



Business Opportunities for Education

24 September 2020

Presented by Brajesh Panth, Chief of Education Sector Group, SDSC-Edu

Outline

Mongolia School Education



University of South Pacific



Bangladesh Skills Development



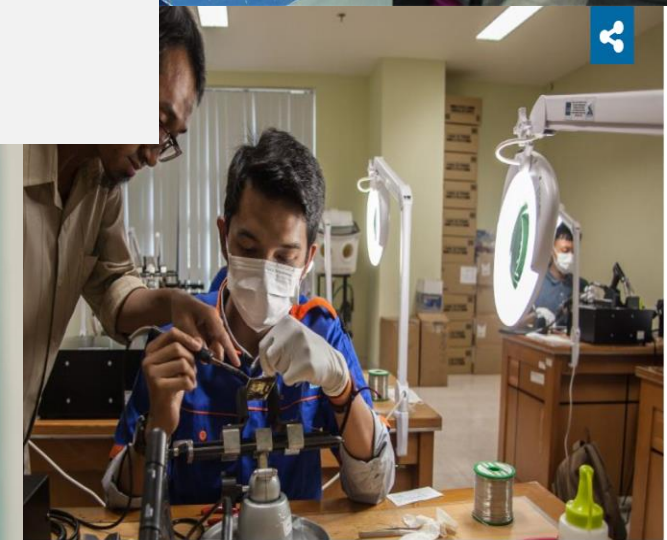
1. Challenges, Lessons Learned, Emerging Trends and Priorities
2. ADB Strategy 2030
3. ADB Education Portfolio



Tajikistan Skills Development



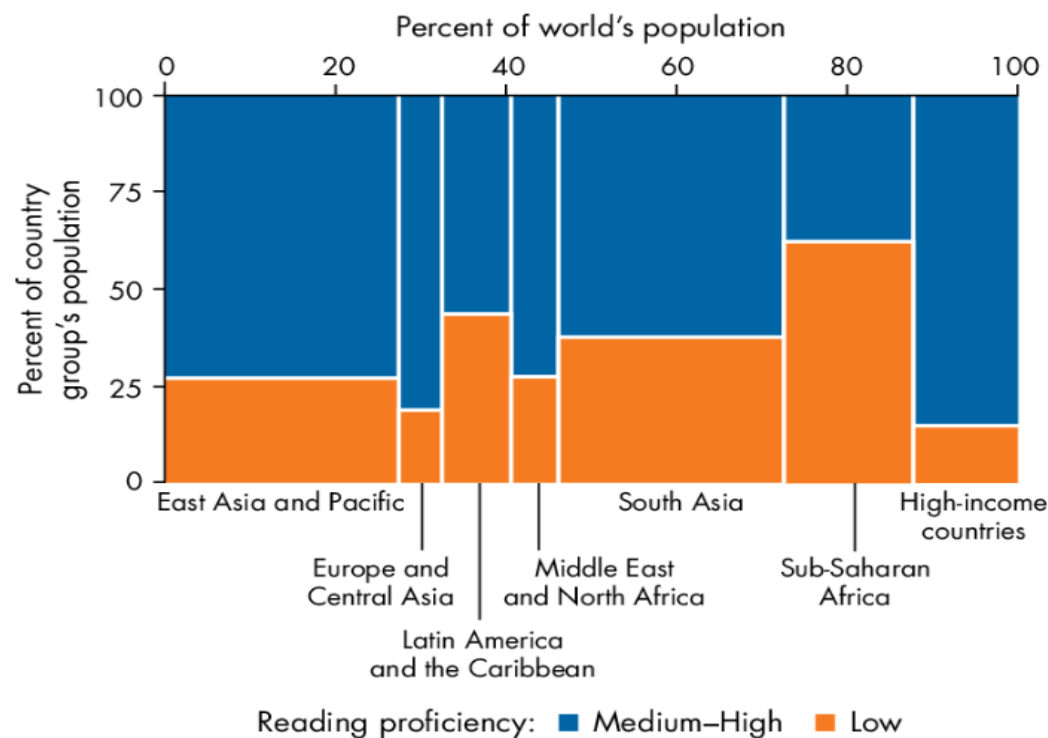
Philippines Secondary Education



Indonesia Higher Education

Challenges

Most of the people with low reading proficiency are in the Asia and Pacific Region

