



**Education Sector Group
Presentation**

**Business Opportunities for
Education**

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Group
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Outline

University of South Pacific



Mongolia School Education



Bangladesh Skills Development



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



30 Tajikistan Skills Development



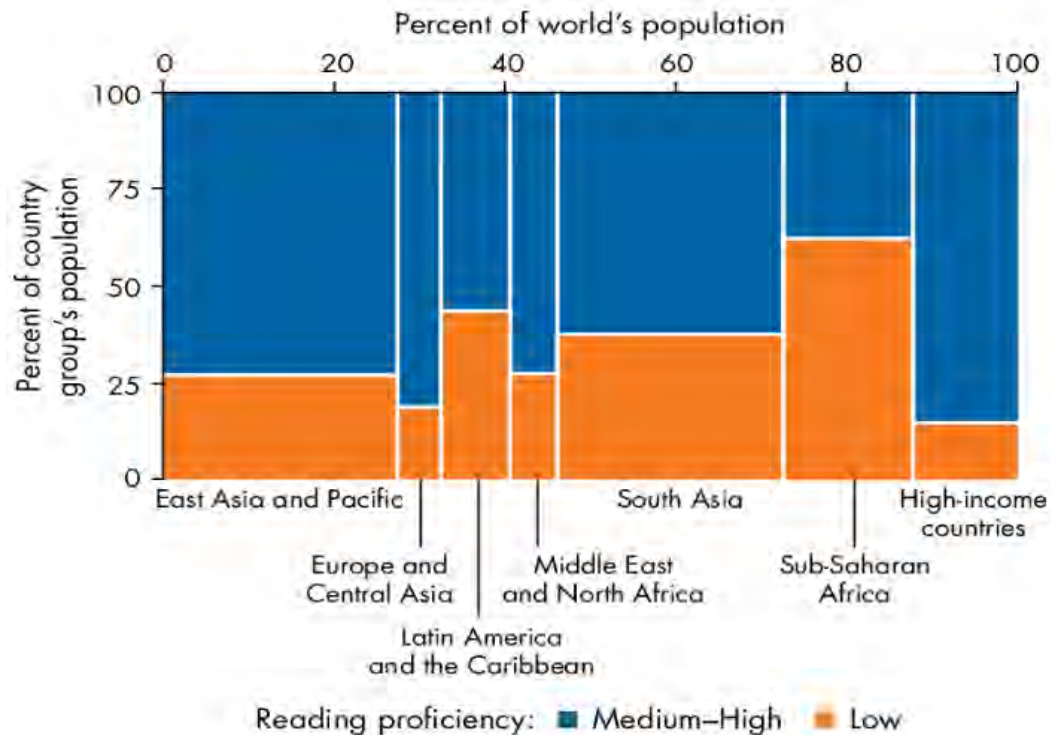
Philippines Secondary Education



Indonesia Higher Education

Challenges

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

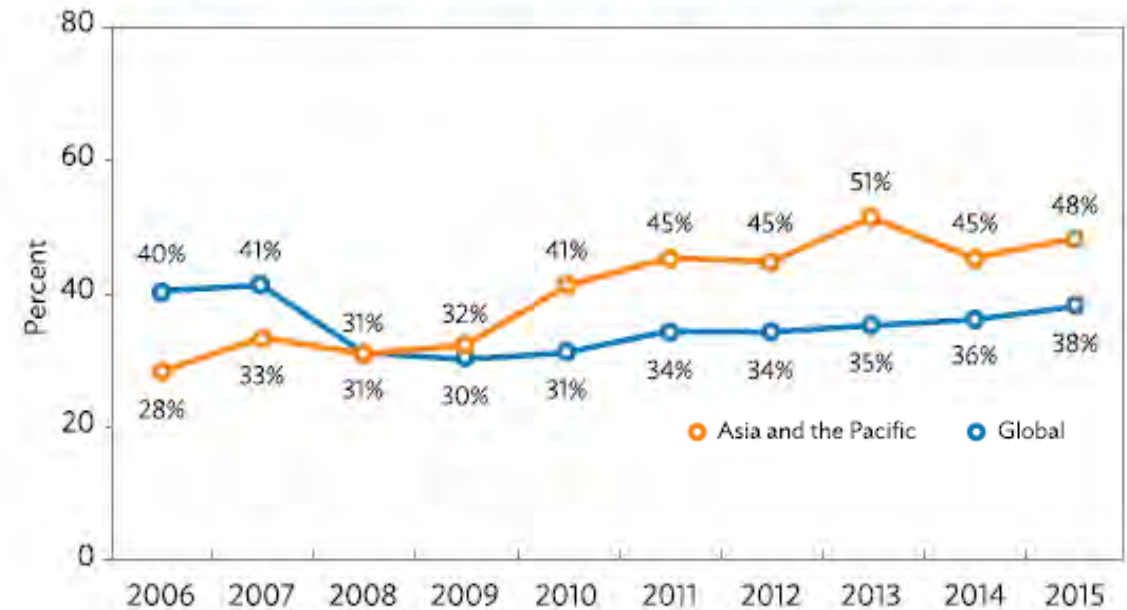


6 Reading proficiency is low in many parts of the developing world. Estimated population ages 15-24, by country group and level of reading proficiency.

