Education Sector Group
Presentation

Emerging Priorities and ADB's Support to Education Sector

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Outline

Bangladesh Higher Education

Mongolia School Education

Quality Basic Education in North Pacific

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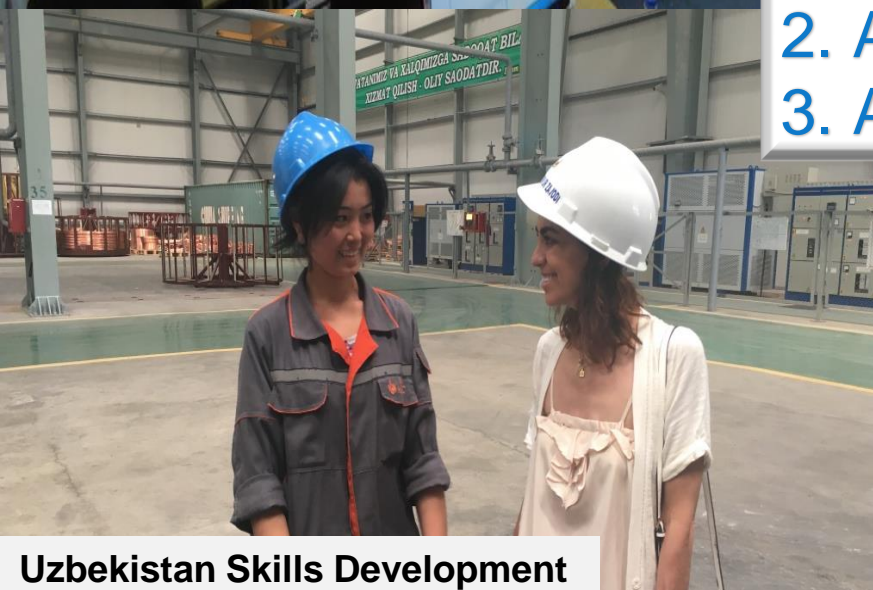
Uzbekistan Skills Development

Philippines Secondary Education

Indonesia Higher Education

ADB's assistance will increase student access to higher education and support the advancement of skills and knowledge youth.

Source: ADB and Google

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Challenges

Most of the people with low reading proficiency are in the Asia and Pacific Region
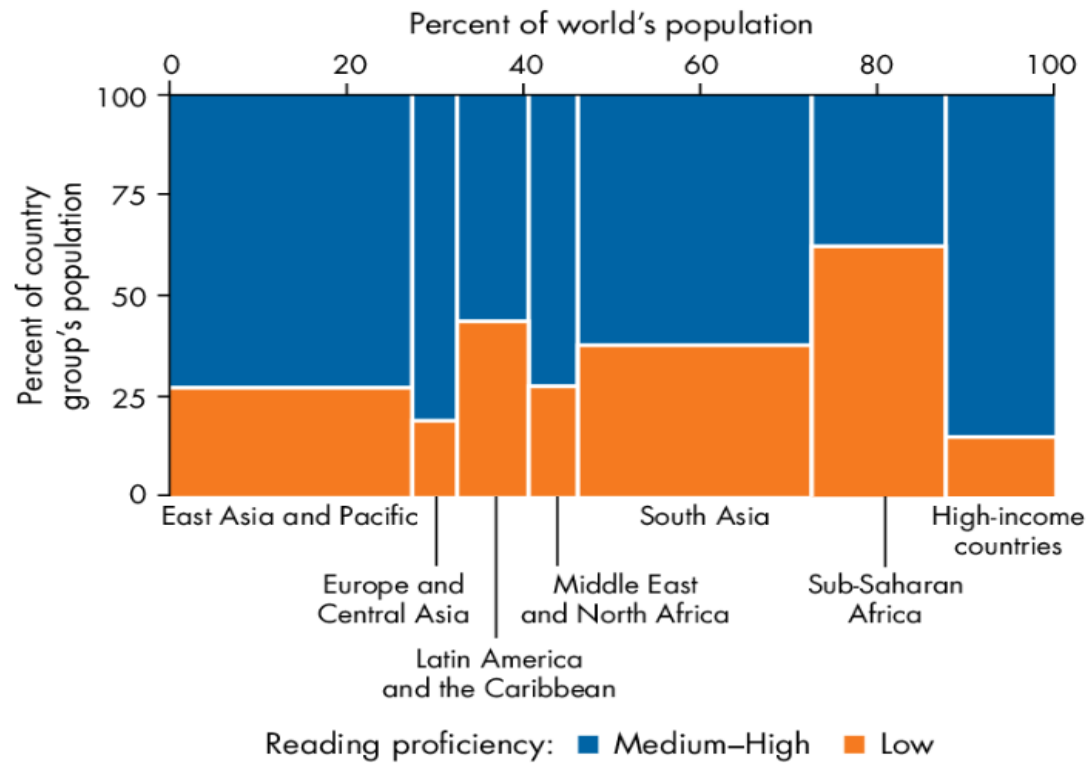
6 Reading proficiency is low in many parts of the developing world Estimated population ages 15-24, by country group and level of reading proficiency

