



# ASIAN DEVELOPMENT BANK

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日本の「官民協働プラットフォーム」への  
アジア開発銀行の協力の可能性

# 1. OVERVIEW ON ADB



アジア開発銀行は  
2016年12月  
創立50周年を迎えます。

**Headquarters Manila, Philippines**  
**Founded in 1966**  
**67 Members**  
**President Takehiko Nakao (Japan)**

**本部 : マニラ**  
**創立 : 1966年**  
**加盟 : 67か国**  
**総裁 : 中尾武彦**

**Authorized Capital \$147.1 billion (JPY 15.3 trillion) for end 2015**

Major shareholders (capital share %): Japan (15.6%),  
United States (15.6%), PRC (6.5%), India (6.3%)

**授權資本 : 15,3兆円**

**Annual Loan/Investment Approval \$16.3 billion\* (JPY 1.7 trillion) in 2015**

\*Including loans, ADF grants, guarantees and equity investments, but excluding technical assistance and cofinancing

**2015年融資承認額 : 1,7兆円**

**Loan Outstanding \$89.1 billion (JPY 9.3 trillion) for end 2015**

Top recipients: India, PRC, Pakistan, Viet Nam,  
Bangladesh

**2015年末融資残高 : 9,3兆円**

**Staff 3,098 (including international staff 1,104) (Dec 2015)**

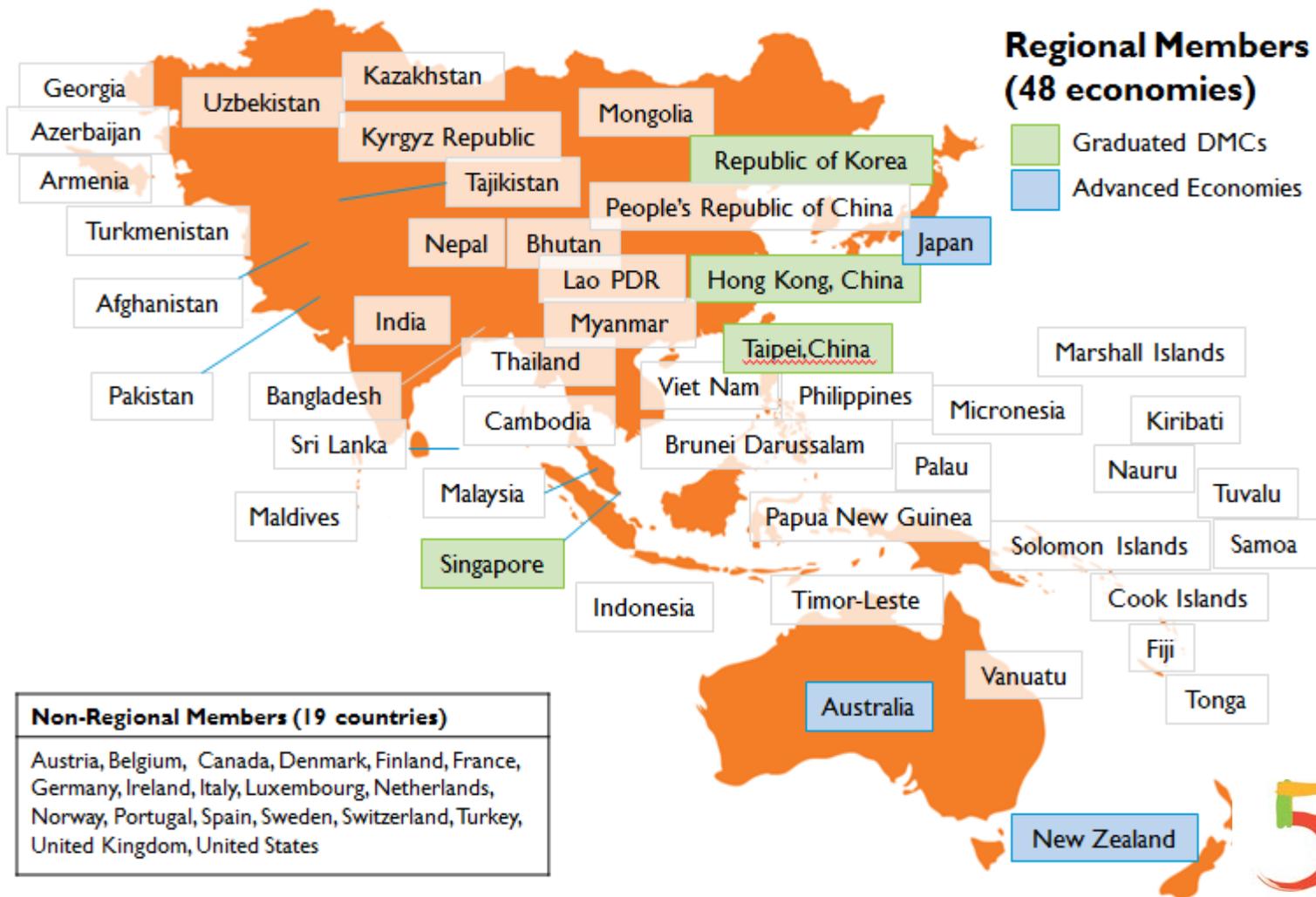
Japan (152), United States (150), India (81),  
Australia (69)

