experiences and practices and concrete working models with demonstrated results are sought by DMCs
- High-quality analytics in planning, design, and implementation are needed for value addition in ADB programs and projects

ADB as a Solutions Bank

Taking forward the Finance++ approach

- Lead on breakthrough knowledge solutions
- Support to innovation in ADB and in partner countries
- 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
- New pedagogies; teacher training

TVET

- Skills for fourth industrial revolution
- Skills for climate resilient and green occupations
- Skills for health workforce, aging population and care economy
- Skills for hi-tech agriculture
- Advanced skills (tertiary)
- Skills University
- Real time job market forecasting
- AI-based job matching platforms

Higher education

- Research, innovation, start-up ecosystems
- Higher order digital talent
- Advanced skills in science and new technologies
- Digital credentials, blockchain for qualifications
- Corporate research partnerships
- Accelerators and incubators and entrepreneurship

Knowledge and Operational Priorities

- 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

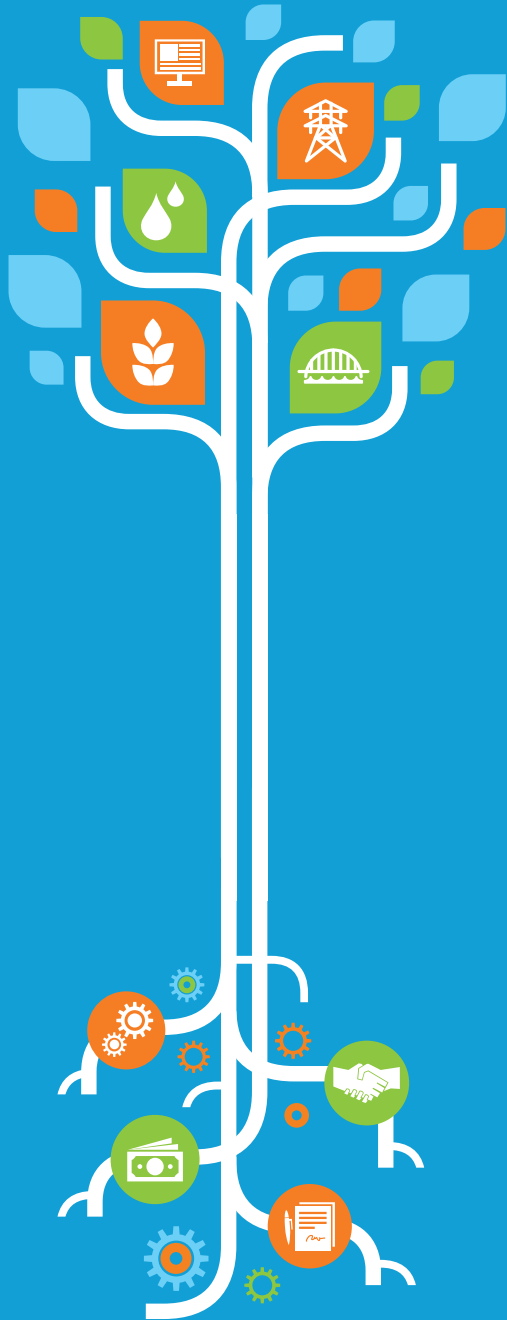
Improving delivery of knowledge and operations support

- 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 regional resource centers of excellence and ‘lighthouse’ institutions
- Enabling institutional partnerships for teacher training, student assessments and research collaboration

UK Expertise and Collaboration

UK and Global practices in

- School quality supervision, school leadership, assessments
- Affordable and sustainable technology, including 4IR
- Role of the private sector for market relevant capabilities
- New dimensions for equity: girls, youth, disability
- University networks, research collaborations
- Leading technical knowledge in key streams of work such as climate change, food security, urban resilience
- Education in a multi-sector context - skills for sustainable transport (eg, skills for the rail sector), skills for climate action, skills for energy transition mechanism and just transition



THANK YOU!

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Shanti Jagannathan
Principal Education Specialist
Education Sector Group
sjagannathan@adb.org
[linkedin.com/in/shanti-Jagannathan](https://www.linkedin.com/in/shanti-Jagannathan)

We can put those interested in touch with our colleagues in the
different regional departments

ADB 

APPENDICES

List of Pipeline Projects 2022–2024

2022 Approval Pipeline		ADB Financing
Central and West Asia Regional Department		
Kyrgyz Republic	School Education Reform Sector Development Program	40.0
Azerbaijan	Modernizing Vocational Education and Training for Economic Diversification Sector Development Program (MVETSDP)	150.0
Pakistan	Improving Workforce Readiness in Punjab Project	100.0
East Asia Regional Department		
Mongolia	Sustaining Access to and Quality of Education During Economic Difficulties Project (additional financing)	10.0
Pacific Regional Department		
Papua New Guinea	Improved Technical and Vocational Education and Training for Employment	50.0
South Asia Regional Department		
Bangladesh	Improving Computer and Software Engineering Tertiary Education Project	100.0
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	135.0
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	250.0
Cambodia	Science and Technology Project in Upper Secondary Education	80.0
Total 2022		1,215.0

List of Pipeline Projects 2022–2024

2023 Approval Pipeline		ADB Financing
Central and West Asia Regional Department		
Georgia	Improving Learning Outcomes in General Education	150.0
Uzbekistan	Secondary Education Investment in STEM Project	50.0
Tajikistan	Improving Science, Technology, Engineering, Mathematics Education Project	20.0
Pakistan	Punjab Education Sector Development Program	50.0
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	150.0
Bangladesh	TVET Teachers for the Future	300.0
Bangladesh	Innovations in Tertiary Education for Competitiveness (Garments and Textiles) 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		2,165.8

List of Pipeline Projects 2022–2024

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

Non-Lending Pipeline, 2022–2024

2022		
Country	Project Name	Amount (million US\$)
		ADB Financing
Azerbaijan	Preparing the Vocational Education Sector	0.75
Georgia	Improving Learning Outcomes in General Education Social Development Program	0.50
Bangladesh	Support to TVET and Skills Development Project (supplementary financing)	1.00
Bangladesh	Support to NextGen Primary and Secondary Education	1.00
Bangladesh	Preparing for Education for Children with Special Needs Project	0.50
Nepal	Implementation Support for the Second School Sector Development Plan	0.50
Nepal	Implementation Support for Improved Access to Skills for Productive Employment Project	0.50
Nepal	Preparing Support for Devolved Education Project: Making Schools Work	0.50
Regional	Knowledge Development Support for Southeast Asia II	0.07
	Total	5.32

Non-Lending Pipeline, 2022–2024

2023		
Country	Project Name	Amount (million US\$)
		ADB Financing
Uzbekistan	Preparing Secondary Education Investment in STEM Project (Additional financing)	0.80
Kyrgyz Republic	Education Sector Development Program	0.50
Maldives	Social Sector Development Project (Education) (piggybacked)	0.50
Bangladesh	Support to Tertiary Education Program	0.50
Bhutan	Preparing Strengthening Institutional Capacity for Innovation and Digital Transformation Project (TVET)	0.50
Sri Lanka	Human Capital Development Capacity and Implementation Support II	0.50
Nepal	Implementation Support for Devolved Education Project Making Schools Work	0.75
Mongolia	Skills Development and Long-Term Care	1.00
	Total	5.60

Non-Lending Pipeline, 2022–2024

2024		
Country	Project Name	Amount (million US\$)
		ADB Financing
Georgia	Skills Development	0.50
Uzbekistan	Science, Technology, Engineering, and Math in Secondary Education Project (additional financing)	1.80
	Total	2.30