Source: World Development Report 2018.

There are large skills-mismatches in the region.

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

Lessons from COVID-19

- It has exacerbated existing inequities.
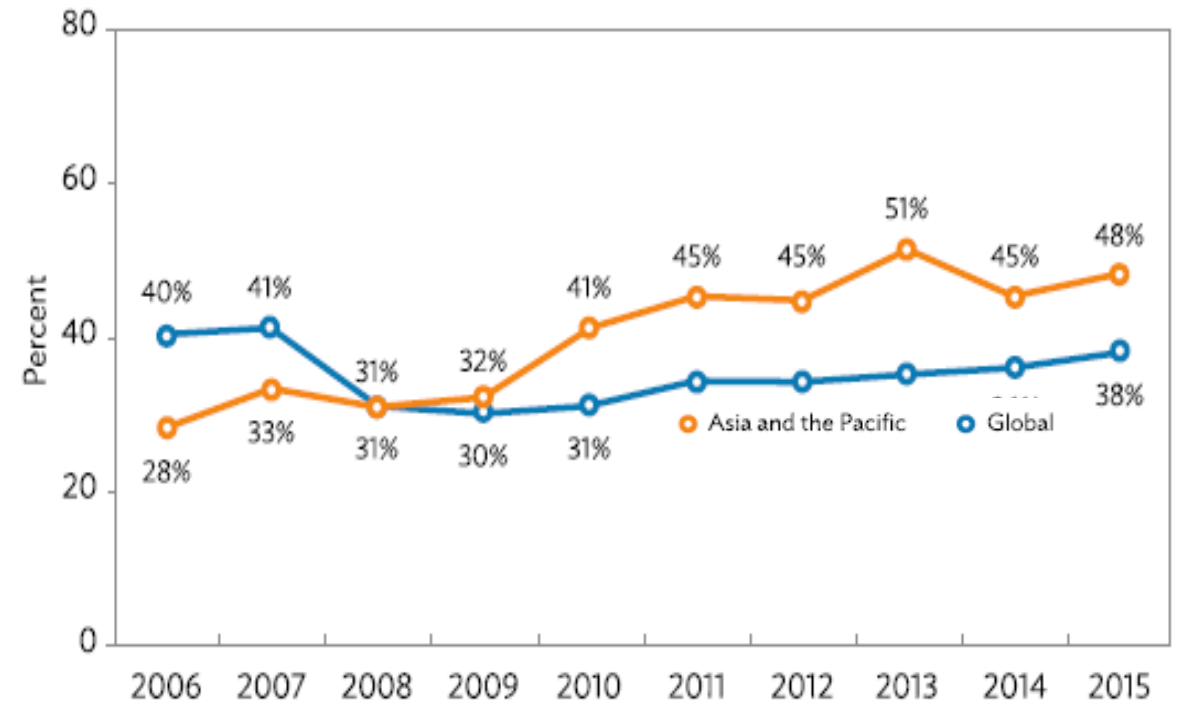
- Digital contents and assessments are not readily available for effective distance learning at such a scale.

- 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: newatlas.com

SAVE OUR FUTURE

Averting an Education Catastrophe for the World's Children

Source: Save our Future campaign.