**職員数 : 3,098名**  
**うち日本人 152名**



# ADB has an extensive network in 48 economies.

アジア開発銀行はアジア・太平洋地域に48のメンバー



# 2. ADB EDUCATION SECTOR

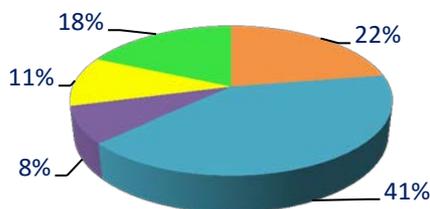
## アジア開発銀行の教育セクター



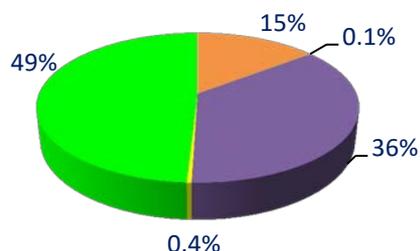
# ADB's Growing Education Portfolio

## 拡大するアジア開発銀行の教育セクター

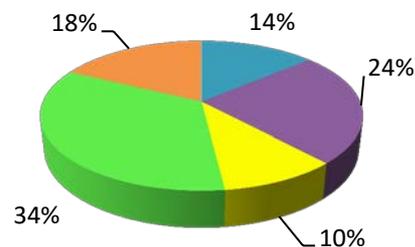
**2009-2011**  
(US\$1.284 billion)



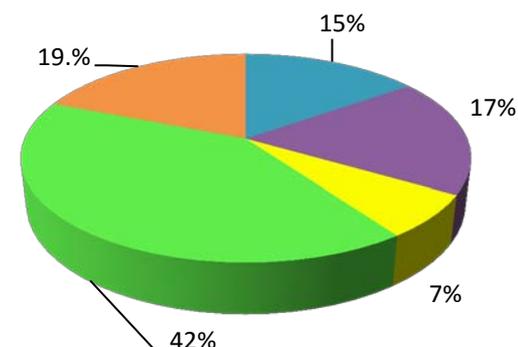
**2012-2014**  
(US\$1.760 billion)



**2015-2017**  
(US\$3.564 billion)



**2016-2018**  
(US\$5.773 billion)



■ Broad Education Sector Development

■ Pre-Primary and Basic Education

■ Upper Secondary Education

■ Tertiary and Higher Education

■ Technical and vocational education and training

技術・職業教育・訓練

# Current development challenges

## 現在の教育分野での開発チャレンジ

- ❖ **Exclusion (教育の機会均等)** : Around 5% of “hard to reach” children are still out of school. Girls’ education should remain a major priority.
- ❖ **Quality (質)** : More than average years of schooling, countries with high performance on PISA are also performing well in economic development.
- ❖ **Mismatches (ミスマッチ)** : Three types of mismatches exist—(i) demand-supply, (ii) geographical, and (iii) sectoral.
- ❖ **Knowledge-skills (知・スキル)** : More than natural resources and cheap labor, successful economies have relied on their human capital, R&D and innovations.
- ❖ **Green growth (環境問題)** : Inefficient use of resources, unsustainable pressure on the environment and climate change, and rising inequalities pose challenges to the long term economic growth of countries in Asia and the Pacific.