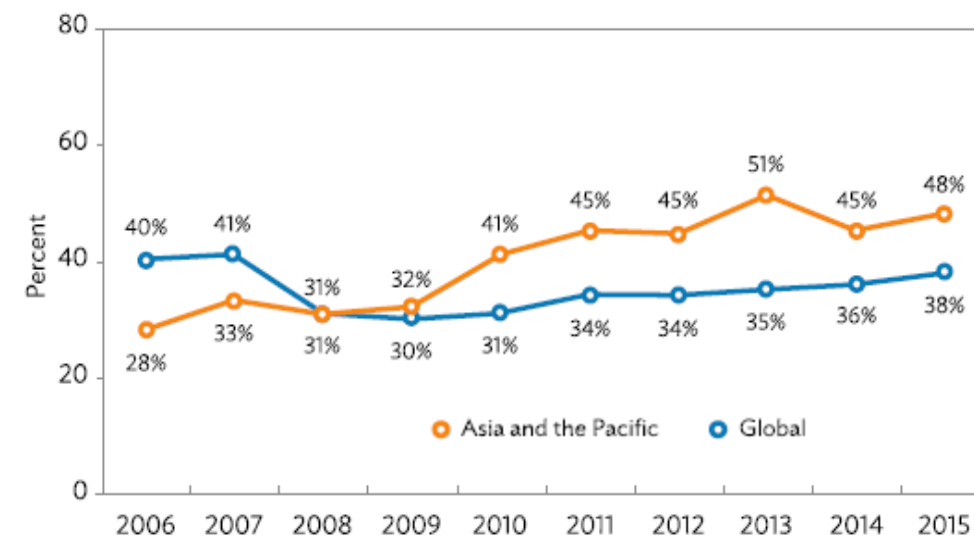


6 Reading proficiency is low in many parts of the developing world Estimated population ages 15-24, by country group and level of reading proficiency

Source: World Development Report 2018

There are large skills-mismatches in the region

Difficulty filling vacancies in Asia and the Pacific (in %)



Source: 2015 Talent Shortage Survey (Manpower Group, 2015)

Lessons from COVID-19

- It has exacerbated existing inequities
- Digital contents and assessments are not readily available for effective distance learning at such a scale
- Teachers are not prepared to manage distance learning
- The focus of learning has shifted from school to home and parents to support learners
- EdTech solutions that were more confined to private education suddenly got much wider acceptance in public education
- Government policies are critical to apply distance education more systematically
- Distance learning and EdTech solutions are not meant to replace face to face learning but rather to complement



source: world economic forum

Emerging Trends

- Critical need to address '**learning crisis**' with students not acquiring the necessary levels of learning or competencies
- Education sector solutions require 'back to basics' to strengthen foundational skills such as cognitive (literacy and numeracy), noncognitive (soft skills such as critical thinking, creativity, collaboration and communication) and occupational skills at higher levels
- Extensive support is needed for 21st century skills such as soft skills and digital skills
- Embracing technologies such as online learning across ADB's portfolio to ensure that education content and delivery help to prepare students for future jobs
- Far greater attention is needed for lifelong learning for upskilling and reskilling

Learning and equity central to education reform

SIX OVER-ARCHING PRIORITIES:

