



# Country Operations Business Plan

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December 2006

India  
2007–2009

Asian Development Bank

## CURRENCY EQUIVALENTS

(as of 30 November 2006)

Currency Unit	–	Indian rupee/s (Re, Rs)
Re1.00	=	\$0.0223
\$1.00	=	Rs44.76

## ABBREVIATIONS

ADB	–	Asian Development Bank
CSP	–	country strategy and program
CSPU	–	country strategy and program update
INRM	–	India Resident Mission
MFF	–	multitranche financing facility
PPP	–	public-private partnership
SME	–	small- and medium-sized enterprise
TA	–	technical assistance

## NOTES

- (i) The fiscal year of the Government of India begins on 1 April and ends on 31 March.
- (ii) In this report, "\$" refers to US dollars.

<b>Vice President</b>	L. Jin, Operations Group1
<b>Director General</b>	K. Senga, South Asia Department (SARD)
<b>Country Director</b>	T. Kondo, India Resident Mission, SARD
<b>Team leader</b>	N. Rao, Principal Economist, India Resident Mission, SARD
<b>Team members</b>	Shamit Chakravarti, Programs Officer, India Resident Mission, SARD Bhisma Rout, Assistant Operations and Country Programs Analyst, India Resident Mission, SARD

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## **I. CONSISTENCY OF THE BUSINESS PLAN WITH THE CURRENT COUNTRY PARTNERSHIP STRATEGY**

1. The current Asian Development Bank (ADB) strategy for India is presented in the 2003–2006 country strategy and program (CSP),<sup>1</sup> and was updated in the two following CSP updates (CSPUs) to reflect the evolving priorities of the Government of India.<sup>2</sup> While the core focus of ADB's strategy remains to facilitate poverty reduction through infrastructure-led growth, since 2004–2005 ADB has initiated operations in agriculture, rural infrastructure development, rural finance, sustainable water use, and other areas in line with the Government's focus on inclusive growth and development of the rural economy.

2. During the 2006 programming discussions, the Government reaffirmed the need to expand ADB assistance to these new areas. Accordingly, in addition to core infrastructure operations in the transport, energy, and urban sectors, loans for strengthening commodity markets, agribusiness infrastructure, and irrigation and water management systems were included in the 2007–2009 program. Even within the infrastructure sector, the Government asked for ADB assistance in new areas such as strengthening urban and intermodal transport systems, and providing basic infrastructure facilities in cities with tourism potential.

3. The India Country Operations Business Plan (COBP) for 2007–2009 is therefore consistent with and builds on the broad strategy laid down in the CSP and the CSPUs (footnotes 1 and 2). Inclusion of agriculture, rural development, and sustainable water management projects, in addition to traditional infrastructure projects, will enable ADB's assistance program to better address the main constraints affecting the country's economy, and help create conditions for broad-based growth. This will be further reinforced by the selection of states where ADB operates. Till 2002, ADB operations were mainly in states such as Gujarat, Karnataka, and Kerala, and in some lagging states such as Madhya Pradesh, Rajasthan, and West Bengal. Since 2003, ADB has increasingly focused on the relatively poorer and weak capacity states to support the Government's efforts to reduce interstate disparities. The 2007–2009 program includes assistance for such states including Assam, Chhattisgarh, Jammu and Kashmir, Jharkhand, Madhya Pradesh, Rajasthan, Uttaranchal, and those in the North Eastern region.

4. The 2006–2008 CSPU emphasized the need to increase the focus on improving portfolio implementation. The Government has been working closely with ADB in holding regular, sector-focused, tripartite portfolio review meetings. These new format portfolio review meetings, initiated in September 2005, are beginning to show results. Disbursement is expected to cross \$900 million in 2006, which is significantly more than the previous high of \$658 million achieved in 2003. The 2007–2009 COBP maintains the focus on improving project implementation. ADB will continue to work with the Government and its clients to expedite project implementation, and to ensure that lessons from the tripartite portfolio review meetings are explicitly factored in to the design of future projects.

5. Detailed guidelines have been laid down to undertake upfront preparatory work to improve project readiness. This would help to ensure that the gap between loan approval and initiation of contract awards and disbursements is reduced. The umbrella grant facility (\$15 million) for project preparation, which was approved in June 2006, will support detailed design,

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<sup>1</sup> ADB. 2003. *Country Strategy and Program (2003–2006): India*. Manila.

<sup>2</sup> ADB. 2004. *Country Strategy and Program Update (2005–2007): India*. Manila; ADB. 2005. *Country Strategy and Program Update (2006–2008): India*. Manila.

capacity enhancement, and other project preparatory work for about 20 loans programmed for 2006–2008. Several initiatives were taken to build capacity and disseminate knowledge in 2006. In close coordination with the Government, ADB's India Resident Mission organized four workshops to facilitate public-private partnerships in infrastructure. Seminars on ADB's Innovation and Efficiency Initiative-based lending modalities,<sup>3</sup> plus capacity-building workshops for the North Eastern and other weak capacity states were also organized.

6. ADB's private sector lending operations will continue to support projects in the infrastructure and financial sectors to facilitate development of strong physical and economic infrastructure in the country.<sup>4</sup> The aim is to increase private sector operations. ADB will also selectively consider interventions for housing, small- and medium-sized enterprises, microfinance, investment funds, and private equity development. In consultation with the Government, ADB will expand its local currency lending initiative through innovative means to meet the growing demands of borrowers. This would enable borrowers to match the currency of borrowing with the currency of revenue. ADB will also discuss with the Government, the scope for retaining capital gains made in India for future rupee lending for eligible projects in the country.

## II. INDICATIVE LENDING AND NONLENDING PROGRAM

7. Estimated lending to India will be about \$2.2 billion in 2006, which is \$0.7 billion more than the previous peak lending level of \$1.5 billion achieved in 2001. The proposed program for 2007–2009 aims at gradually increasing the lending volume achieved in 2006—from \$2.45 billion in 2007 to \$2.65 billion in 2008, and to \$2.85 billion by 2009 (Table A1.1). The loans offering multitranche financing are treated on a full-facility basis while computing the annual lending levels.

8. As in past years, the focus will continue to be on the core infrastructure sectors. Transport, urban, and energy sector projects account for 34%, 22.6%, and 19.5% respectively of the 2007–2009 program. Loans for developing agriculture infrastructure, modernizing commodity markets, improving water and coastal resource management, and supporting public-private partnerships in tourism infrastructure account for around 24%.

9. The technical assistance (TA) program was prepared in accordance with the loan program (Table A1.2). The United Kingdom Trust Fund for Technical Assistance (poverty focused), which has helped ADB immensely since 2001 in mainstreaming poverty concerns into the design of its operations, is scheduled to close in December 2007. Alternative funding sources need to be explored urgently for the proposed TA program as the effective design and delivery of the 2007–2009 lending program depends critically on this. The TA program shown in Table A1.2 may therefore, be revised to fit the available grant resources.

## III. SUMMARY OF CHANGES TO LENDING AND NONLENDING PROGRAMS

10. The detailed list of changes in the lending and nonlending programs, as compared to the 2006–2008 CSPU, is given in Tables A4.1 and A4.2. These changes, mainly rescheduling of some loans and/or changes in the loan amounts, reflect the current investment priorities of the Government, and do not change the underlying thrust of ADB's India assistance strategy. ADB

<sup>3</sup> ADB. 2006. *Innovation and Efficiency Initiative: Pilot Financing Instruments and Modalities*. Manila.

<sup>4</sup> The infrastructure sector includes (i) energy (power, oil, and gas); (ii) transport (roads, ports, airports, and railways); (iii) telecommunications; (iv) water and wastewater; (v) urban services; (vi) special economic zones; and (vii) soft infrastructure such as education, health care, and information technology.

must continue to be flexible in responding to the evolving priorities of the Government. The Rural Finance (Cooperative Banks) Restructuring and Development Program is a good example of how ADB responded to the Government's request to support its \$3 billion program for revitalizing the cooperative credit system.

11. Similarly, two new loans (\$300 million each in 2008 and 2009) are included to support the India Infrastructure Finance Company Limited, which was incorporated as a special purpose vehicle on 5 January 2006. These loans will help the Company provide much needed long-term debt to finance infrastructure projects, as well as viability gap funding. Processing of the Madhya Pradesh Power Development II Project, originally scheduled for 2008 as per the 2006–2008 CSPU, was initiated in 2006 in response to the state government's request. This loan is expected to be negotiated in early 2007.

12. The increased flexibility offered by the Innovation and Efficiency Initiative modalities is also allowing ADB to tailor its lending products to better suit India's needs. For example, the original \$300 million loan for the Uttaranchal State Roads Project was scaled up to a \$550 million multitranche financing facility loan. The size of the loan for the proposed Power Grid Corporation Transmission Project II has also been increased from \$400 million to a \$550 million multitranche financing facility loan. The scope for offering local currency loans and nonsovereign assistance to eligible clients is also being considered actively. In this regard, the ADB Treasurer has held discussions with the Government. ADB has requested permission to mobilize about Rs37.5 billion to fund the local currency components of some forthcoming loans.

13. Project loans such as Strengthening Commodity Markets (2008), Agriculture Infrastructure Support (2008), Orissa Integrated Irrigated Agriculture and Watershed Management (2008), the North Eastern States Flood and Riverbank Erosion Management (2008), and Integrated Coastal Zone Management and Sustainable Coastal Protection (2009) are included in the program to support the Government's agriculture and rural development initiatives.

14. These changes illustrate ADB's response to the Government's evolving priorities. This is critical for maintaining the relevance of ADB's lending and nonlending assistance program in a dynamic, developing member country such as India. Continued focus on project preparation and project implementation will help to maintain improved portfolio performance, and further strengthen the results-orientation of ADB operations in India in the coming years.

#### **IV. INDICATIVE INTERNAL RESOURCE REQUIREMENTS**

15. About 60.5 staff years will be required to effectively deliver the 2007–2009 loan and TA program.

#### **V. RESULTS-BASED MONITORING**

16. Even though the 2003–2006 CSP was not prepared within a results-based framework, the 2007 country partnership strategy will monitor performance using a results-based approach as part of the South Asia Department's newly established results monitoring system. The results-based country partnership strategy will build on the experience gained in terms of project design and implementation from the previous strategy.