# Innovate

(教育分野でのイノベーション)

## Leverage ICTs and elearning

- ICTs for teaching and learning (BAN, NEP, PAC)

ICTとe-ラーニング

## Financial incentives

- Girls retention rates (BAN)
- Conditional Cash Transfers for poor students (PHI)

金銭的インセンティブ

## Promote PPPs

- Integrating PPP solutions (BAN, IND, PHI)

パブリック・プライベート・パートナーシップ

## Enhance quality

- Improve national student assessment systems (NEP, BAN, SRI, VIE, KYR, INO)

質の向上

## Anticipate demand

- Science and Technology (NEP, SRI, THA)
- New workforce (MYA)

新しい需要

## Regional Cooperation & Integration

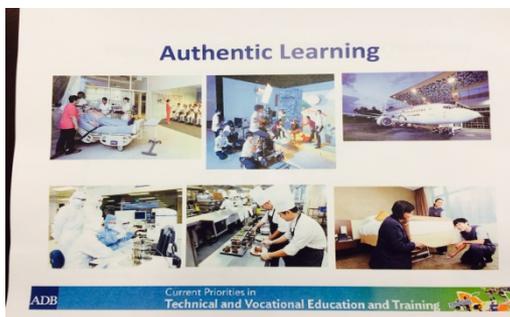
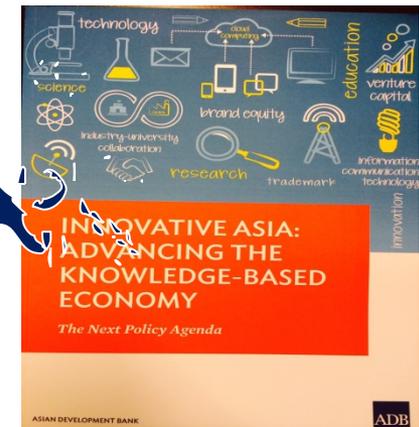
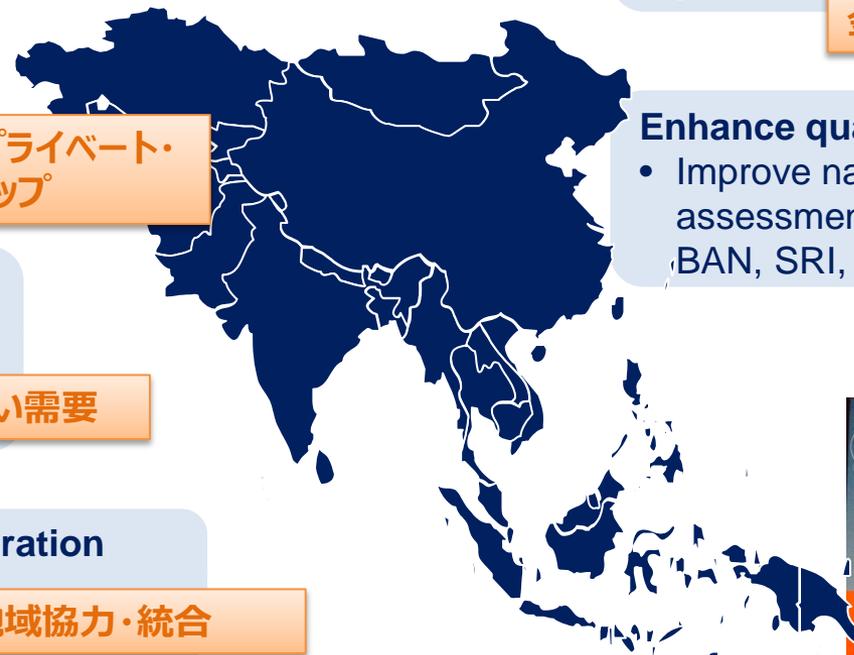
- PRC
- ASEAN