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: newatlas.com



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 |

Education Sector and 7 OPs in Strategy 2030

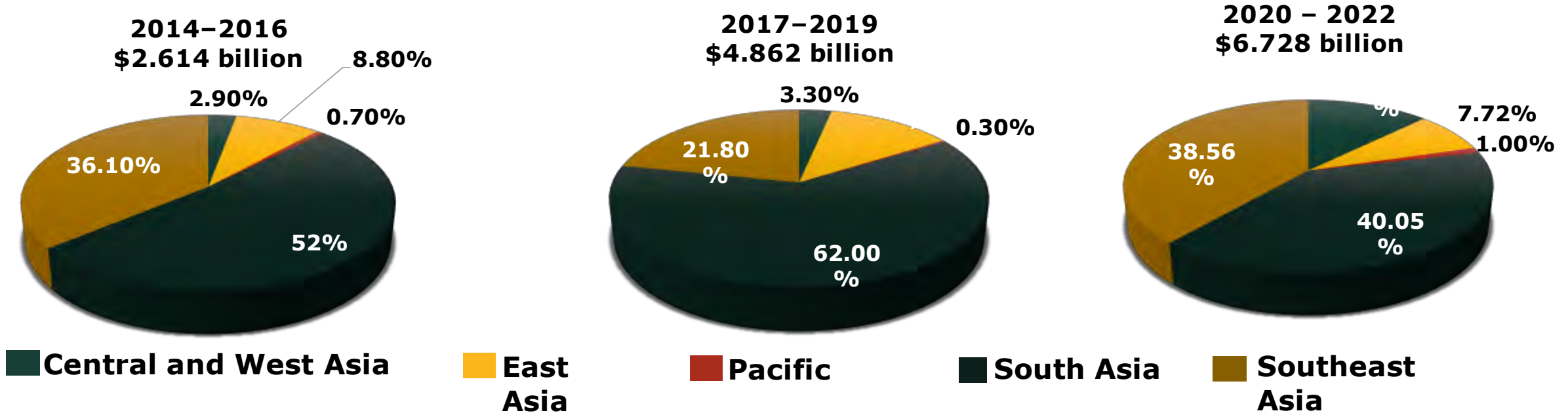
| Operational Priority | Contributions of Education | Project examples |
|--|---|--|
| 1: Addressing remaining poverty and reducing inequalities | <ul style="list-style-type: none"> Target poorest households to increase consumption and the use of education and health services via CCT Improved quality 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 | <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 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 | <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 modernization Improved 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 service Decentralized 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 development Mutual recognition and internationalization | PRC: Guangxi Modern TVET Development Program |

Examples of innovative approaches

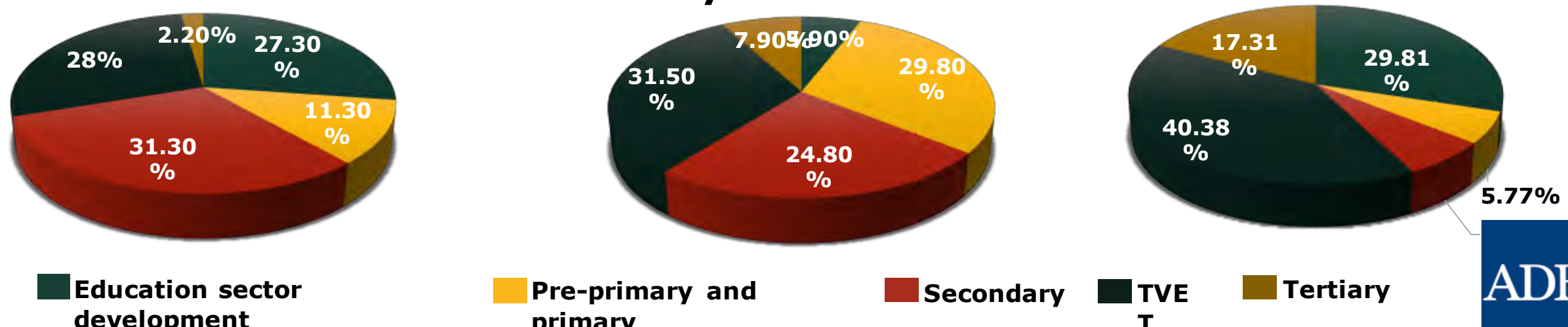
- Our developing member countries are looking for innovative approaches to improve learning and employability.
- Here are some examples of such approaches
 - Skills and talent for high-tech agriculture (Bangladesh)
 - Use of high technology in training equipment and international partnerships (India)
 - 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)

Education Sector Lending Trend

By Region



By Subsector



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 Project | N. Larocque | 100.0 |
| TAJ | Skills and Employability Enhancement Project | E. Izawa | 30.0 |
| UZB | Skills Development for a Modern Economy Project | X. Long | 100.0 |
| East Asia | | | |
| 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 |
| PRC | Chongqing Innovation and Human Capital Development Project | H. Maruyama | 117.0 |
| 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 |
| Southeast Asia | | | |
| PHI | Expanded Social Assistance Project | S. Chakravarti | 500.0 |
| Total 2020 | | | 1,597.0 |

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 (Total \$100M) | 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 | 300.0 |
| INO | Boosting Productivity and Human Capital Program, SP1 | A. Sato/ S. Khatiwada | 500.0 |
| PHI | Facilitating Youth School-to-Work Transition Subprogram 3 (\$300M) | M. C. Astray | 400.0 |
| TIM | Workforce and Skills Development Project/ Secondary Education Project | A. Lawrence | 10.0 |
| Total 2021 | | | 3,040.2 |

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 |
| MLD | Social Sector Development Project | | 22.8 |
| 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 |
| Total 2022 | | | 2,090.8 |

Key contacts for the education team

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