**INDICATIVE ASSISTANCE PIPELINE**  
**Table A1.1: Indicative Assistance Pipeline for Lending Products, 2007–2009**

Sector Project/ Program Name	Targeting Classifi- cation	Thematic Priority	Division	Year of Project Preparatory Assistance	Total	Cost (\$ million)				
						ADB			Gov't.	Co- financing
						OCR	ADF	Total		
<b>2007 Loans</b>										
<b>A. Energy<sup>1</sup></b>										
1. Madhya Pradesh Power Sector Investment Project (MFF)	TI	GOV	SAEN	2006	tbd	300.0	0.0	300.0	tbd	tbd
2. Power Grid Corporation Transmission Project II (MFF)	GI	ECG, PSD	SAEN	2007	tbd	550.0	0.0	550.0	tbd	tbd
<b>Subtotal (A)</b>					<b>tbd</b>	<b>850.0</b>	<b>0.0</b>	<b>850.0</b>	<b>tbd</b>	<b>tbd</b>
<b>B. Multisector</b>										
1. Jammu and Kashmir Urban Sector Development Project (MFF)	GI	ECG, ISD	INRM	2004	tbd	300.0	0.0	300.0	tbd	tbd
2. North Eastern Region Capital Cities Development Investment Program (formerly North Eastern Region Urban Development (Phase I)) (MFF)	GI	ECG, ISD, ENV	SAUD	2005	tbd	200.0	0.0	200.0	tbd	tbd
3. Rajasthan Urban Infrastructure Development Project Phase II (MFF)	TI	ECG, ISD, ENV, GOV, CD	SAUD	2006	tbd	200.0	0.0	200.0	tbd	tbd
<b>Subtotal (B)</b>					<b>tbd</b>	<b>700.0</b>	<b>0.0</b>	<b>700.0</b>	<b>tbd</b>	<b>tbd</b>
<b>C. Transport and Communications</b>										
1. Madhya Pradesh State Roads Project II	GI	ECG, GOV, CD	SATC	2006	tbd	200.0	0.0	200.0	tbd	tbd
2. North Eastern State Roads Project (MFF)	GI	ECG, PSD	SATC	2005	tbd	300.0	0.0	300.0	tbd	tbd
3. National Highway Public-Private Partnership (Sector) Project (MFF)	GI	ECG, PSD, GOV	INRM	2004	tbd	400.0	0.0	400.0	tbd	tbd
<b>Subtotal (C)</b>					<b>tbd</b>	<b>900.0</b>	<b>0.0</b>	<b>900.0</b>	<b>tbd</b>	<b>tbd</b>
<b>Total (2007)</b>					<b>tbd</b>	<b>2,450.0</b>	<b>0.0</b>	<b>2,450.0</b>	<b>tbd</b>	<b>tbd</b>
<b>2007 Other Loans<sup>2</sup></b>					tbd		0.0	0.0	tbd	tbd
<b>A. Agriculture and Natural Resources</b>										

**Table A1.1: Indicative Assistance Pipeline for Lending Products, 2007–2009**

Sector Project/ Program Name	Targeting Classifi- cation	Thematic Priority	Division	Year of Project Preparatory Assistance	Total	Cost (\$ million)				
						ADB			Gov't.	Co- financing
						OCR	ADF	Total		
1. Orissa Integrated Irrigated Agriculture and Water Management Project (MFF)	TI	ECG, GOV, CD	SANS	2006	tbd	250.0	0.0	250.0	tbd	tbd
<b>Subtotal (A)</b>					<b>tbd</b>	<b>250.0</b>	<b>0.0</b>	<b>250.0</b>	<b>tbd</b>	<b>tbd</b>
<b>B. Finance</b>										
1. India Infrastructure Project Financing Facility (MFF)	TI	ECG, GOV, PSD, CD	SAGF	2007	tbd	300.0	0.0	300.0	tbd	tbd
<b>Subtotal (B)</b>					<b>tbd</b>	<b>300.0</b>	<b>0.0</b>	<b>300.0</b>	<b>tbd</b>	<b>tbd</b>
<b>C. Law, Economic Management, and Public Policy</b>										
1. Strengthening Commodity Futures Market Infrastructure Project	GI	ECG, PSD	SAGF	2006	tbd	200.0	0.0	200.0	tbd	tbd
<b>Subtotal (C)</b>					<b>tbd</b>	<b>200.0</b>	<b>0.0</b>	<b>200.0</b>	<b>tbd</b>	<b>tbd</b>
<b>D. Multisector</b>										
1. Tourism Infrastructure Project (MFF)	GI	ECG, ISD, ENV, PSD	SAUD	2007	tbd	300.0	0.0	300.0	tbd	tbd
2. Uttaranchal Urban Development Project Facility (MFF)	GI	ECG, ENV, ISD	SAUD	2006	tbd	150.0	0.0	150.0	tbd	tbd
<b>Subtotal (D)</b>					<b>tbd</b>	<b>450.0</b>	<b>0.0</b>	<b>450.0</b>	<b>tbd</b>	<b>tbd</b>
<b>Total (2007 Other)</b>					<b>tbd</b>	<b>1,200.0</b>	<b>0.0</b>	<b>1,200.0</b>	<b>tbd</b>	<b>tbd</b>
<b>2008 Loans</b>										
<b>A. Agriculture and Natural Resources</b>										
1. Agriculture Infrastructure Support Project	GI	ECG, PSD	SANS	2007	tbd	250.0	0.0	250.0	tbd	tbd
2. North Eastern States Flood and Riverbank Erosion Management Project (MFF)	GI	ECG, ENV, CD	SANS	2006	tbd	200.0	0.0	200.0	tbd	tbd
3. Orissa Integrated Irrigated Agriculture and Water Management Project (MFF)	TI	ECG, GOV, CD	SANS	2006	tbd	250.0	0.0	250.0	tbd	tbd
<b>Subtotal (A)</b>					<b>tbd</b>	<b>700.0</b>	<b>0.0</b>	<b>700.0</b>	<b>tbd</b>	<b>tbd</b>
<b>B. Energy</b>										
1. Gujarat Power Development Project (MFF)			SAEN		tbd	300.0	0.0	300.0	tbd	tbd

**Table A1.1: Indicative Assistance Pipeline for Lending Products, 2007–2009**

Sector Project/ Program Name	Targeting Classifi- cation	Thematic Priority	Division	Year of Project Preparatory Assistance	Total	Cost (\$ million)				
						ADB			Gov't.	Co- financing
						OCR	ADF	Total		
<b>Subtotal (B)</b>					<b>tbd</b>	<b>300.0</b>	<b>0.0</b>	<b>300.0</b>	<b>tbd</b>	<b>tbd</b>
<b>C. Finance</b>										
1. India Infrastructure Project Financing Facility (MFF)	TI	ECG, GOV, PSD, CD	SAGF	2007	tbd	300.0	0.0	300.0	tbd	tbd
<b>Subtotal (C)</b>					<b>tbd</b>	<b>300.0</b>	<b>0.0</b>	<b>300.0</b>	<b>tbd</b>	<b>tbd</b>
<b>D. Law, Economic Management, and Public Policy</b>										
1. Strengthening Commodity Futures Market Infrastructure Project	GI	ECG, PSD	SAGF	2006	tbd	200.0	0.0	200.0	tbd	tbd
<b>Subtotal (D)</b>					<b>tbd</b>	<b>200.0</b>	<b>0.0</b>	<b>200.0</b>	<b>tbd</b>	<b>tbd</b>
<b>E. Transport and Communications</b>										
1. Chhattisgarh State Roads Project II	GI	ECG, CD	SATC		tbd	200.0	0.0	200.0	tbd	tbd
2. Jharkhand State Roads Project	GI	ECG, CD	SATC	2007	tbd	200.0	0.0	200.0	tbd	tbd
<b>Subtotal (E)</b>					<b>tbd</b>	<b>400.0</b>	<b>0.0</b>	<b>400.0</b>	<b>tbd</b>	<b>tbd</b>
<b>F. Multisector</b>										
1. Support for the National Urban Renewal Mission (MFF)	TI	ECG, GOV, ENV, PSD	SAUD	2007	tbd	300.0	0.0	300.0	tbd	tbd
2. Tourism Infrastructure Project (MFF)	GI	ECG, ISD, ENV, PAD	SAUD	2007	tbd	300.0	0.0	300.0	tbd	tbd
3. Uttaranchal Urban Development Project Facility (MFF)	GI	ECG, ENV, ISD	SAUD	2006	tbd	150.0	0.0	150.0	tbd	tbd
<b>Subtotal (F)</b>					<b>tbd</b>	<b>750.0</b>	<b>0.0</b>	<b>750.0</b>	<b>tbd</b>	<b>tbd</b>
<b>Total (2008)</b>					<b>tbd</b>	<b>2,650.0</b>	<b>0.0</b>	<b>2,650.0</b>	<b>tbd</b>	<b>tbd</b>
<b>2008 Other Loans</b>										
<b>A. Energy</b>										
1. Himachal Hydropower Development Project (MFF)	GI	ECG, GOV, PSD	SAEN	2007	tbd	400.0	0.0	400.0	tbd	tbd