- Sustaining uninterrupted learning (anytime anywhere): through multi-channels – online, offline, mobile apps, TV/Radio, Print
- Revamping teacher quality including teacher professional development to transform learning experiences
- Compiling and adapting digital contents and transforming assessment
- Substantially improving equitable access to quality education and training (e.g. people with disabilities)
- Ensuring social protection measures to complement beyond just educational needs
- Rethinking capacity building (e.g. partnerships, twinning to strengthen institutions)



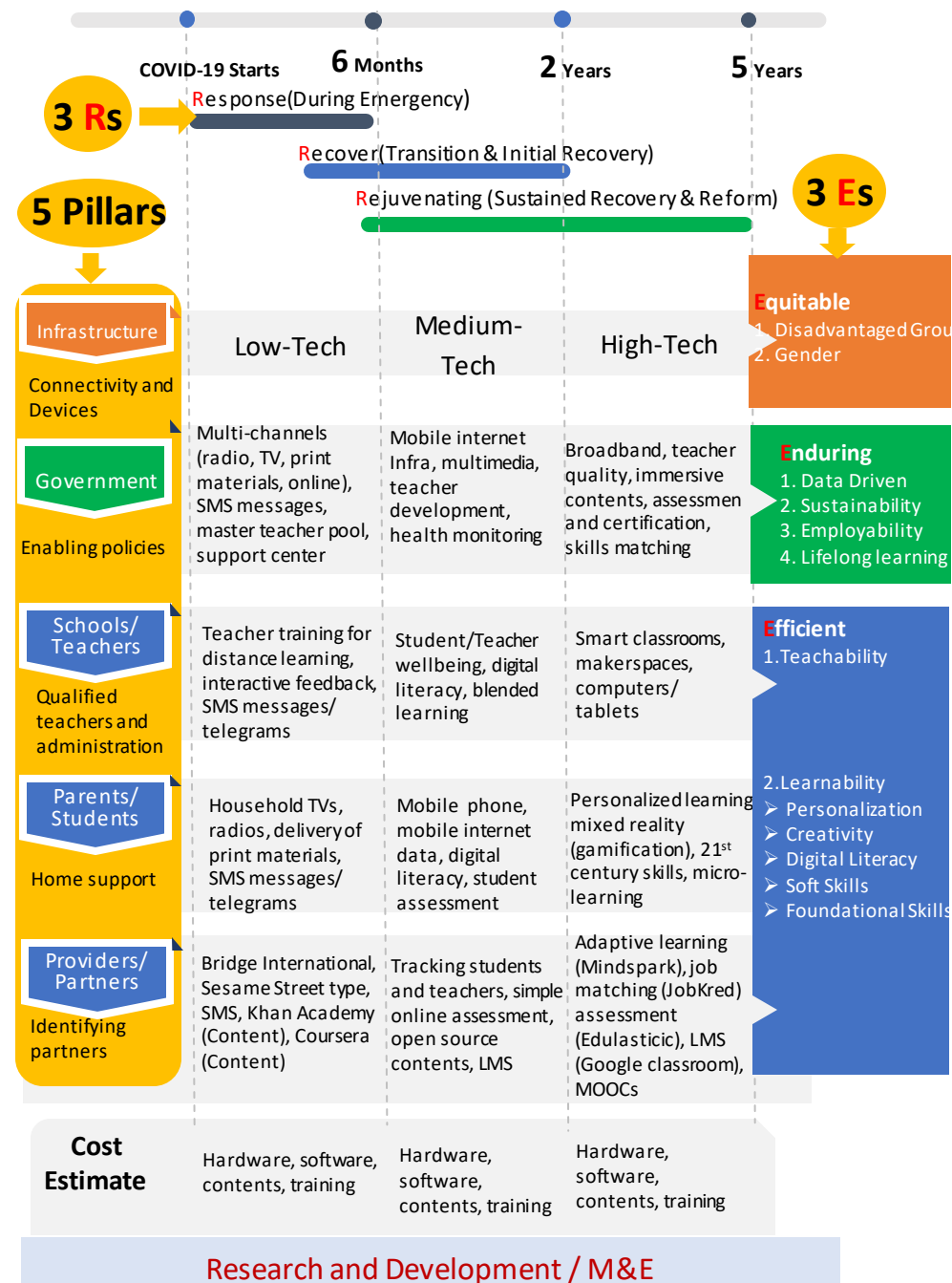
source: medium.com

K-12	TVET	HIGHER EDUCATION
Pre school	Technical training colleges	Universities
Primary	Polytechnics	Technical institutions
Secondary	Community colleges	Professional education