地域協力・統合

## Adapt financing modalities to contexts

- Increase use of RBL (SRI, IND, PHI and PRC) and MFF (PARD and BAN)

融資方法の選択



# Potential Partnerships

## 他の開発主体とのパートナーシップの可能性

- ❖ Partnership with Chevron in Bangladesh

民間企業との協力

- ❖ PISA for Development in partnership with OECD: Bangladesh, Nepal, Sri Lanka, Kyrgyz Republic, Tajikistan, Cambodia, Lao PDR, Philippines, Mongolia

OECDのPISAについての協力

- ❖ Centers of Excellence (growth sectors, emerging sectors): South Asia, South East Asia, Central and West Asia

トップレベルの研究機関

- ❖ ICT / eLearning to transform teaching and learning: All 5 regions (CWRD, EARD, PARD, SARD, SERD)

ICT/eラーニング

- ❖ Support for Disaster Management and Climate Change: most vulnerable countries

災害と気候変動の分野での協力

- ❖ University-Industry Linkages: Nepal, Sri Lanka, Indonesia, Thailand (opportunities also exist in other countries)

大学と産業の連携

- ❖ Knowledge Products & Knowledge Partnerships (OECD, GIZ, The Head Foundation)

知の分野での協力



# 3. HOW ADB CAN BE A PARTNER OF JAPANESE PUBLIC-PRIVATE COLLABORATIVE PLATFORM

日本の「官民協働プラットフォーム」への  
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# HOW ADB CAN BE A PARTNER OF JAPANESE PUBLIC-PRIVATE COLLABORATIVE PLATFORM

## 1. Knowledge Sharing

知の分野での協力

e.g. ADB Skills Forum in Manila (19-21 Sep 2016)

例. 9月19～21日 アジア開発銀行 Skills Forumへの文部科学省の参加

## 2. ADB's Technical Assistance

ADBの技術協力

e.g. MEXT sends resource persons

例. 文部科学省からの講師の派遣

## 3. ADB cofinances with Japanese ODA

e.g. India, Myanmar, Viet Nam

日本のODAへのアジア開発銀行の協調融資

# APPENDICES

# Appendix

# 2014 Approvals

Total Lending US \$ 817.6 million

DMC	Project Name	Amount (US \$ million)
Bangladesh	Skills for Employment Investment Program	100.0
Cambodia	Technical and Vocational Education and Training Sector Development Program	30.0
PRC	Guangxi Baise Vocational Education Development Project	50.0
PRC	Gansu Baiyin Integrated Urban Development Project	2.6
India	Kerala Additional Skill Acquisition Program	100.0
India	Rural Education Project	2.0
Kyrgyz Republic	Strengthening Education System Sector Development Program	22.0
Kyrgyz Republic	Investment Climate Improvement - Subprogram 3	2.8
Mongolia	Skills for Employment Project	25.0
Philippines	Senior High School Support Program	300.0
REG (PARD)	Higher Education in the Pacific Investment Program	1.0
Sri Lanka	Skills Sector Enhancement Program	100.0
Tonga	Cyclone Ian Recovery Project	2.2
Viet Nam	Second Lower Secondary Education for the Most Disadvantaged Areas Project	80.0

# Appendix

# 2015 Approvals

Total Lending US \$ 586.1 million

DMC	Project Name	Amount (US \$ million)
Armenia	School Seismic Safety Improvement Program	17.9
Bangladesh	Secondary Education Sector Investment Program - PFR 2	185.0
Bangladesh	Third Primary Education Development Project- Additional Financing	120.0
PRC	Beijing-Tianjin-Hebei Air Quality Improvement-Hebei Policy Reforms Program	1.7
PRC	Guizhou Vocational Education Development Program	150.0
Kyrgyz Republic	Second Investment Climate Improvement Program, Subprogram 1	1.5
Nepal	Earthquake Emergency Assistance Project	80.0
Tajikistan	Strengthening Technical and Vocational Education and Training	30.0