**Table A1.1: Indicative Assistance Pipeline for Lending Products, 2007–2009**

Sector Project/ Program Name	Targeting Classifi- cation	Thematic Priority	Division	Year of Project Preparatory Assistance	Total	Cost (\$ million)				
						ADB			Gov't.	Co- financing
						OCR	ADF	Total		
<b>Subtotal (A)</b>					<b>tbd</b>	<b>400.0</b>	<b>0.0</b>	<b>400.0</b>	<b>tbd</b>	<b>tbd</b>
<b>B. Law, Economic Management, and Public Policy</b>										
1. Assam Governance and Public Resource Management (Subprogram II)	GI	ECG, GOV, PSD	SAGF	2008	tbd	100.0	0.0	100.0	tbd	tbd
2. North Eastern States Trade and Investments Creation Initiative	GI	ECG, GOV, PSD	SAGF	2004	tbd	100.0	0.0	100.0	tbd	tbd
<b>Subtotal (B)</b>					<b>tbd</b>	<b>200.0</b>	<b>0.0</b>	<b>200.0</b>	<b>tbd</b>	<b>tbd</b>
<b>C. Multisector</b>										
1. Uttaranchal Tourism Development Project (MFF)	GI	ECG, PSD	SAUD	2007	tbd	150.0	0.0	150.0	tbd	tbd
<b>Subtotal (C)</b>					<b>tbd</b>	<b>150.0</b>	<b>0.0</b>	<b>150.0</b>	<b>tbd</b>	<b>tbd</b>
<b>Total (2008 Other)</b>					<b>tbd</b>	<b>750.0</b>	<b>0.0</b>	<b>750.0</b>	<b>tbd</b>	<b>tbd</b>
<b>2009 Loans</b>										
<b>A. Agriculture and Natural Resources</b>										
1. Integrated Coastal Zone Management and Sustainable Coastal Protection Project	GI	ECG, ENV, ISD, CD	SANS	2007	tbd	200.0	0.0	200.0	tbd	tbd
<b>Subtotal (A)</b>					<b>tbd</b>	<b>200.0</b>	<b>0.0</b>	<b>200.0</b>	<b>tbd</b>	<b>tbd</b>
<b>B. Energy</b>										
1. Himachal Hydropower Development Project (MFF)	GI	ECG, GOV, PSD	SAEN	2007	tbd	400.0	0.0	400.0	tbd	tbd
<b>Subtotal (B)</b>					<b>tbd</b>	<b>400.0</b>	<b>0.0</b>	<b>400.0</b>	<b>tbd</b>	<b>tbd</b>
<b>C. Finance</b>										
1. India Infrastructure Project Financing Facility II (MFF)	TI	ECG, GOV, PSD, CD	SAGF	2008	tbd	300.0	0.0	300.0	tbd	tbd
<b>Subtotal (C)</b>					<b>tbd</b>	<b>300.0</b>	<b>0.0</b>	<b>300.0</b>	<b>tbd</b>	<b>tbd</b>
<b>D. Law, Economic Management, and Public Policy</b>										

**Table A1.1: Indicative Assistance Pipeline for Lending Products, 2007–2009**

Sector Project/ Program Name	Targeting Classifi- cation	Thematic Priority	Division	Year of Project Preparatory Assistance	Total	Cost (\$ million)				
						ADB			Gov't.	Co- financing
						OCR	ADF	Total		
1. Assam Governance and Public Resource Management (Subprogram II)	GI	ECG, GOV, PSD	SAGF	2006	tbd	100.0	0.0	100.0	tbd	tbd
2. North Eastern States Trade and Investments Creation Initiative	GI	ECG, GOV, PSD	SAGF	2004	tbd	100.0	0.0	100.0	tbd	tbd
<b>Subtotal (D)</b>					<b>tbd</b>	<b>200.0</b>	<b>0.0</b>	<b>200.0</b>	<b>tbd</b>	<b>tbd</b>
<b>E. Multisector</b>										
1. North Eastern Region Urban Development (Phase II) (MFF)	GI	ECG, ISD, ENV	SAUD	2007	tbd	200.0	0.0	200.0	tbd	tbd
2. Uttaranchal Tourism Development Project (MFF)	GI	ECG, PSD	SAUD	2007	tbd	150.0	0.0	150.0	tbd	tbd
<b>Subtotal (E)</b>					<b>tbd</b>	<b>350.0</b>	<b>0.0</b>	<b>350.0</b>	<b>tbd</b>	<b>tbd</b>
<b>F. Transport and Communications</b>										
1. Jammu and Kashmir State Roads Project	GI	ECG, CD	SATC	2007	tbd	300.0	0.0	300.0	tbd	tbd
2. National Highway Public-Private Partnership Project II (MFF)	GI	ECG, PSD, GOV	INRM, SATC	2007	tbd	400.0	0.0	400.0	tbd	tbd
3. Railway Sector Improvement Project II	GI	ECG	SATC	2007	tbd	350.0	0.0	350.0	tbd	tbd
4. Urban Transport	GI	ECG	SATC	2007	tbd	350.0	0.0	350.0	tbd	tbd
<b>Subtotal (F)</b>					<b>tbd</b>	<b>1,400.0</b>	<b>0.0</b>	<b>1,400.0</b>	<b>tbd</b>	<b>tbd</b>
<b>Total (2009)</b>					<b>tbd</b>	<b>2,850.0</b>	<b>0.0</b>	<b>2,850.0</b>	<b>tbd</b>	<b>tbd</b>
<b>2009 other Loans</b>										
<b>A. Agriculture and Natural Resources</b>										
1. Tank Irrigation Support Program			SANS	2007	tbd	200.0	0.0	200.0	tbd	tbd
<b>Subtotal (A)</b>					<b>tbd</b>	<b>200.0</b>	<b>0.0</b>	<b>200.0</b>	<b>tbd</b>	<b>tbd</b>
<b>B. Energy</b>										
1. North Eastern Region Power Development Project	GI	ECG, ENV	SAEN	2008	tbd	250.0	0.0	250.0	tbd	tbd
2. Uttaranchal Power Project II	GI	ECG, ENV	SAEN	2008	tbd	400.0	0.0	400.0	tbd	tbd
<b>Subtotal (B)</b>					<b>tbd</b>	<b>650.0</b>	<b>0.0</b>	<b>650.0</b>	<b>tbd</b>	<b>tbd</b>
<b>C. Finance</b>										
1. West Bengal Development Finance Program	GI	ECG, GOV	SAGF	2004	tbd	200.0	0.0	200.0	tbd	tbd
<b>Subtotal (C)</b>					<b>tbd</b>	<b>200.0</b>	<b>0.0</b>	<b>200.0</b>	<b>tbd</b>	<b>tbd</b>

**Table A1.1: Indicative Assistance Pipeline for Lending Products, 2007–2009**

Sector Project/ Program Name	Targeting Classifi- cation	Thematic Priority	Division	Year of Project Preparatory Assistance	Total	Cost (\$ million)				
						ADB			Gov't.	Co- financing
						OCR	ADF	Total		
<b>D. Law, Economic Management, and Public Policy</b>										
1. Access to Justice II	GI	GOV, PSD	SAGF		tbd	100.0	0.0	100.0	tbd	tbd
<b>Subtotal (D)</b>					<b>tbd</b>	<b>100.0</b>	<b>0.0</b>	<b>100.0</b>	<b>tbd</b>	<b>tbd</b>
<b>E. Transport and Communications</b>										
1. Intermodal Transport Project	GI	ECG, CD	SATC	2007	tbd	250.0	0.0	250.0	tbd	tbd
2. Rural Roads Project III	GI	ECG, CD	SATC		tbd	750.0	0.0	750.0	tbd	tbd
<b>Subtotal (E)</b>					<b>tbd</b>	<b>1,000.0</b>	<b>0.0</b>	<b>1,000.0</b>	<b>tbd</b>	<b>tbd</b>
<b>Total (2009 Other)</b>					<b>tbd</b>	<b>2,150.0</b>	<b>0.0</b>	<b>2,150.0</b>	<b>tbd</b>	<b>tbd</b>

ADB = Asian Development Bank; ADF = Asian Development Fund; CD = capacity development; ECG = sustainable economic growth; ENV = environmental sustainability; Gov't = government; GI = general intervention; GOV = governance; INRM = India Resident Mission; ISD = inclusive social development; MFF = multitranches financing facility; OCR = ordinary capital resources; PSD = private sector development; SAEN = South Asian Energy Division; SAGF = South Asia Governance, Finance, and Trade Division; SANS = South Asia Agriculture, Natural Resources, and Social Services Division; SATC = South Asia Transport and Communication Division; SAUD = South Asia Urban Development Division; tbd = to be determined; TI = targeted intervention.

<sup>1</sup> The National Hydropower Corporation of India has requested assistance for the Kotli Bhel Stage II project. Discussions are ongoing between the Government of India and ADB on whether this loan can be included in 2007 while keeping the overall lending level at \$2.45 billion. This would involve rescheduling a 2007 loan.

<sup>2</sup> "Other" project: (i) where there is a risk that the loan may not be ready for negotiation in the programmed year or (ii) if the project is in a relatively new sector for ADB.

Source: Asian Development Bank estimates.

Table A1.2: Indicative Assistance Pipeline for Nonlending Products and Services, 2007–2009

Sector Assistance Name	Responsible Division	Assistance Type	Sources of Funding				Total Amount (\$'000)
			ADB		Others		
			Source	Amount (\$'000)	Source	Amount (\$'000)	
<b>2007</b>							
<b>A. Agriculture and Natural Resources</b>							
1. Integrated Coastal Zone Management and Sustainable Coastal Protection	SANS	PPTA		0.0	tbd	1,000.0	1,000.0
2. Tank Irrigation Support Program	SANS	PPTA		0.0	tbd	800.0	800.0
<b>Subtotal (A)</b>				<b>0.0</b>		<b>1,800.0</b>	<b>1,800.0</b>
<b>B. Energy</b>							
1. Gujarat Power Development Project	SAEN	PPTA		0.0	tbd	500.0	500.0
2. Himachal Power Development Project	SAEN	PPTA	JSF	600.0		0.0	600.0
<b>Subtotal (B)</b>				<b>600.0</b>		<b>500.0</b>	<b>1,100.0</b>
<b>C. Finance</b>							
1. India Infrastructure Project Financing Facility	SAGF	PPTA	TASF	500.0		0.0	500.0
<b>Subtotal (C)</b>				<b>500.0</b>		<b>0.0</b>	<b>500.0</b>
<b>D. Law, Economic Management, and Public Policy</b>							
1. Access to Justice II	SAGF	PPTA		0.0	tbd	500.0	500.0
2. Nonrecourse Transactions	SAGF	PPTA	TASF	500.0		0.0	500.0
3. Strengthening Revenue Administration at the State Level	SAGF	ADTA		0.0	tbd	700.0	700.0
<b>Subtotal (D)</b>				<b>500.0</b>		<b>1,200.0</b>	<b>1,700.0</b>
<b>E. Multisector</b>							
1. India Urban Infrastructure Financing: An Assessment of Demand for Urban Infrastructure Financing vis-à-vis ADB Products	SAUD	ADTA	TASF	500.0		0.0	500.0
2. North Eastern Region Project Management Support Phase 2	SAUD	PPTA		0.0	tbd	1,000.0	1,000.0
3. National Tourism Circuit Development Project	SAUD	PPTA		0.0	tbd	1,500.0	1,500.0
4. State-Level Urban Development Project (Meeting the Funding Gap of Jawaharlal Nehru National Urban Renewal Mission)	SAUD	PPTA		0.0	tbd	1,500.0	1,500.0
5. State Tourism Development Project	SAUD	PPTA	JSF	1,000.0		0.0	1,000.0
6. Urban Water Supply and Sanitation Public-Private Partnership Project	SAUD	PPTA		0.0	tbd	1,000.0	1,000.0
<b>Subtotal (E)</b>				<b>1,500.0</b>		<b>5,000.0</b>	<b>6,500.0</b>