Key principles of promoting EdTech in ADB Education Sector Operations



5 Pillars of action plans in 3R phases to achieve 3E objectives



TECHNOLOGY MUST REDRESS ISSUES IN EDUCATION, PARTICULARLY LEARNING DEFICITS

Education Sector and 7 Ops in Strategy 2030

Operational Priority	Contributions of Education	Project examples
1: Addressing remaining poverty and reducing inequalities	<ul style="list-style-type: none">Target poorest households to increase consumption and the use of education and health services via CCTImproved quality of health workforce in the most vulnerable communities	BAN: Supporting Education for Children with Special Needs PHI: Expanded Social Assistance Project VIE: Second Health Human Resources Development Project MON: Support for Inclusive Education
2: Accelerating progress in gender equality	<ul style="list-style-type: none">Most education projects are GEN and EGM	BHU: Skills training and education pathways upgradation project CAM: Second upper secondary education sector development program
3: Tackling climate change, building climate and disaster resilience, and enhancing environmental sustainability	<ul style="list-style-type: none">Earthquake resistance design of schoolsTraining for infrastructure or preparing workforce for green skills	INO: Emergency Assistance for Rehabilitation and Reconstruction NEP: Disaster Resilience of Schools Project
4: Making cities more livable	<ul style="list-style-type: none">Improved education services including entrepreneurship and innovation in cities and connected economic corridors	PRC: Chongqing Innovation Human Capital Development Project
5: Promoting rural development and food security	<ul style="list-style-type: none">Skills development for agriculture modernizationImproved service delivery	BAN: Innovations in Tertiary Education for Competitiveness in Advanced Agriculture
6: Strengthening governance and institutional capacity	<ul style="list-style-type: none">Improved talent of civil serviceDecentralized service delivery	INO: Talent Management and Human Capital Development for Civil Service
7: Fostering regional cooperation and integration	<ul style="list-style-type: none">Regional cooperation in skills developmentMutual recognition and internationalization	PRC: Guangxi Modern TVET Development Program TAJ: Skills and Employability Enhancement Project REG: Higher Education in the Pacific Investment Program – Tranche 2

