



# Business Opportunities Fair

## Southeast Asia Energy Sector

12 March 2014

**Chong Chi Nai**  
**Director, Energy Division**  
**Southeast Asia Department (SERD)**

*The views expressed in this presentation are the views of the author/s and do not necessarily reflect the views or policies of the Asian Development Bank, or its Board of Governors, or the governments they represent. ADB does not guarantee the accuracy of the data included in this presentation and accepts no responsibility for any consequence of their use. The countries listed in this presentation do not imply any view on ADB's part as to sovereignty or independent status or necessarily conform to ADB's terminology.*

# Southeast Asia

- CAMBODIA
- INDONESIA
- LAO PDR
- MALAYSIA
- MYANMAR
- PHILIPPINES
- THAILAND
- VIET NAM



# Energy Sector

---

- Sovereign operations
- Non-sovereign operations
- Policy dialogue
- Technical assistance

# Country Strategy

---

- Cambodia – Network Expansion
- Indonesia – Renewable Energy, Inter-island and Regional Interconnection
- Lao PDR – GMS Regional Interconnection
- Malaysia – Non-Sovereign Operations, Regional Interconnection
- Philippines – Energy Efficiency
- Thailand – GMS Regional Interconnection, Policy Dialogue
- Viet Nam – Network Expansion, GMS Regional Interconnection



# 2013 Approved Projects

Type	DMC	Approval No.	Project	Financing		ADB Approval
				Source	Amount (in US\$ mil)	
Grant	CAM	0336	Rural Energy Project	Gov't of Australia	6.11	15 Jan 13
Loan	INO	3083 (OCR) 8276(AIF)	Java-Bali 500-Kilovolt Power Transmission Crossing	OCR AIF	224.0 25.0	3 Dec 2013
Loan	INO	3015 (OCR) 8272 (AFD) 0354 (CEF)	West Kalimantan Power Grid Strengthening Project	OCR AFD CEFPF	49.5 49.5 2.0	27 Aug 2013
Loan	MYA	3084	Power Distribution Improvement Project	ADF	60.0	6 Dec 2013

# 2014 Project Pipeline

Type	DMC	Project	Financing		ADB Approval
			Source	Amount (in US\$ mil)	
Loan	MAL	Trans Borneo Power Grid: Sarawak to West Kalimantan Transmission Link (Non-Sovereign Operation)	OCR	45.0	Q2
Loan	VIE	Hanoi and Ho Chi Minh City Power Transmission Improvement Project	OCR, AIF, CTF	180.0 (OCR) 100.0 (AIF) 60.4 (CTF)	Q3
Loan	MYA	Power Transmission and Distribution Improvement Project	ADF	80.0	Q4 (Standby)

# 2015 Project Pipeline

Type	DMC	Project	Financing		ADB Approval
			Source	Amount (in US\$ mil)	
Loan	INO	Warsamson Hydroelectric Power Plant	OCR	160.0	Q3
Loan	INO	GEODIPA Geothermal Power Development Project	OCR	165.0	Q3
Loan	VIE	Power Transmission Investment Program (MFF/PFR 3)	OCR, KfW	250.0 (OCR) 100.0 (KfW)	Q3
Loan	INO	Sutami and Kesamban Hydroelectric Power Plants	OCR	200.0	Standby

# 2014 Technical Assistance Pipeline

Type	DMC	Project	Financing		Expected ADB Approval
			Source	Amount	
CDTA	CAM	Piloting Output-Based Aid for Scaling-Up the Power to the Poor Program in Cambodia	TBD	\$1,000,000	Q3
PPTA	INO	Preparing the Sumatra-Peninsula Malaysia Interconnection Project	TASF	\$750,000	Q3
PPTA	INO	Preparing the Sumatra Pump Storage Hydropower Project	TASF	\$1,500,000	Q3
PPTA	INO	Preparing the GEODIPA Geothermal Power Development Project (under SIAP)	ATAG	\$1,000,000	Q3
PPTA	INO	Scaling-Up Renewable Access in Eastern Indonesia (under SIAP)	ATAG	\$500,000	Q3
CDTA	MYA	Off-Grid Renewable Energy Demonstration Project	JFPR	\$2,000,000	Q2



# 2014 Procurement Plan

## Major ICB Packages

Loan/ Grant No.	Project Name	Package Amount (in \$ mil)	Description
2979-CAM	Medium-Voltage Sub-Transmission Expansion Project	31.5	EPC Contract for Package 1: Kampong Thom and Siem Reap (IFB in Q3)
0336-CAM	Rural Energy Project	7.13	EPC Contract for Rural Electrification of Svay Rieng (IFB in Q3)
L2964-PHI	Market Transformation Through Introduction of Energy Efficient Electric Vehicles	55.8	Goods Contract Package 2: E-Trike units (IFB in Q2)
L2848-VIE	Power Transmission Investment Program (Tranche 1)	24.0	Works Contract Package 3: Construction and Erection Works for 500 kV Pho Noi Substation (IFB in Q2)
L2959-VIE	Power Transmission Investment Program (Tranche 2)	49.0	Goods Contract Package 29: Steel Towers (IFB in Q2)

# Thank you

([cnchong@adb.org](mailto:cnchong@adb.org))