Sector Assistance Name	Responsible Division	Assistance Type	Sources of Funding				Total Amount (\$'000)
			ADB		Others		
			Source	Amount (\$'000)	Source	Amount (\$'000)	
<b>F. Transport and Communications</b>							
1. Intermodal Transport Sector Development Project	SATC	ADTA	JSF	800.0		0.0	800.0
2. Jammu and Kashmir State Roads Project	SATC	PPTA			tbd	1,000.0	1,000.0
3. Madhya Pradesh State Roads Capacity Building (piggy-backed)	SATC	ADTA	JSF	1,000.0		0.0	1,000.0
4. National Highway Public-Private Partnership II	SATC	PPTA		0.0	tbd	1,000.0	1,000.0
5. Railway Sector II Project	SATC	PPTA		0.0	tbd	1,000.0	1,000.0
6. Urban Transport Project	SATC	PPTA	JSF	1,500.0		0.0	1,500.0
<b>Subtotal (F)</b>				<b>3,300.0</b>		<b>3,000.0</b>	<b>6,300.0</b>
			<b>Total (2007)</b>	<b>6,400.0</b>		<b>11,500.0</b>	<b>17,900.0</b>
<b>2008</b>							
<b>A. Energy</b>							
1. North Eastern Power Development Project	SAEN	PPTA	TASF	1,000.0		0.0	1,000.0
2. Uttaranchal Power Project II	SAEN	PPTA	JSF	600.0		0.0	600.0
<b>Subtotal (A)</b>				<b>1,600.0</b>		<b>0.0</b>	<b>1,600.0</b>
<b>B. Finance</b>							
1. India Infrastructure Project Financing Facility II	SAGF	PPTA	TASF	500.0		0.0	500.0
<b>Subtotal (B)</b>				<b>500.0</b>		<b>0.0</b>	<b>500.0</b>
<b>C. Multisector</b>							
1. Capacity Building for Project Management and Tourism Development	SAUD	ADTA	TASF	1,500.0		0.0	1,500.0
2. Capacity Building for Project Management and Urban Water Supply and Sanitation	SAUD	ADTA	TASF	1,500.0		0.0	1,500.0
3. Megacity Infrastructure and Services Development Public-Private Partnership	SAUD	PPTA	TASF	1,000.0		0.0	1,000.0
<b>Subtotal (C)</b>				<b>4,000.0</b>		<b>0.0</b>	<b>4,000.0</b>
<b>D. Transport and Communications</b>							
1. Capacity Building of Chhattisgarh State Roads (piggy-backed)	SATC	ADTA	JSF	1,000.0		0.0	1,000.0
2. Intermodal Transport Sector Development Project	SATC	PPTA	TASF	800.0		0.0	800.0
<b>Subtotal (D)</b>				<b>1,800.0</b>		<b>0.0</b>	<b>1,800.0</b>
			<b>Total (2008)</b>	<b>7,900.0</b>		<b>0.0</b>	<b>7,900.0</b>

Sector Assistance Name	Responsible Division	Assistance Type	Sources of Funding				Total Amount (\$'000)
			ADB		Others		
			Source	Amount (\$'000)	Source	Amount (\$'000)	
<b>2009</b>							
<b>A. Agriculture and Natural Resources</b>							
1. Chhattisgarh Irrigation Project II	SANS	PPTA	TASF	700.0		0.0	700.0
<b>Subtotal (A)</b>				<b>700.0</b>		<b>0.0</b>	<b>700.0</b>
<b>B. Multisector</b>							
1. Assessment of Implementation Performance of Urban Development MFF Projects	SAUD	ADTA	TASF	500.0		0.0	500.0
2. Capacity Building for Megacity Governance and Service Delivery	SAUD	ADTA	TASF	1,500.0		0.0	1,500.0
3. India Urban Sector Assessment: The Way Forward	SAUD	ADTA	TASF	500.0		0.0	500.0
<b>Subtotal (B)</b>				<b>2,500.0</b>		<b>0.0</b>	<b>2,500.0</b>
<b>C. Transport and Communications</b>							
1. Capacity Building of Jammu and Kashmir State Roads (piggy-backed)	SATC	ADTA	JSF	1,000.0		0.0	1,000.0
2. Capacity Building of Jharkhand State Roads (piggy-backed)	SATC	ADTA	JSF	1,000.0		0.0	1,000.0
<b>Subtotal (C)</b>				<b>2,000.0</b>		<b>0.0</b>	<b>2,000.0</b>
				<b>Total (2009)</b>		<b>0.0</b>	<b>5,200.0</b>

ADB = Asian Development Bank; ADTA = advisory and operational technical assistance; INRM: India Resident Mission; JSF = Japan Special Fund; PPTA = project preparatory technical assistance; SAEN = South Asian Energy Division; SAGF = South Asia Governance, Finance, and Trade Division; SANS = South Asia Agriculture, Natural Resources, and Social Services Division; SATC = South Asia Transport and Communication Division; SAUD = South Asia Urban Development Division; TASF = Technical Assistance Special Fund; tbd = to be determined.

Source: Asian Development Bank estimates.

**PRELIMINARY SUMMARY INFORMATION  
ON PROPOSED INDICATIVE LENDING AND NONLENDING PRODUCTS AND SERVICES  
FOR THE FIRST YEAR OF THE BUSINESS PLAN**

**Table A2.1: Summary Information on Proposed Indicative Lending Products and Services  
for 2007**

Project Name	Description
Jammu and Kashmir Urban Sector Development Project (MFF)	<p><b>Goal</b> The Project will improve access to water supply and sanitation, and improve the living environment of all residents in two principal cities of Srinagar and Jammu and the participating district towns with tourist potential.</p> <p><b>Major Components</b> The investment component will help improve water supply, sewerage, and municipal solid waste management facilities. The capacity-building and policy reform component will undertake municipal governance reform to strengthen administrative, managerial, and financial capacity and performance of the two urban local bodies.</p> <p><b>Expected Outputs</b> The project preparatory technical assistance will prepare a prioritized urban infrastructure development project for the two cities supported by a program of institutional development and capacity building. The design will be based on the experience of the precursor multisector project in Jammu and Kashmir and on lessons from earlier projects in the urban sector in India. Particular attention will be paid to integrating capacity building and reforms with infrastructure investments. The Project will also explore opportunities for ADB to leverage private sector investments in urban infrastructure.</p>
Madhya Pradesh Power Sector Investment Project (MFF)	<p><b>Goal</b> Power is an essential commodity for economic production and growth and in turn the economic and social development of India. This project seeks to (i) rehabilitate, augment, and expand parts of the transmission system to meet the current and soon to be commissioned generation capacities, and enable regulatory compliance; (ii) expand, augment, and reinforce the distribution systems to cope with increased system demand, significantly improve technical losses and system reliability, and enable regulatory compliance; (iii) support the establishment of effective intra- and interstate power trading; and (iv) encourage continued operation and maintenance in accordance with best international practices.</p> <p><b>Major Components</b> Transmission line and substation capacity will be enhanced to evacuate power from new generating stations, 400-kilovolt (kV) national (Powergrid) substations and 220 kV and 132 kV state substations. These works are driven primarily from national grid expansion planned under the Central Electricity Authority's Draft National Electricity Plan—Transmission and by intrastate demand growth. Works include 400 kV, 220 kV, and 132 kV overhead lines, 220, 132 kV substations, and 132, 33 kV substations. The outputs of the distribution components will comprise (i) rollout of a high-voltage distribution system, (ii) remote metering of high-value customers, (iii) metering of currently unmetered consumers, (iv) metering of distribution transformers, (v) renovation of substation protection and modernization of substations, (vi) substation SCADA, and (vii) expansion of the village lighting scheme.</p> <p><b>Expected Outputs</b> Targeted investments will alleviate constraints through system rehabilitation, reinforcement, and network reconfiguration. Consequently, quality of supply will improve and electricity consumers will directly benefit, underpinning the expected economic value of the reforms.</p>

Project Name	Description
Madhya Pradesh State Roads Project II	<p><b>Goal</b> As a part of overall support to the Madhya Pradesh government for roads, the project will help (i) rehabilitate state roads (state highways and major district roads), and (ii) strengthen road subsector reforms and capacity building.</p> <p><b>Major Components</b> The project will comprise an investment component for rehabilitating state roads and undertake institutional strengthening and capacity building in the road subsector.</p> <p><b>Expected Outputs</b> (i) Rehabilitated and improved state highways at maintainable conditions and major district roads for each district; and (ii) implementation of road subsector reforms to strengthen the capacity of Madhya Pradesh Road Development Corporation Limited (MPRDC) and Public Works Department (PWD).</p>
National Highway Public-Private Partnership (Sector) Project (MFF)	<p><b>Goal</b> The project will support the National Highway Development Project III, which was designed to upgrade the existing national highway of 10,417 kilometers (km) to four lanes, consisting of 7,210 km of high-density corridors; 1,735 km of state capital connectivity highways; and 1,472 km of highways connected to economic, commercial, and tourist centers of the country.</p> <p><b>Major Components</b> The project will include (i) a capacity enhancement component designed to provide program management support to National Highways Authority of India (NHAI) and to conduct road shows to be organized in major capitals in Asia, Europe, and United States to promote investments by reputable foreign contractors and financiers; and (ii) a public-private partnership support component designed to finance grants to be paid by NHAI through the public-private partnership support fund.</p> <p><b>Expected Outputs</b> 1,000–1,500 km of four-lane, high-density corridor roads and state connectivity roads</p>
North Eastern Region Capital Cities Development Investment Program (formerly North Eastern Region Urban Development (Phase I)) (MFF)	<p><b>Goal</b> The investment program is expected to improve the quality of urban living conditions and enhance urban productivity by (i) increasing access to urban infrastructure and services for the city population, including the poor; and (ii) supporting urban institutional, management, service delivery, and financial reforms to create an environment and capacities for sustainable provision of urban infrastructure and services. The program will support the Government's goal of bringing the North Eastern Region at par with developed regions of India. It will link capital investments to reforms to ensure sustainable impact. It will target cities that will spearhead the repositioning of the region as a gateway linking India to neighboring states as well as bridging the whole of South Asia to Southeast and East Asia. The cities to be covered are Agartala (Tripura), Aizawl (Mizoram), Gangtok (Sikkim), Kohima (Nagaland), and Shillong (Megalaya).</p> <p><b>Major Components</b> The outputs include (i) part A: urban infrastructure and service improvements including the rehabilitation, improvement, and expansion of water supply, sewerage and sanitation, solid waste management, urban transportation and roads, drainage and landslip protection, and slum upgrading; and (ii) part B: investment program management and implementation support, and comprehensive capacity building to support the attainment of the urban institutional and financial reform agenda and enhance capacities of service providers.</p> <p><b>Expected Outputs</b> The expected results are (i) increased access to quality infrastructure and services by a population of 1.64 million living in these cities by 2017; and (ii)</p>