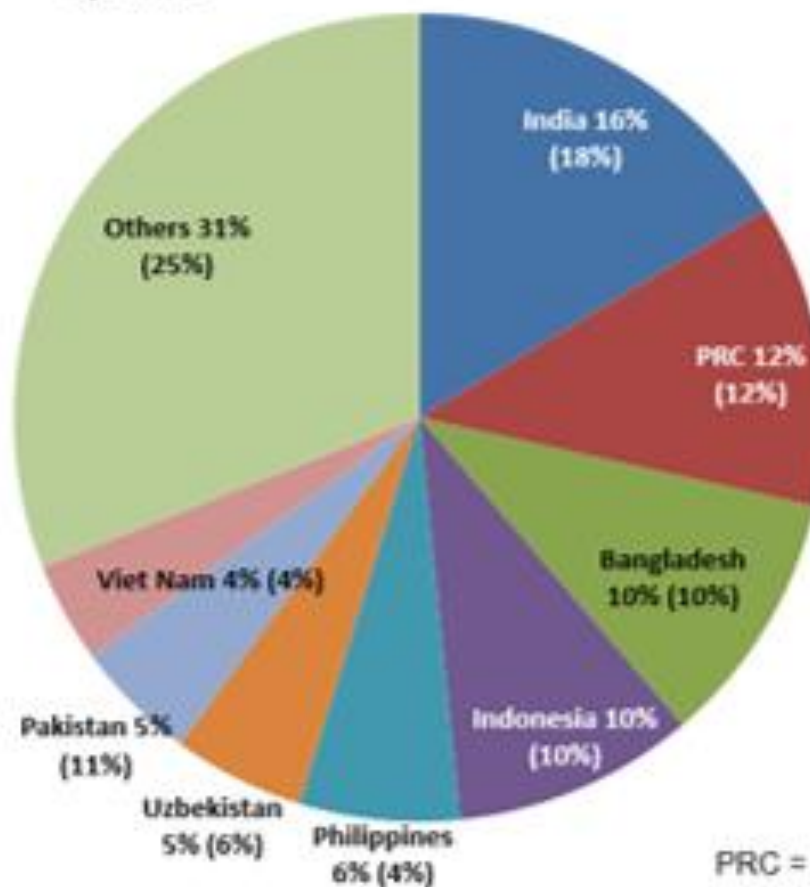
Examples of Innovative Approaches

- Our developing member countries are looking for innovative approaches to improve learning and employability.
- Here are some examples of such approaches
 - Skills and talent for high-tech agriculture (Bangladesh)
 - Use of high technology in training equipment and international partnerships (India)
 - Skills for elderly care (PRC)
 - Effective models of early childhood education to improve equity and foundational learning (PRC)
 - Skills for health workforce (Vietnam)
 - Blended learning in higher education (Bangladesh, Indonesia)
 - Regional repository of ICT-based materials for education (Pacific Region)
 - Skills for migrant workers (Tajikistan)
 - Centers of Excellence in TVET (in different countries)

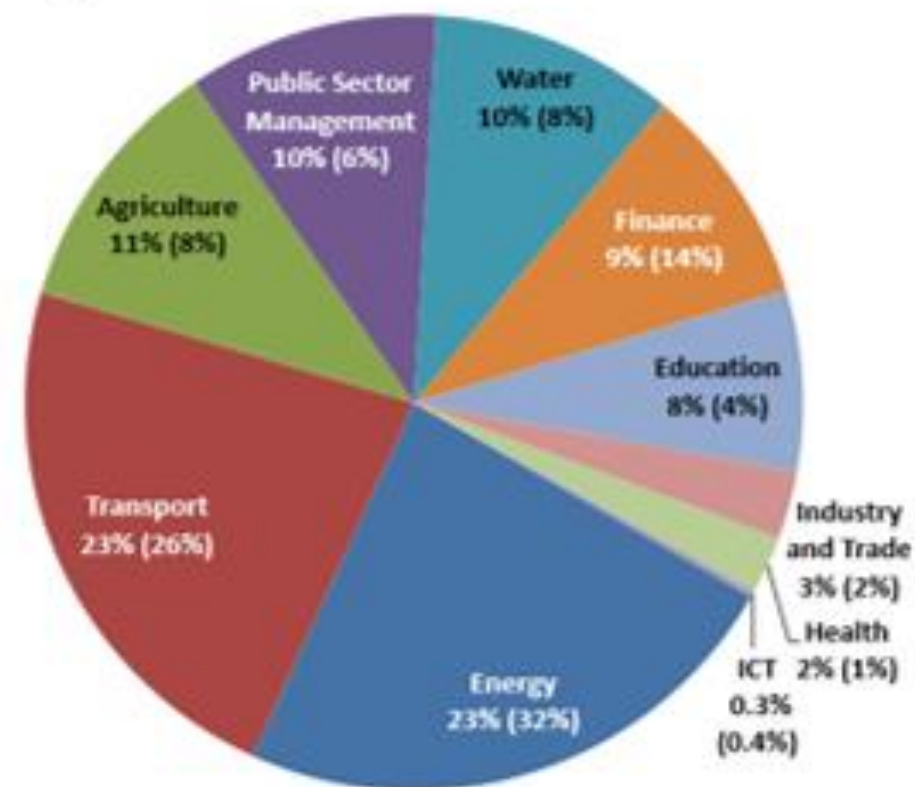
ADB Operations in 2018

Ordinary Capital Resources (OCR) and Asian Development Fund Operations (ADF)
(commitments in 2018 increased to \$21.6 billion from \$19.7 billion in 2017)