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

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Learning and Equity Central to Education Reform

ADB's support to K-12 education

- Quality and relevance of education

- Equitable access to education

- Education systems and governance

Emerging Priorities

- Reduce curriculum load, greater focus on 21st century skills, and improve continuous formative assessment

- Innovative pedagogical models

- Teacher quality (recruitment, career path, professional development, incentives)

- School principals, leadership and school management

- EdTech to scale up learning, equity and efficiency

- Mobilize innovative funding and improve quality spending

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

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International cooperation

Cooperation with University of Strathclyde

Other international networks and projects

National cooperation

FITech, Technology industries of Finland, other stakeholders

National development projects

STEaM Turku

- Increasing the appeal of science and technology
- A science and technology path combining early childhood, basic, and secondary education
- New digital solutions, contents of instruction, learning materials and learning environments
- New paths to higher education
- Creating new forms of cooperation between all levels of education, universities, and companies
- Development projects (a total of 18 in September 2019)
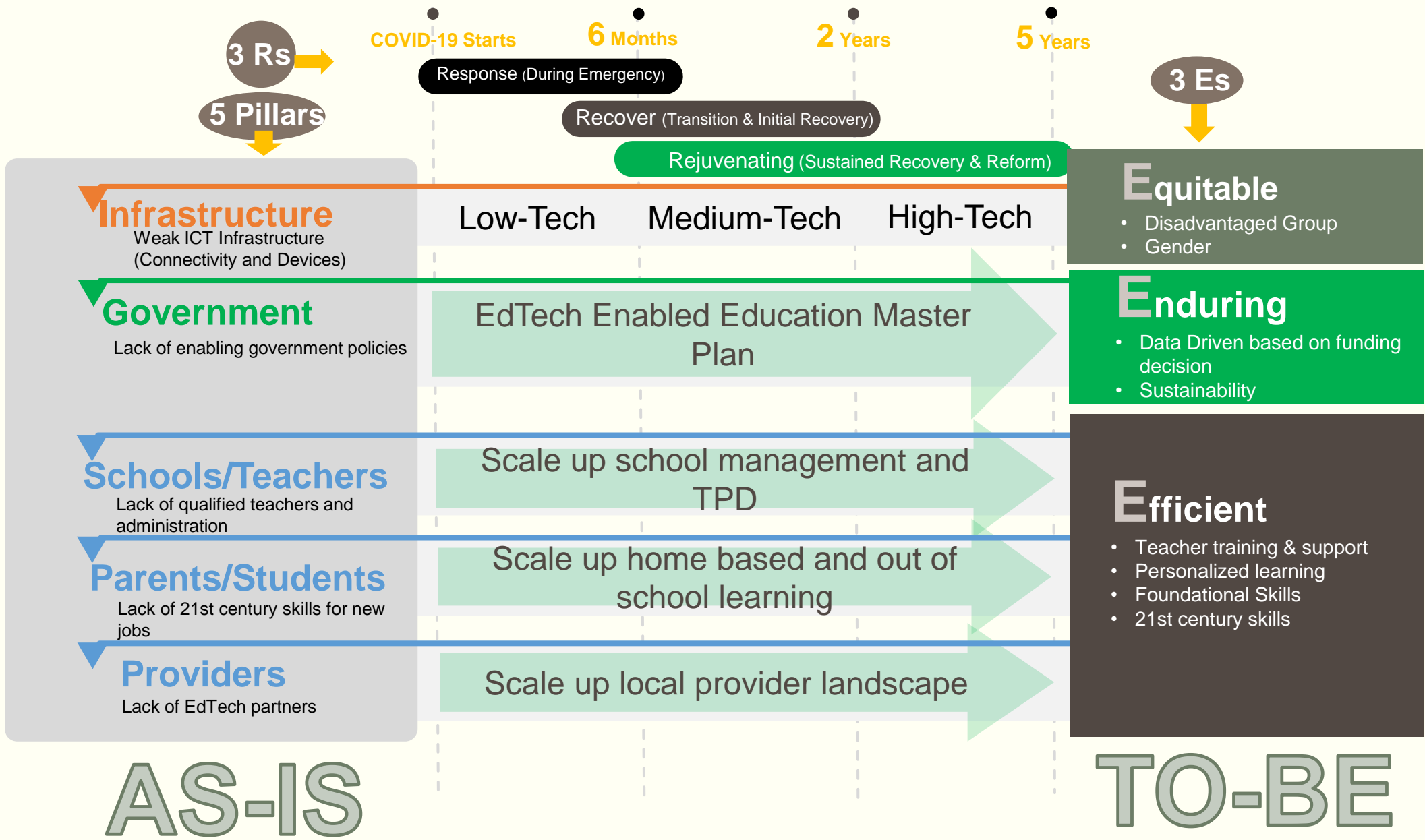
STEAM South-West Finland