Project Name	Description
North Eastern State Roads Project (MFF)	<p>sustainable, equitable, and accountable service delivery through reforms and capacity building for enhanced urban governance, finance, and service delivery.</p> <p><b>Goal</b> The North Eastern states have long suffered from poverty and impaired economic development, partly due to the chronic shortage of road capacity and weak capacity in effective sector management. This has been an increasingly serious constraint impeding economic growth of the states. The goal of this investment program is to alleviate this problem and contribute to economic growth and poverty reduction in the North Eastern Region.</p> <p><b>Major Components</b> The project will have two components: an investment component and an institutional development and capacity building component. The investment program will be complementary to the recently announced SARDP-NE, a centrally sponsored road investment program to improve road connectivity to state capitals and district headquarters in the North Eastern Region. While the SARDP-NE focuses on improving higher class roads including national highways and other roads with strategic importance, the investment program is developed to improve intrastate connectivity, mainly to district headquarters and other places of administrative and economic importance in the individual states, and to address the perennial issue of inefficient road asset management.</p> <p><b>Expected Outputs</b> <b>Outputs include</b> (i) about 1,300 km of priority road sections improved in the eight North Eastern states, and (ii) capacity-building support to the state governments for implementing the road improvement as well as developing capability in road management, road safety, and environmental and social assessment.</p>
Power Grid Corporation Transmission Project II (MFF)	<p><b>Goal</b> The project is to promote sustained social and economic prosperity and growth in India by providing adequate and reliable power supply. The outcome of the project is enhanced transmission network reliability and efficiency, which will be achieved by expanding and augmenting the national transmission grid. This, in turn, will lead to improved quality of supply in the major demand centers of the northern and western regions. The project, which is a high priority of the Government, is part of the least cost development plan for the power sector, and supports the Government's goal of Power for All by 2012.</p> <p><b>Major Components</b> Subproject I: Upgrading the Transmission Corridor from Uttaranchal: component 1, substations: establish 765, 400 kV, 10x500 megavolt ampere (MVA) transmission capacity each at Tehri Pooling Station and Meerut within the existing site; and modify series capacitors for operation at 765 kV; and (ii) component 2, transmission lines: construct 14 km of 400 kV single-circuit transmission line from Tehri hydropower plants; and construct 103 km of line-in-line-out of Bareilly–Mandaula 400 kV double-circuit transmission line at Meerut (54 km of loop-in and 49 km of loop-out).</p> <p>Subproject II: ±800 kV high-voltage direct current northeastern–northwestern interconnector.</p> <p><b>Expected Outputs</b> Subproject I is to provide adequate transmission facility for evacuation and reliable transfer of power generated from Tehri Valley in the state of Uttaranchal to constituents of the Northern Region, by constructing 14 km of 400 kV single-circuit transmission line from Tehri hydropower plants, and modification of series capacitors for operation at 765 kV.</p> <p>Subproject II aims to deliver bulk power generated from hydropower stations in the North Eastern Region to the power deficit regions of the Northern Region and the Western Region through construction of about 1,800 km of ±800 kV high-voltage direct current transmission systems from Biswanath Chariyali to Agra</p>

Project Name	Description
	including 800 kV converting and inverting stations at both ends, and construction of 400 kV connecting transmission lines at Biswanath Chariyali for transfer of power from various power plants in the North Eastern Region.
Rajasthan Urban Infrastructure Development Project Phase II (MFF)	<p><b>Goal</b> The investment project will improve the living conditions and urban environment, and optimize social and economic development in urban Rajasthan. This will be achieved through investments in urban infrastructure: in water supply, urban environmental improvements, urban transport, and public health services. The project will include policy reforms to strengthen urban governance, management, and support for priority investments in urban infrastructure and services. The assistance will be based on a framework for state urban sector reforms and a demand-based mechanism, which will support reform-oriented urban local bodies seeking assistance for implementing urban infrastructure projects and institutional and governance reforms.</p> <p><b>Major Components</b> The infrastructure component will focus on rehabilitating and expanding water supply; improving urban environmental quality through better sanitation; improving urban transport; and community awareness and livelihood generation programs. Similarly, the capacity-building and policy component will support the urban local bodies in preparing comprehensive town development plans and modernizing municipal finance, management, and service delivery.</p> <p><b>Expected Outputs</b> The project will increase access of the urban population of Rajasthan to improved urban infrastructure and services, including water supply, sanitation, solid waste management, drainage, roads and urban transport, and other basic urban services and amenities; and enhance capacities of urban institutions especially urban local governments for planning, financing, and operating and maintaining urban infrastructure and services.</p>

**Table A2.2: Summary Information on Proposed Indicative Nonlending Products and Services for 2007**

Project Name	Description
Access to Justice II	<p><b>Goal</b> Increase overall trust and confidence in subordinate courts as measured by surveys and increased users' satisfaction.</p> <p><b>Major Components</b> Components include case management reforms, court administration reforms, and legal empowerment reforms.</p> <p><b>Expected Outputs</b> Establishment of and compliance with timeliness standards, decreased time required to access court documents; increased awareness of legal users, and quicker conclusion of criminal cases.</p>
Gujarat Power Development Project	<p><b>Goal</b> Gujarat is experiencing growth of electric power demand, which is critical to sustaining economic growth and development. The project will (i) continue sector reforms initiated with earlier ADB assistance; (ii) strengthen and expand transmission and distribution systems; and reduce system losses closer to international benchmarks; (iii) support systemwide energy efficiency opportunities with initial priority on consumption, demand-side management; (iv) promote investments in low-carbon energy development and capitalization of carbon trading opportunities; and (v) promote private investment in energy services.</p> <p><b>Major Components</b> Transmission system capacity will be expanded to facilitate evacuation of power from new power stations, imports of power from other states, and wheeling within the state. Distribution systems will be upgraded, including (i) replacement of outdated low voltage distribution lines with high-voltage distribution systems; (ii) continued upgrading of metering, billing, and collection systems; (iii) upgrading of operation and control systems (e.g., SCADA); and (iv) capitalization of the state energy conservation fund. Public-private partnerships will be developed as appropriate. The investment plan will be further defined during TA implementation.]</p> <p><b>Expected Outputs</b> The TA will identify and prepare an investment project or program to be financed by the Gujarat government and power utilities, ADB, and other development partners. The ensuing project will support economic growth through physical and nonphysical investments, which will fulfill all in-state power demand, and ensure high-quality and reliable power service to all consumers.</p>
Himachal Power Development Project	<p><b>Goal</b> Facilitate power generation, transmission, distribution, and sector reforms in Himachal Pradesh with minimum environmental and socially adverse impacts; and support selected investments in hydropower generation and associated transmission system expansion to facilitate sector sustainability.</p> <p><b>Major Components</b> The project will have two components: (i) at least two new hydropower plants with capacities of 140 megawatts (MW) and 400 MW, and associated transmission system expansion; and (ii) capacity development program to support physical investments and sector reforms and restructuring. Public-private partnerships will be considered in addition to traditional public sector and stand-alone projects developed by independent power producers. Carbon credit</p>

Project Name	Description
	<p>opportunities will be developed as appropriate.</p> <p><b>Expected Outputs</b> The project will expand the state's tradable power surplus, and foster economic growth via expansion of reliable high-quality power services.</p>
India Infrastructure Project Financing Facility	<p><b>Goal</b> The Government established India Infrastructure Finance Company Limited as a special purpose vehicle to fund infrastructure. The company is designed to accelerate the development of infrastructure through increased private sector participation under a public-private partnership format, thereby promoting sustainable economic growth and poverty reduction.</p> <p><b>Major Components</b> The investment component will be made available for implementing economically and financially viable infrastructure projects in transport, power, urban infrastructure, gas pipelines, infrastructure projects in special economic zones, and international convention centers and other tourism-related infrastructure. The grant component will assist India Infrastructure Finance Company Limited obtain international credit ratings from international credit-rating agencies.</p> <p><b>Expected Outputs</b> The project will provide much needed long-term debt for financing infrastructure projects, and will provide viability gap funding not exceeding 20% of the total project cost.</p>
India Urban Infrastructure Financing: An Assessment of Demand for Urban Infrastructure Financing vis-à-vis ADB Products	<p><b>Goal</b> The advisory TA is to assess the size of the market for urban infrastructure financing and develop a strategy and plan for possible positioning of ADB.</p> <p><b>Major Components</b> The TA will undertake an (i) in-depth assessment of the actual size of the entire potential market for urban infrastructure financing, (ii) assessment of regulatory requirements for access to various sources and forms of financing by states, (iii) advocacy campaigns to stimulate interest among potential borrowers, (iv) dialogue with states and potential partners, and (v) implementation strategy for positioning ADB in the urban infrastructure financing market of India. The advisory study is expected to provide input into a proposed project preparatory TA on megacity infrastructure development public private partnership in 2008.</p> <p><b>Expected Outputs</b> The output of the TA will be (i) a report containing the assessments and proposals; (ii) awareness raising of states and urban local bodies on various forms of financing available to them and the requirements for them to be able to avail of those financing sources, (iii) creation of a forum for policy dialogue with the central Government in creating an incentive environment for states and urban local bodies to leverage funds other than Government grants, and (iv) creation of a forum for partnerships for other funding agencies and the private sector interested in financing urban infrastructure and services.</p>
Integrated Coastal Zone Management and Sustainable Coastal Protection	<p><b>Goal</b> The goal of the TA is to prepare a proposal for an investment program in integrated coastal zone management and sustainable coastal protection that can be considered for financing by ADB.</p> <p>The goal of the subsequent loan project is to contribute to sustainable</p>