By DMC



By Sector



PRC = People's Republic of China

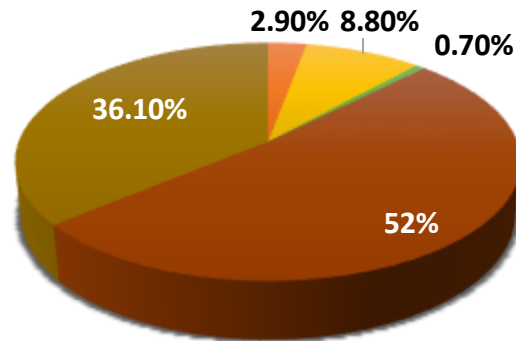
(Numbers in parentheses are for 2017.)

Numbers may not add up due to rounding.

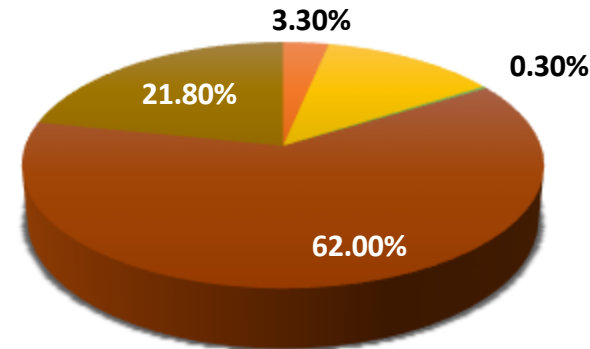
Education Sector Lending Trend

By Region

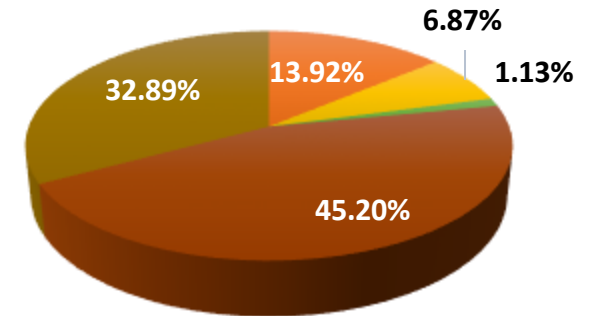
2014–2016
\$2.614 billion



2017–2019
\$4.862 billion



2020 – 2022
\$6.002 billion



Central and West Asia

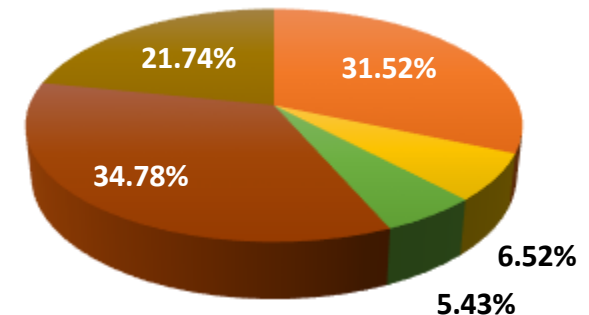
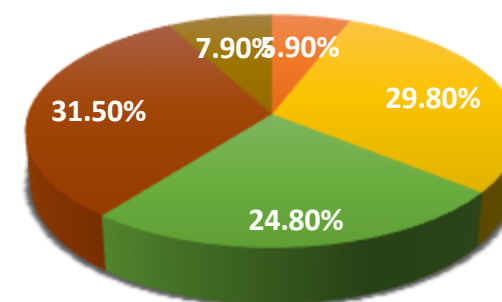
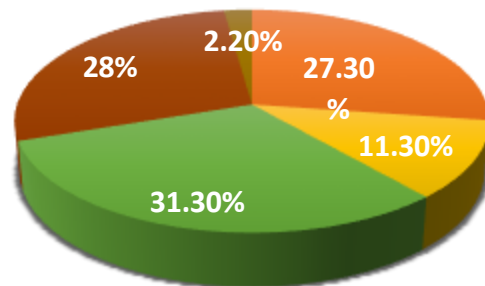
East Asia