Cooperation with the Education Forum for Maritime Industry and Technology

Dissemination and productization of results

Common development projects

New forms of cooperation
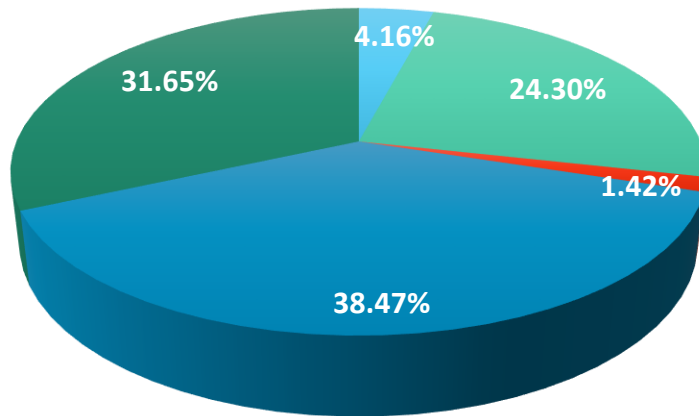
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Ecosystem Approach to EdTech

3 Rs

5 Pillars

COVID-19 Starts

6 Months

2 Years

5 Years

3 Es

Response (During Emergency)

Recover (Transition & Initial Recovery)

Rejuvenating (Sustained Recovery & Reform)

Infrastructure
Weak ICT Infrastructure (Connectivity and Devices)

Low-Tech   Medium-Tech   High-Tech

Equitable
- Disadvantaged Group
- Gender

Government
Lack of enabling government policies

EdTech Enabled Education Master Plan

Enduring
- Data Driven based on funding decision
- Sustainability

Schools/Teachers
Lack of qualified teachers and administration

Scale up school management and TPD

Parents/Students
Lack of 21st century skills for new jobs

Scale up home based and out of school learning

Efficient
- Teacher training & support
- Personalized learning
- Foundational Skills
- 21st century skills

Providers
Lack of EdTech partners

Scale up local provider landscape

AS-IS

TO-BE

8

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Education Sector and 7 OPs in Strategy 2030

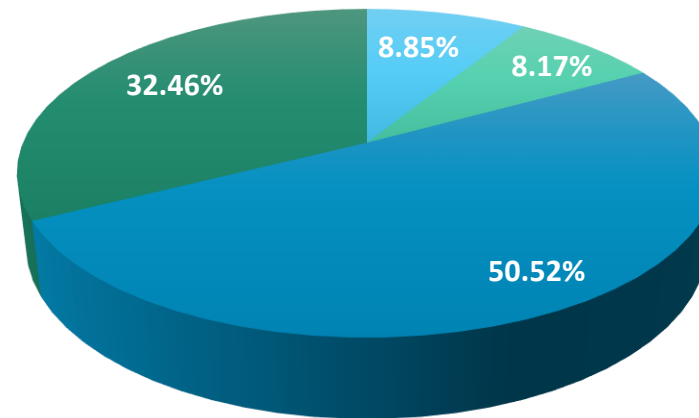| Operational Priority	Contributions of Education	Project examples
1: Addressing remaining poverty and reducing inequalities	• Target poorest households to increase consumption and the use of education and health services via CCT • Improved quality of health workforce in the most vulnerable communities	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	• 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	• Earthquake resistance design of schools • Training 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	• 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	• Skills development for agriculture modernization • Improved service delivery	BAN: Innovations in Tertiary Education for Competitiveness in Advanced Agriculture
6: Strengthening governance and institutional capacity	• Improved talent of civil service • Decentralized service delivery	INO: Talent Management and Human Capital Development for Civil Service
7: Fostering regional cooperation and integration	• Regional cooperation in skills development • Mutual recognition and internationalization	PRC: Guangxi Modern TVET Development Program TAJ: Skills and Employability Enhancement Project REG: Higher Education in the Pacific