Project Name	Description
	<p>development of India's coastal zone and protection of coastal structures and ecosystems. The immediate purpose of the project is to strengthen capacity for integrated coastal zone management and support for appropriate sustainable coastal protection investments.</p> <p><b>Major Components</b> Components include the following:</p> <ul style="list-style-type: none"> <li>(i) Formulate strategies for improved coastal zone management including strategies for (a) building capacity (i.e., human resource, technical, sustainable financing, and regulatory requirements); (b) strengthening institutional arrangements and linkages; (c) preparing and implementing coastal zone management plans; and (d) enforcing and monitoring coastal zone management activities.</li> <li>(ii) Formulate strategies for sustainable coastal protection including strategies for (a) rational and systematic decision-making procedures to identify coastal protection measures (i.e., procedures for integrated planning; information collection and sharing; access to technology and technical skills; review of technical, social, and economic viability of interventions, etc.); (b) capacity building and strengthening of institutional arrangements and institutional linkages in line with (a); and (c) identification and detailed (site-specific) design of sustainable coastal protection infrastructure needs (structural and nonstructural).</li> <li>(iii) Identify financial requirements and sustainable financing modalities of a project or program to implement strategies identified in (i) and (ii) nationally and in selected states (to be identified), and assess financial and economic viability of the same.</li> <li>(iv) Identify the appropriate implementing arrangements for such a project or program in line with other government initiatives.</li> <li>(v) Prepare environmental and social safeguard assessments of the project or program.</li> </ul> <p><b>Expected Outputs</b> The TA will identify and prepare an investment project or program to be financed by ADB and possibly other development partners. The ensuing project will ensure that sufficient capacity is available to undertake proactive and integrated coastal zone management in selected coastal states and that sustainable coastal protection measures are implemented.</p>
Intermodal Transport Sector Development Project	<p><b>Goal</b> Direct future investment into modal integration initiatives by carefully analyzing areas of need and gaps in funding.</p> <p><b>Major Components</b> Components include physical, financial, regulatory, and institutional needs assessment; and coalition building.</p> <p><b>Expected Outputs</b> The TA will identify potential investment opportunities, and provide a road map for promoting intermodal transport facilities and reports of findings and a standing committee or working group on intermodal transportation.</p>
Jammu and Kashmir State Roads Project	<p><b>Goal</b> Develop a state road network to reduce the cost of freight and passenger transport.</p> <p><b>Major Components</b> Components include supervision of preconstruction and construction work, civil works covering approximately 1,800 km, improvement or</p>

Project Name	Description
	<p>replacement of selected bridges, and strengthening of the road construction department.</p> <p><b>Expected Outputs</b> Travel times will be reduced between key origin-destination points on the state highway network, riding quality will be improved on at least 50% of the state roads, and road accidents will be reduced.</p>
Madhya Pradesh State Roads Capacity Building (piggy-backed)	<p><b>Goal</b> The TA is to improve the capacity of Madhya Pradesh Road Development Corporation Limited (MPRDC) and Public Works Department (PWD) in road development and management. The second generation ADB-financed project will provide PWD with good opportunities to learn through on-the-job training and interactions with MPRDC.</p> <p><b>Major Components</b> The TA will strengthen the capacity of MPRDC for maintenance and quality assurance; and PWD for planning, project management, and effective use of labor.</p> <p><b>Expected Outputs</b> The TA will (i) enhance engineering capacity of MPRDC for road maintenance and quality assurance; (ii) help prepare five-year plans and annual plans; (iii) develop and implement an effective and efficient program of labor utilization, which would substantially rationalize road maintenance and administrative costs; (iv) help the Government allocate the budget in an optimal manner; (v) build PWD capacity to prepare a road maintenance plan based on objective analyses; (vi) support PWD to establish road asset information systems and a scheduled updating mechanism for data and systems; and (vii) help PWD acquire project management skills at the level of international best practices..</p>
National Highway Public-Private Partnership II	<p><b>Goal</b> The project is to facilitate the development of expressways (National Highway Development Project VI) in India.</p> <p><b>Major Components</b> The project is to facilitate the development of expressways (National Highway Development Project VI) in India.</p> <p><b>Expected Outputs</b> 200 km of expressways.</p>
National Tourism Circuit Development Project	<p><b>Goal</b> The project preparatory TA is intended to help the Government enhance performance of the tourism sector, so that it is environmentally and culturally sustainable, socially inclusive, and economically and financially viable. This will be achieved by assessing the feasibility and designing an investment program involving an integrated approach with an optimum combination of interrelated investments in various facets of tourism.</p> <p><b>Major Components</b> The project to be prepared under the TA is expected to include</p> <ul style="list-style-type: none"> <li>(i) tourism destination utility infrastructure and services: drainage, sewerage, ecotourism, and trekking;</li> <li>(ii) tourism access infrastructure: roads, transport, airports, etc.;</li> <li>(iii) tourism support services: tourism service centers, tourist information facilities, kiosks, and awareness programs;</li> <li>(iv) tourism marketing and promotion: development and implementation of marketing and promotion strategies plans;</li> <li>(v) identification of pro-poor tourism products;</li> </ul>

Project Name	Description
	<p>(vi) capacity building for enhanced tourism policy, legal, and institutional frameworks, human resource development, and project implementation assistance; and</p> <p>(vii) interventions to enable private sector participation in tourism development.</p> <p>The identification of investments for critical tourism infrastructure and services will be based on a strategic exercise integrating distinct tourism products, assets, and attractions into a number of attractive packages or marketable circuits that could appeal to tourists, and potentially extend the length of tourist stay in a given area.</p> <p>The TA will adopt a participatory approach including intense engagement with the private sector. An important task will be developing measures for an enabling climate and identifying key infrastructure that will attract sustained and regulated private sector investments in tourist facilities such as hotels, transportation services, retail, destination marketing, and other tourism-related activities.</p> <p>The TA will focus on establishing backward and forward economic linkages to ensure that a significant proportion of the tourism gains will accrue to the local community. Balance will be provided between the concerns for increasing the number and length of stay of tourists and the carriage capacity of environmental, social, and cultural systems. Measures will be taken to ensure that environmental and social impacts of tourism development will be positive.</p> <p><b>Expected Outputs</b></p> <p>The TA will demonstrate the feasibility of and develop a project for India's tourism development for possible ADB financing. The project to be prepared under the TA is expected to enhance the performance of the tourism sector. Net tourist spending in the project areas is expected to increase due to increased number of tourists, longer stays, and increased tourist spending. Sustainable tourism growth will increase foreign exchange earnings, support economic growth, and create new employment opportunities. With emphasis on environmental and infrastructure improvements and human resource development, the project is expected to increase opportunities for employment and local income generation.</p>
Nonrecourse Transactions	<p><b>Goal</b></p> <p>Globalization provides new opportunities for India for economic development through greater integration in the world economy. Since the early 1990s, international trade has surged. The ratio of international trade to gross domestic product doubled from 19% in 1991 to 38% in 2005. Small- and medium-sized enterprises (SMEs) play a key role in India's exports contributing nearly half of total exports. Recognizing the importance of the SME sector for employment and income generation, the Government has consistently supported SMEs through target policies. The project is designed to accelerate the growth of the Indian SME sector to globalize and become a more effective and competitive player in the international market by extending trade finance at competitive terms and through products that are not offered by the commercial market. It will also aim to support the Government's efforts to strengthen export growth through ties within the Asian region as increasingly Indian trade is shifting to these markets thereby facilitating regional cooperation.</p> <p><b>Major Components</b></p> <p>Export Development Project Facility (EDPF) will be used for, among</p>

Project Name	Description
	<p>others, (i) medium- and long-term credit for exports, (ii) financing imports of capital goods and technology, (iii) financing capital investment in export production facility, and (iv) financing international acquisitions with demonstrated synergy for trade creation to enhance competitiveness.</p> <p><b>Expected Outputs</b> The EDPF will result in export-oriented SME sector development thereby promoting economic growth and poverty reduction. As the EDPF will be structured under the pilot modalities of the Innovation and Efficiency Initiative on a nonrecourse basis, the project preparatory TA will undertake the due diligence and risk analysis, including technical, commercial, financial, legal, and governance.</p>
North Eastern Region Project Management Support Phase 2	<p><b>Goal</b> The TA will help (i) state and local governments develop the capacity to implement, on schedule, the multiple components of phase 2 of the North Eastern Region Urban Development Project; (ii) executing and implementing agencies gain experience with ADB's policies and procedures for project implementation; and (iii) prepare the detailed design of the first tranche subprojects.</p> <p><b>Major Components</b> Components include the following:</p> <ul style="list-style-type: none"> <li>(i) Review and analyze staff strength of the state and municipal governments to form a competent project management team at state and municipal levels; recruit staff (if required) from various sources, including government departments and through direct hiring on a contract basis if sufficiently capable people are not available in the state and municipal governments.</li> <li>(ii) Help state and municipal governments become familiar with ADB's procurement procedures, and help prepare detailed design of first tranche subprojects.</li> <li>(iii) Assist state and municipal governments in undertaking advance actions to recruit consultants; guide the selection of project management consultants centrally located within urban development departments, and design and supervision consultants to be placed in the project municipalities in accordance with ADB's selection criteria; and prepare detailed terms of reference for the consultants based on the recommendations of the project preparatory TA consultants.</li> <li>(iv) Prepare a project implementation manual and provide training to develop project implementation and management skills of project management staff.</li> </ul> <p><b>Expected Outputs</b> Improved project management capacity of executing and implementing agencies, and public awareness of (i) the benefits from and cost of improved urban infrastructure and services, and (ii) efficient use of water resources and environmentally acceptable practices of sanitary and solid waste disposal.</p>
Railway Sector Project II	<p><b>Goal</b> The objective is to overcome transportation capacity bottlenecks by financing priority investments that are economically and financially viable and improve operational efficiency and safety.</p> <p><b>Major Components</b> The investment projects will be identified jointly by ADB and Indian Railways.</p> <p><b>Expected Outputs</b> Capacity of congested routes will be increased, and the operation</p>