Pacific

South Asia

Southeast Asia

By Subsector



Education sector development

Pre-primary and primary

Secondary

TVET

Tertiary

2020 Lending and Grants Pipeline

DMC	Project Name	Project Lead	Amount (\$ million)
Central and West Asia			
GEO	Modern Skills for Better Jobs Sector Development Program	N. Larocque	50.0
PAK	Improving Workforce Readiness in Punjab		100.0
UZB	Skills Development for a Modern Economy Project	X. Long	100.0
East Asia			
MON	Support for Inclusive Education	K. Schelzig	2.0
PRC	Jiangxi Shangrao Early Childhood Education Demonstration Project	A. Maruyama	100.0
PRC	Shangxi Technical and Vocational Education and Training Development Demonstration Program	A. Maruyama	100.0
South Asia			
BAN	Improving Computer and Software Engineering Tertiary Education Project	G. Song	100.0
SRI	Secondary Education Sector Improvement Program	U. Hoque	400.0
Total 2020			952.0

2021 Lending and Grants Pipeline

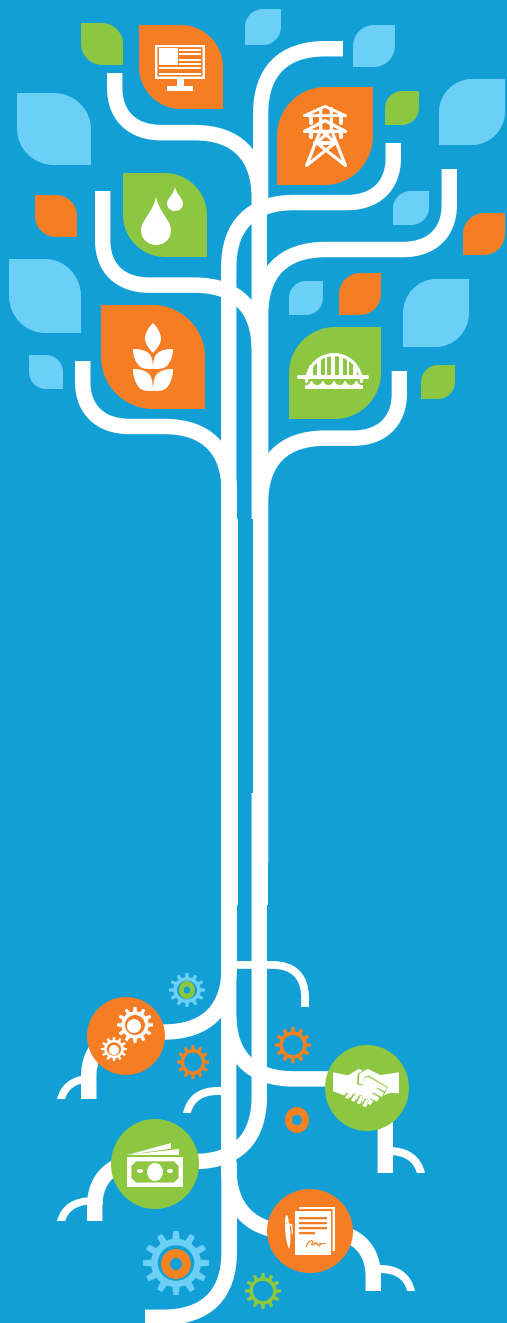
DMC	Project Name	Project Lead	Amount (\$ million)
Central and West Asia			
ARM	Education Sector Strengthening Program	K. Corbin	50.0
KYR	School Education Reform Sector Development Program	K. Corbin	35.0
PAK	Integrated Social Protection Development Program (Total project amount \$ 300 m)	A., Julian	150.0
UZB	Secondary Education Investment in STEM Project	X. Long	50.0
East Asia			
MON	Research University Sector Development Program	A. Maruyama	30.0
PRC	Shanxi Changzhi Green Transformation and Human Capital Development Project	S. Rau	30.0
PRC	Shaanxi Xi'an Preschool Education Development Program	K. Schelzig	150.0
Pacific			
PNG	Improved TVET for Employment Project	N. Carandang	50.0
South Asia			
BAN	Second Skills for Employment Program Phase 1	A. Maruyama	300.0
BAN	Strengthening Agricultural Tertiary Education Project	R. Hayashi	150.0
BHU	Transformative Approaches to Skills Development Project (TVET)	R. Hayashi	30.0
IND	Assam Skills Development Program	A. Maruyama	112.0
IND	State Education Enhancement Program in India (STEEP; formerly Supporting School Education Program)	S. Lee	500.0
NEP	Improved Access to Skills for Productive Employment Project	U. Hoque	70.0
Southeast Asia			
CAM	Science and Technology Investment Program, Tranche 1 (formerly Upper Secondary Education)	L. Perez	40.0
INO	Higher Education for Technology and Innovation	L. Perez, A. Sato, S. Wiryono	83.2
INO	Advancing Social Protection for Poverty and Inequality Reduction Program (ASPIRE) (formerly Support for Expanded Program Keluarga Harapan)	A. Sato	150.0
INO	Boosting Productivity and Human Capital Program, SP1	A. Sato/ S. Khatiwada	500.0
PHI	Facilitating Youth School-to-Work Transition Subprogram 3	M. C. Astray	400.0
Total 2021			2,880.2