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Education Sector Lending Trend

BY REGION

2015–2017
$2.001 billion

- 4.16%
- 24.30%
- 31.65%
- 1.42%
- 38.47%

2018–2020
$3.650 billion

- 8.85%
- 8.17%
- 32.46%
- 50.52%

2021–2023
$4.958 billion

- 1.21%
- 12.81%
- 0.36%
- 35.00%
- 50.62%

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

BY SUBSECTOR

2015–2017
- 2.76%
- 30.30%
- 44.45%
- 10.87%
- 11.62%

2018–2020
- 10.55%
- 14.22%
- 16.99%
- 28.11%
- 30.14%

2021–2023
- 25.49%
- 14.71%
- 5.88%
- 14.71%
- 39.22%
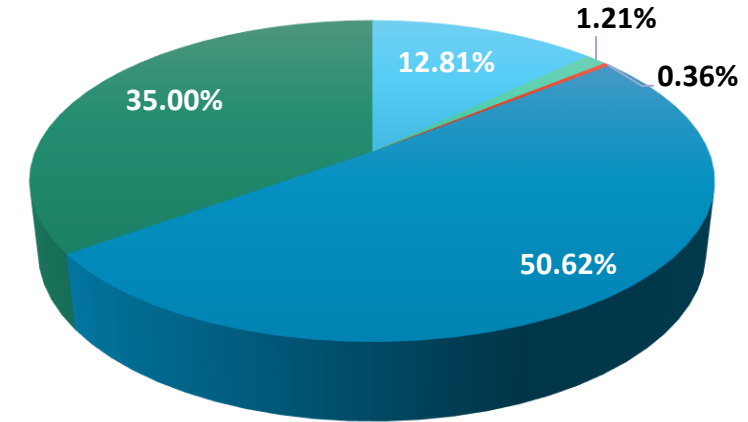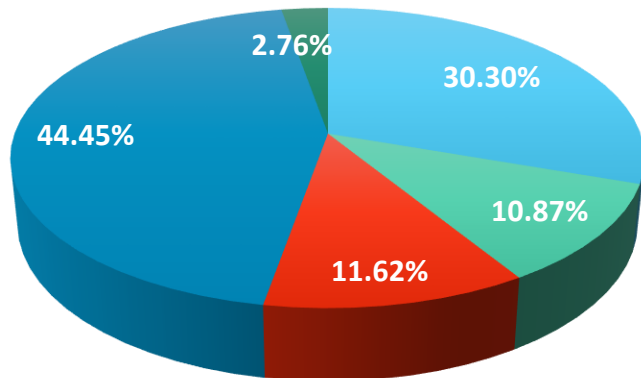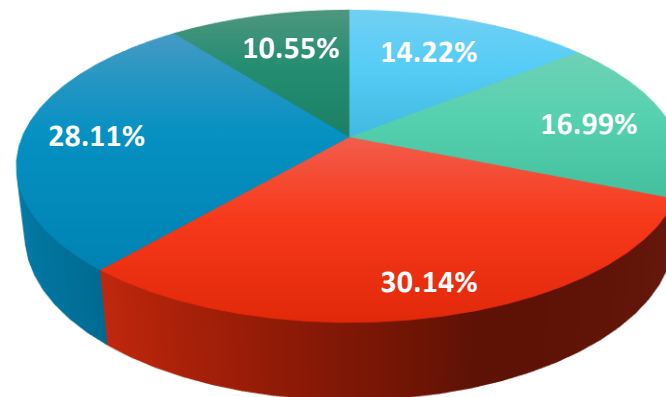
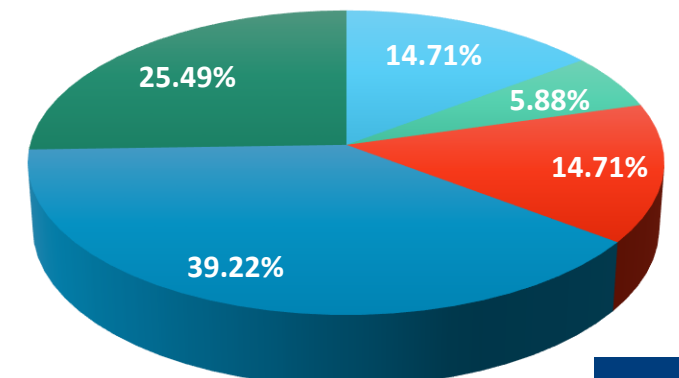Legend:
- Education sector development
- Pre-primary and primary
- Secondary
- TVET
- Tertiary