Project Name	Description
State Tourism Development Project	<p>and financial performance of Indian Railways and overall performance of the railways subsector will be improved by maintaining the operating ratio at 84%.</p> <p><b>Goal</b> The project preparatory TA will help Uttaranchal state government assess the feasibility of and prepare a project for developing the state's tourism sector through the strategic development of tourism-related infrastructure and promotion of community and private sector participation. Several areas of the state are already established centers of pilgrimage tourism. However, tourism development must not only cater to expansion but also to the effective management of current tourism activity. The TA is expected to develop a project that will contribute to poverty reduction by increasing employment and incomes, encourage conservation of natural resources by increasing awareness of the need to protect the environment, and improve the institutional capacity of the state to support the tourism industry.</p> <p><b>Major Components</b> The project to be prepared under the TA is expected to include</p> <ul style="list-style-type: none"> <li>(i) improvement of tourism-related infrastructure: drainage, sewerage, transport, ecotourism, and trekking;</li> <li>(ii) tourism support services: tourism service centers, tourist information facilities, kiosks and awareness programs, development, update of master plans (with comprehensive land-use planning and absorptive capacity review), marketing promotion plans, identification of pro-poor tourism products, institutional development of concerned ministries, project implementation assistance, marketing promotion plans, and identification of pro-poor tourism products; and</li> <li>(iii) human resource development.</li> </ul> <p><b>Expected Outputs</b> The output of the TA will be a feasible investment project for tourism development in Uttaranchal or another state (with greater tourism potential) for possible ADB financing. The ensuing project prepared under the TA is expected to encourage sustainable tourism development in Uttaranchal. Net tourist spending in the project areas will increase due to increased number of tourists, longer stays, and increased tourist spending. Sustainable tourism growth will increase foreign exchange earnings, support economic growth, and create new employment opportunities. With emphasis on environmental and infrastructure improvements and human resource training, the project is expected to increase opportunities for employment and local income generation.</p>
State-Level Urban Development Project (Meeting the Funding Gap of Jawaharlal Nehru National Urban Renewal Mission (JNNURM))	<p><b>Goal</b> The goal of the TA is to improve the urban environment in India's major cities by helping with successful implementation of JNNURM related investments. The TA will provide assistance to selected cities in preparing detailed project reports (DPRs) for investments in urban infrastructure that are eligible for funding by JNNURM, ADB, and other partner(s) as required. By doing this the TA aims to accelerate the impact of JNNURM, serve as a catalyst to attract private capital to finance urban infrastructure, and help position ADB as a potential lender for future projects to be partly financed by JNNURM. The TA will also support the implementation of governance and policy reforms associated with JNNURM.</p> <p><b>Major Components</b> The TA will be used to work with selected cities in developing their DPRs for investments in urban infrastructure. The TA will (i) develop feasibility studies for the investment components, in the form of a</p>

Project Name	Description
	<p>DPR, and package them for investments by JNNURM, ADB, and potentially the private sector; (ii) strengthen institutional capacity and project implementation skills of the selected cities; and (iii) carry out detailed design work for the selected components of the investment projects, DPRs to accelerate implementation and disbursements. Potential sectors to be considered include water supply, sewerage, solid waste management, storm drainage, and other urban services. Selection of potential cities for inclusion will be demand driven and based on the commitment and ability of the cities to implement the JNNURM-related policy reforms criteria.</p> <p>The TA will go beyond the standard work associated with preparing a project for ADB funding as it will also strengthen project management and institutional capabilities of the selected cities; improve overall readiness of the participating cities for project implementation; and conduct detailed design work required to accelerate project implementation and begin disbursements and physical works for the parts of the project that will enable physical works to commence as soon as financing is approved.</p> <p>The outputs of the TA will include (i) an investment project for the selected cities suitable for financing by JNNURM and ADB, and potentially the private sector; (ii) DPRs containing detailed feasibility studies and related due diligence, including preliminary engineering design, institutional assessments, economic and financial analysis, social assessments, etc.; and (iii) governance and policy reform program for the selected cities in consistency with the JNNURM criteria. The TA will also strengthen project management and institutional capabilities of the selected cities; improve overall readiness for project implementation; and include detailed design work required to begin disbursements from the JNNURM, ADB, and other potential partner(s).</p> <p><b>Expected Outputs</b> The TA is expected to produce fully developed, implementation-ready projects suitable for financing by ADB and JNNURM. Furthermore, capacity building and detailed design work on the preliminary stages of the project will ensure improved overall readiness of the selected cities to start project implementation and associated reforms, and ensure that physical works and disbursements can begin as soon as financing is in place.</p>
Strengthening Revenue Administration at the State Level	<p><b>Goal</b> The TA will strengthen measures to improve value-added tax (VAT) collection and thereby increase state tax yields by developing and standardizing best practices in systems and procedures in the areas of tax filing, tax assessment, tax auditing, and tax postauditing. Improvements in automation and tax file management will increase the efficiency of tax collectors and tax assessors, and ultimately lead to additional fiscal space creation for the state, freeing up resources for implementation of public policies.</p> <p><b>Major Components</b> The TA will have the following components: (i) uniform VAT rules and procedures across states; (ii) uniform risk-based audit procedure across states; and (iii) capacity building in the North Eastern states on computerization, use of audit software, and commercial tax data management. Tangible products prepared under the TA include operations manuals and training courses built around specific areas of VAT administration including risk-based automated auditing system.</p>

Project Name	Description
	<p><b>Expected Outputs</b> More effective results-based revenue administrations with improved instruments to manage VAT revenue collection will lead to a reduction in revenue leakages and improving VAT yields.</p>
Tank Irrigation Support Program	<p><b>Goal</b> The goal of the TA and the ensuing project is to enhance incomes and reduce poverty in rural areas of the selected states by developing and institutionalizing participatory approaches for rehabilitating minor tank irrigation systems and managing them through water user associations thereby substantially enhancing the productivity and sustainability of those tank systems.</p> <p><b>Major Components</b> Building on the national framework for renovation of water bodies prepared by the Government and tank irrigation studies undertaken by ADB's India Resident Mission, the TA will comprise (i) sector performance review of tank irrigation systems and intervention strategy preparation; (ii) scheme inventory preparation, selection of priority schemes, and detailed feasibility and safeguard assessments of subprojects for initial years of implementation; (iii) policy and institutional analyses to define effective institutional arrangements and the enabling environment, and necessary institutional strengthening programs; and (iv) project packaging and support for enhancing project readiness including advance procurement activities.</p> <p><b>Expected Outputs</b> The TA will develop an investment project suitable for ADB financing with high economic and revenue impacts, and readiness for implementation. The project outputs will include (i) effective local institutions developed to take over and manage tank systems in a self-sustaining manner; (ii) institutional mechanisms in place to effectively identify, plan, and rehabilitate tank systems while developing the aforementioned self-sustaining local institutions; (iii) increased agriculture production and household incomes of direct stakeholders; and (iv) reduced state expenditure for tank system operation and maintenance, and increased land and other tax revenue from increased productivity of tank systems. The TA will also contribute to progressive improvement of the enabling policy and institutional environment to support these processes.</p>
Urban Transport Project	<p><b>Goal</b> Develop an efficient urban transport system to reduce the cost of freight and passenger transport.</p> <p><b>Major Components</b> Components include (i) supervising preconstruction and construction works; (ii) improving road traffic systems, rail systems and, or bus systems; and (iii) strengthening the capacity of urban transport management in state and local governments.</p> <p><b>Expected Outputs</b> The project will result in reduction in travel times, improvements in the air quality, and reduction in road accidents within metropolitan areas.</p>
Urban Water Supply and Sanitation Public-Private Partnership Project	<p><b>Goal</b> The goal of the TA is to support the Government in its efforts to meet the targets for the Millennium Development Goals for water supply and sanitation. The purpose of the TA is to assess the demand and needs for urban water supply in order to develop a road map and prepare a feasible project for improving water supply and sanitation for possible ADB financing. A water supply and sewerage, sanitation</p>

Project Name	Description
	<p>project rather than an integrated urban development project will provide greater focus and a greater impact in terms of physical improvements, but more importantly in affecting reforms for water supply and sanitation sector.</p> <p><b>Major Components</b>  The TA will (i) assess the needs for water supply and sanitation improvements, (ii) identify the key issues with utility and urban local body performances in water supply and sanitation in alternative institutional forms and structures, (iii) assess the tariff regimes for water supply and sewerage, (iv) determine the opportunities for private sector participation and necessary interventions to promote private sector participation in water supply and sanitation, (v) develop a road map for improved water supply and sanitation including a reform agenda for significantly improved performance in water supply and sanitation service delivery by water utilities and urban local bodies, (vi) identify the geographic focus of water supply and sanitation improvements based on criteria, and (vi) develop a feasible project for possible ADB financing. The TA will (i) develop feasibility studies for the investment components, i.e., water supply and sanitation, sewerage, (ii) make innovative but feasible proposals for private sector participation in water supply and sewerage, and (iii) develop measures to improve the performances of utilities and urban local bodies in water supply and sanitation. Selection of potential cities for inclusion will be demand driven and based on the commitment and ability of the cities to implement the related policy reform agenda.</p> <p>The TA will go beyond the standard work associated with preparing a project for ADB funding as it will also strengthen project management and institutional capabilities of the selected cities; improve overall readiness of the participating cities for project implementation; and conduct detailed design work required to accelerate project implementation and begin disbursements and physical works for the parts of the project to enable physical works to commence as soon as financing is approved.</p> <p><b>Expected Outputs</b>  The outputs of the TA will include (i) a road map for India water supply and sanitation sector development; (ii) a proposal for an investment project as well as assessments demonstrating the feasibility of the proposed project; (iii) various safeguard frameworks to avoid and minimize any potential negative impact on the environment, the poor, and indigenous people; and to avoid or minimize land acquisition and resettlement; and (iv) a participation strategy, gender action plan, and poverty reduction and social strategy.</p>