2022 Lending and Grants Pipeline

DMC	Project Name	Project Lead	Amount (\$ million)
Central and West Asia			
AZE	Vocational Education Sector Development Program	N. Larocque	150.0
GEO	Improving Learning Outcomes in General Education	N. Larocque	150.0
Pacific			
SOL	Education Sector Project	C. Thonden	10.0
VAN	Education Sector Project	C. Thonden	8.0
South Asia			
BAN	Digital University Development Project	G. Soon Song	120.0
BAN	Innovations in Tertiary Education for Competitiveness	R. Hayashi	100.0
IND	Meghalaya Human Capital Development Project (Phase II)	V.H. Annamraju	80.0
IND	Kerala Skills Development Project (Phase 2)	S. Lee	100.0
IND	Supporting Schools of Excellence in Gujarat	S. Lee	250.0
NEP	Second Supporting School Sector Development Plan	U. Hocque	100.0
SRI	Second Skills Enhancement Program		200.0
SRI	Additional Financing of Science and Technology Human Resource Development Project	R. Hayashi	100.0
Southeast Asia			
CAM	Skills for Future Economy Investment Program, PFR 1		100.0
INO	Skills for Employability	L. Perez	200.0
INO	Promoting Research and Innovation through Modernization and Enhancement of Science and Technology Park (formerly Higher Education for Technology and Innovation Project Phase 2)	L. Perez	200.0
PHI	Integrating Innovation System in Philippine Technical and Vocational Education and Training	S. Chakravarti	100.0
VIE	Skills and Knowledge for Inclusive Economic Growth Project 2	S. Tanaka	100.0
VIE	Upgrading Higher Education Institutions for Better Qualified Human Resources		100.0
Total 2022			2,168.0

Key contacts for the education team

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THANK YOU!

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