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Examples of Innovative Approaches

Higher Education Projects

BAN: Digital University

INO: Higher Education for Technology and Innovation

MON: Research Universities

VIE: Medical Schools

K-12 Projects

CAM: STEM Program

SOL: Education Sector Project

SRI: Secondary Education

UZB: Secondary Education STEM

PRC: Early Childhood Education

TVET Projects

PHI: Innovation Learning Centers

IND: Assam Skill University

PNG: Improved TVET for Employment

TAJ: Skills for Migrant Workers

Cross-Sectoral Projects

BAN: Advanced Agriculture Univ

PRC: Shanxi Changzhi Green Industrial Transformation and Human Capital Development Project

PHI: Facilitating Youth School to Work Transition

ADB TO PROVIDE 'THOUGHT LEADERSHIP' IN FUTURISTIC DESIGN

11

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2021 Lending and Grants Pipeline

DMC	Project Name	Project Lead	Amount ($ million)
Central and West Asia			
PAK	Improving Workforce Readiness in Punjab – Project	E. Tajima	100.0
South Asia			
BAN	Improving Computer and Software Engineering Tertiary Education Project	G. S. Song	100.0
IND	Accelerating State Education Program to Improve Results (ASPIRE) (with piggybacked TA)	S. Lee	300.0
IND	Assam Skill University Project (with piggybacked TA)	A. Maruyama	112.0
BAN	Education Sector Development Preparatory Facility (PRF)	R. Hayashi	15.0
Southeast Asia			
INO	Higher Education for Technology and Innovation	L. Perez, A. Sato, S. Wiryono	79.5
INO	Boosting Productivity and Human Capital Program, SP1	M. Ismail/ S. Khatiwada	100.0
PHI	Facilitating Youth School-to-Work Transition Subprogram 3	M. C. Astray	150.0
		Total 2021	**956.5**

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2022 Lending and Grants Pipeline

DMC	Project Name	Project Lead	Amount ($ million)
Central and West Asia			
KGZ	School Education Reform Sector Development Program	K. Corbin	35.0
AZB	Vocational Education Sector Development Program	TBD	75.0
GEO	Improving Learning Outcomes in General Education	TBD	150.0
GEO	Modern Skills for Better Jobs Sector Development Program - Subprogram 2	E. Tajima	30.0
UZB	Secondary Education Investment in STEM Project	E. Tajima	50.0
East Asia			
MON	Research University Sector Development Project	A. Maruyama	30.0
Pacific			
SOL	Education Sector Project	P. Borjegren	10.0
VAN	Secondary TVET Education Project	P. Borjegren	8.0
South Asia			
NEP	Second Supporting School Sector Development Plan	U. Hoque	100.0
BAN	Strengthening Agricultural Tertiary Education Project	R. Hayashi/ G. Song	150.0
IND	State Skills Development Project	TBD	100.0
BAN	Second Skills for Employment Project (Phase 1)	A. Maruyama	300.0
NEP	Improved Access to Skills for Productive Employment Project	U. Hoque	70.0
SRI	Second Skills Enhancement Program	G. Song	200.0
BHU	Pathways for Innovation and Technical Education Project	R. Hayashi	30.0
Southeast Asia			
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 (might be advanced to 2021)	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 (formerly Tertiary Education Development Project)	tbd	100.0
CAM	Skills for Future Economy Investment Program, PFR 1	Y. Yamakawa	100.0
CAM	Science and Technology Investment Program, Tranche 1 (formerly Upper Secondary Education)	L. Perez	40.0
TIM	Workforce and Skills Development Project/ Secondary Education Project	A. Lawrence	10.0
	Total 2022		**2,188.0**