# 2016 Indicative Pipeline

Total Lending US \$ 983.3 million

DMC	Project Name	Amount (US \$ million)
Mongolia	Ensuring Inclusiveness and Service Delivery for Persons with Disabilities*	7.5
Regional (Pacific)	Higher Education in the Pacific Investment Program - Tranche 2 and 3	15.4
Regional (Pacific)	Improving Quality Basic Education in the North Pacific (FSM & RMI) (2016 <i>Tentative</i> )	10.0
Bangladesh	Skills for Employment Investment Program - PFR 2	100.0
India	Himachal Skills Development Project	80.0
India	Odisha Skills Development Project	100.0
Nepal	Supporting School Sector Development Program	120.0
Cambodia	Upper Secondary Education Sector Development Project (formerly Strengthening Secondary Education and Teaching of Math and Science Program)	45.0
Lao PDR	Second Strengthening Higher Education Project	39.9
Lao PDR	Second Technical Vocational Education Project	25.0
Myanmar	Equipping Youth for Employment Sector Development Program (formerly Preparing Youth for the Workplace Sector Development Program)	95.5
Philippines	Facilitating Youth School-to-Work Transition Program*	120.0
Philippines	Social Protection Support Project - Additional Financing*	175.0
Viet Nam	Second Secondary Education Sector Development Program	20.0
*Multi-sector project. Amount reflects sector share.		



# 2017 Indicative Pipeline

Total Lending US \$ 1,752.0 million

DMC	Project Name	Amount (US \$ million)
Kyrgyz Republic	Education Reform Project ( <i>Standby</i> )	30.0
PRC	Heilongjiang Coal-Rich Cities Redevelopment*	10.0
Regional (Pacific)	Improving Quality Basic Education in the North Pacific (FSM & RMI) ( <i>2016 Tentative</i> )	10.0
Bangladesh	Secondary Education Sector Investment Program - (\$500M MFF) PFR 3	225.0
Bangladesh	Information Technology Parks for Employment and Innovation (formerly Development of IT Parks for Employment Project)	250.0
Bhutan	Education and Skills Development Project ( <i>Standby</i> )	15.0
India	Madhya Pradesh Skills Development Project	150.0
Nepal	PDA for Higher Engineering Education (formerly Strengthening Higher Engineering Education)	2.0
Sri Lanka	Skills Sector Enhancement Program -Additional Financing	100.0
Cambodia	Upper Secondary Education Sector Development Project II	60.0
Indonesia	Education Sector Improvement Program I	500.0
Thailand	Infrastructure Development for Research and Technology	300.0
Viet Nam	Skills and Knowledge for Inclusive Economic Growth (formerly Secondary Education Sector Teachers and Education Managers Development Program)	100.0
*Multi-sector project. Amount reflects sector share.		

# 2018 Indicative Pipeline

Total Lending US \$ 1,614.9 million

DMC	Project Name	Amount (US \$ million)
Azerbaijan	Education Sector Improvement Project	50.0
Kyrgyz	Education Reform Project ( <i>Standby for 2017</i> )	30.0
Mongolia	High School Development	30.0
PRC	Guangxi Modern TVET Development Demonstration	250.0
Regional	Higher Education in the Pacific Investment Project	15.0
Bangladesh	Fourth Primary Education Development Program	300.0
Bangladesh	Skills for Employment Investment Program - Tranche 3	150.0
Bhutan	Education and Skills Development Project ( <i>Standby for 2017</i> )	15.0
India	Supporting the Ministry of Skill Development and Entrepreneurship	500.0
Maldives	Technical and Vocational Education and Training Project	14.9
Nepal	Skills Development Program	100.0
Sri Lanka	Science and Technology Human Resource Development Program	100.0
Cambodia	Skills for Competitiveness Development Program ( <i>Standby</i> )	60.0

The logo consists of the letters 'ADB' in a white, serif font, centered within a solid dark blue square.

ADB

[www.adb.org](http://www.adb.org)

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