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2023 Lending and Grants Pipeline

DMC	Project Name	Project Lead	Amount ($ million)
Central and West Asia			
TAJ	Improving Science, Technology, Engineering, Mathematics Education Project	TBD	20.0
PAK	Punjab Education Sector Development Program	TBD	50.0
PAK	Sindh Secondary Education Investment (additional financing)	TBD	75.0
UZB	Secondary Education Investment in STEM Project (Additional financing)	TBD	50.0
East Asia			
MON	Responding to the Demographic Bubble in the Education Sector	TBD	30.0
South Asia			
SRI	Innovation and R&D Capacity Development Project	TBD	100.0
IND	Meghalaya Human Capital Development Project (Phase 2)	TBD	80.0
IND	Accelerating State Education Program to Improve Results (ASPIRE) - Phase 2	S. Lee	200.0
NEP	Support for Devolved Education Project: Making Schools Work	U. Hoque	50.0
MLD	Social Sector Development Project	U. Hoque	22.8
BHU	Strengthening Institutional Capacity for Innovation and Digital Transformation (TVET)	R. Hayashi	30.0
SRI	Additional Financing of Science and Technology Human Resource Development Project	R. Hayashi	150.0
BAN	Innovations in Tertiary Education for Competitiveness (Garments and Textiles) Project	R. Hayashi	100.0
BAN	TVET Teachers for the Future	Z. li	300.0
Southeast Asia			
INO	Boosting Productivity and Human Capital Program, SP2	A. Sato/ S. Khatiwada	500.0
LAO	Skill Development for Inclusive and Sustainable Growth Project	Y. Yamakawa/ A. Lawrence	56.0
	Total 2023		**1,813.8**

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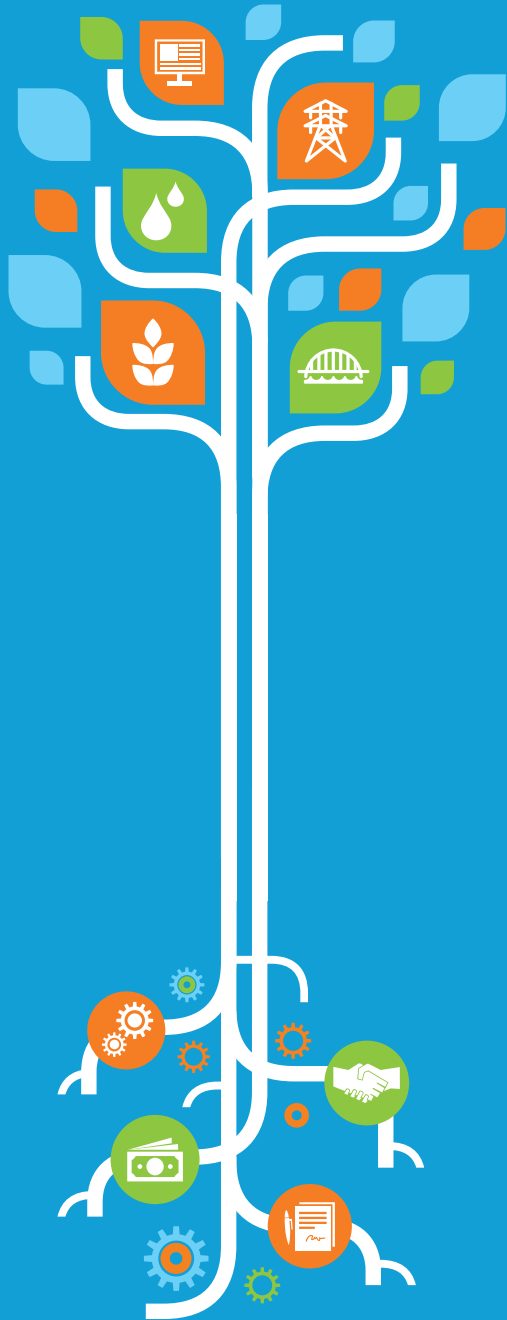
THANK YOU!

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