## ASSISTANCE PROGRAM FOR CURRENT YEAR

**Table A3.1: Assistance Pipeline for Lending Products, 2006**

Sector Project/ Program Name	Targeting Classifi- cation	Thematic Priority	Division	Year of Project Preparatory Assistance	Total	Cost (\$ million)						
						OCR	ADB		Total	Gov't.	Co- financing	
							Loans	Grants				
<b>2006 Firm Loans</b>												
<b>A. Energy</b>												
1. Uttaranchal Power Sector Investment Program (MFF)	GI	ECG , ENV	SAEN	2004	tbd	300.0	0.0	0.0	300.0	tbd	tbd	
<b>Subtotal (A)</b>					<b>tbd</b>	<b>300.0</b>	<b>0.0</b>	<b>0.0</b>	<b>300.0</b>	<b>tbd</b>	<b>tbd</b>	
<b>B. Finance</b>												
1. Rural Finance (Cooperative Banks) Restructuring and Development Program (formerly Rural Finance Sector Restructuring and Development Program)	GI	ECG , GOV	SAGF	2003	tbd	1,000.0	0.0	0.0	1,000.0	tbd	tbd	
<b>Subtotal (B)</b>					<b>tbd</b>	<b>1,000.0</b>	<b>0.0</b>	<b>0.0</b>	<b>1,000.0</b>	<b>tbd</b>	<b>tbd</b>	
<b>C. Multisector</b>												
1. Kolkata Environmental Improvement Project (Supplementary Loan)	GI	ECG , ENV	SAUD		tbd	80.0	0.0	0.0	80.0	tbd	tbd	
2. North Karnataka Urban Sector Investment Program (MFF)	TI	ECG, ISD	SAUD		tbd	270.0	0.0	0.0	270.0	tbd	tbd	
<b>Subtotal (C)</b>					<b>tbd</b>	<b>350.0</b>	<b>0.0</b>	<b>0.0</b>	<b>350.0</b>	<b>tbd</b>	<b>tbd</b>	
<b>D. Transport and Communications</b>												
1. Uttaranchal State Road Investment Program (MFF)	GI	ECG, PSD	SATC	2005	tbd	550.0	0.0	0.0	550.0	tbd	tbd	
<b>Subtotal (D)</b>					<b>tbd</b>	<b>550.0</b>	<b>0.0</b>	<b>0.0</b>	<b>550.0</b>	<b>tbd</b>	<b>tbd</b>	
<b>Total (2006 Firm)</b>					<b>tbd</b>	<b>2,200.0</b>	<b>0.0</b>	<b>0.0</b>	<b>2,200.0</b>	<b>tbd</b>	<b>tbd</b>	
<b>2006 Standby Loans</b>												
<b>A. Law, Economic Management, and Public Policy</b>												
1. Administration of Justice (TA Loan)	TI	GOV , CAD	SAGF		tbd	20.0	0.0	0.0	20.0	tbd	tbd	
<b>Subtotal (A)</b>					<b>tbd</b>	<b>20.0</b>	<b>0.0</b>	<b>0.0</b>	<b>20.0</b>	<b>tbd</b>	<b>tbd</b>	

Sector Project/ Program Name	Targeting Classifi- cation	Thematic Priority	Division	Year of Project Preparatory Assistance	Total	Cost (\$ million)						
						OCR	ADB		Total	Gov't.	Co- financing	
							Loans	Grants				
<b>B. Multisector</b>												
1. Jammu and Kashmir Urban Sector Development Project (MFF)	GI	ECG, ISD,	INRM	2004	tbd	300.0	0.0	0.0	300.0	tbd	tbd	
2. Rajasthan Urban Infrastructure Development Phase II (MFF)	TI	ECG, ISD, ENV, GOV, CD	SAUD	2006	tbd	200.0	0.0	0.0	200.0	tbd	tbd	
<b>Subtotal (B)</b>					<b>tbd</b>	<b>500.0</b>	<b>0.0</b>	<b>0.0</b>	<b>500.0</b>	<b>tbd</b>	<b>tbd</b>	
<b>C. Transport and Communications</b>												
1. North Eastern State Roads (MFF)	GI	ECG, PSD	SATC	2005	tbd	300.0	0.0	0.0	300.0	tbd	tbd	
2. National Highway Public-Private Partnership (Sector) Project (MFF)	GI	ECG, PSD, GOV	INRM	2004	tbd	400.0	0.0	0.0	400.0	tbd	tbd	
<b>Subtotal (C)</b>					<b>tbd</b>	<b>700.0</b>	<b>0.0</b>	<b>0.0</b>	<b>700.0</b>	<b>tbd</b>	<b>tbd</b>	
<b>Total (2006 Standby)</b>					<b>tbd</b>	<b>1,220.0</b>	<b>0.0</b>	<b>0.0</b>	<b>1,220.0</b>	<b>tbd</b>	<b>tbd</b>	

ADB = Asian Development Bank; ADF = Asian Development Fund; CD = capacity development; ECG = sustainable economic growth; ENV = environmental sustainability; Gov't = government; GI = general intervention; GOV = governance; INRM = India Resident Mission; ISD = inclusive social development; MFF = multitranches financing facility; OCR = ordinary capital resources; PSD = private sector development; SAEN = South Asian Energy Division; SAGF = South Asia Governance, Finance, and Trade Division; SANS = South Asia Agriculture, Natural Resources, and Social Services Division; SATC = South Asia Transport and Communication Division; SAUD = South Asia Urban Development Division; tbd = to be determined; TI = targeted intervention.

Source: Asian Development Bank estimates.

**Table A3.2: Assistance Pipeline for Nonlending Products and Services, 2006**

Sector Assistance Name	Responsible Division	Assistance Type	Sources of Funding				Total Amount (\$'000)
			ADB		Others		
			Source	Amount (\$'000)	Source	Amount (\$'000)	
<b>2006</b>							
<b>A. Agriculture and Natural Resources</b>							
1. Orissa Integrated Irrigated Agriculture and Water Management Project	SANS	PPTA		0.0	DFID, CFWS	700.0	700.0
2. North Eastern State Integrated Flood and Riverbank Erosion Management Project (Assam)	SANS	PPTA		0.0	DFID, CFWS	850.0	850.0
<b>Subtotal (A)</b>				<b>0.0</b>		<b>1,550.0</b>	<b>1,550.0</b>
<b>B. Law, Economic Management, and Public Policy</b>							
1. Assam Governance and Public Resource Management II	SAGF	PPTA	JSF	500.0		0.0	500.0
2. Implementing Pension Reforms	SAGF	ADTA	JSF	1,000.0		0.0	1,000.0
3. Mainstreaming Public-Private Partnerships at the State Level	SAGF	ADTA	JSF	3,000.0		0.0	3,000.0
<b>Subtotal (B)</b>				<b>4,500.0</b>		<b>0.0</b>	<b>4,500.0</b>
<b>C. Multisector</b>							
1. Knowledge Management and Capacity Building	INRM	ADTA		0.0	DFID	2,000.0	2,000.0
2. Project Implementation and Urban Management Improvement in the North Eastern Region (Phase I)	SAUD	ADTA	TASF	1,400.0	CFWS	120.0	1,520.0
3. Strengthening Urban Project Management in Jammu and Kashmir	INRM	ADTA	TASF	400.0		0.0	400.0
4. Support for the Jawaharlal Nehru National Urban Renewal Mission	SAUD	ADTA	TASF	2,000.0		0.0	2,000.0
5. Umbrella Grant for Project Processing and Capacity Building <sup>a</sup>	INRM	PPTA		0.0	DFID	15,000.0	15,000.0
<b>Subtotal (C)</b>				<b>3,800.0</b>		<b>17,120.0</b>	<b>20,920.0</b>
<b>D. Transport and Communications</b>							
1. Chhattisgarh State Road Development Project (Suppl. TA)	INRM	PPTA		0.0	DFID	1,600.0	1,600.0
2. Urban Transport Strategy	SATC	ADTA	TASF	1,000.0		0.0	1,000.0
<b>Subtotal (D)</b>				<b>1,000.0</b>		<b>1,600.0</b>	<b>2,600.0</b>
<b>Total (2006)</b>				<b>9,300.0</b>		<b>20,270.0</b>	<b>29,570.0</b>

ADB = Asian Development Bank; ADTA = advisory and operational technical assistance; CFWS = Cooperation Fund for the Water Sector; DFID = Department of International Development, United Kingdom; INRM = India Resident Mission; JSF = Japan Special Fund; PPTA = project preparatory technical assistance; SAEN = South Asian Energy Division; SAGF = South Asia Governance, Finance, and Trade Division; SANS = South Asia Agriculture, Natural Resources, and Social Services Division; SATC = South Asia Transport and Communication Division; SAUD = South Asia Urban Development Division; TASF = Technical Assistance Special Fund.

<sup>a</sup> The umbrella TA includes the following component TAs: (i) North Karnataka Urban Sector Infrastructure Program, (ii) National Highways Public Private Partnership I Project, (iii) National Hydroelectric Power Corporation (NHPC) Capacity Development, (iv) Madhya Pradesh Transmission Strengthening (Madhya Pradesh Power Sector Investment program), (v) Jammu and Kashmir Urban Development, (vi) Innovative Financing Options for Jawaharlal Nehru National Urban Renewal Mission, (vii) Protection of East Kolkata Wetlands, (viii) Capacity development for Commodity Futures Market, (ix) Rajasthan Urban Infrastructure Development Phase II, (x) North Eastern States Roads Project, (xi) Uttaranchal Urban Development Project, (xii) Madhya Pradesh State Roads Sector Development Project II, and (xiii) Orissa Integrated Irrigated Agriculture and Water Management Project. In addition the following component TAs are being considered for inclusion: (i) Chattisgarh and Jharkhand State Roads, (ii) Tourism Infrastructure, (iii) India Infrastructure Finance Company Limited, (iv) National Housing Bank Limited, (v) NE States Trade and Investment Creation Initiatives, (vi) Agriculture Infrastructure Development Support, (vii) North Eastern State Integrated Flood and Riverbank Erosion Management Project (Arunachal Pradesh), and (viii) Khadi Sector Program.

Source: Asian Development Bank estimates.

## CHANGES IN LENDING AND NONLENDING PRODUCTS PROGRAMMED FOR 2006–2007

**Table A4.1: Changes in Lending Program, 2006–2008**

Sl. No.	Division	Year <sup>a</sup>	Project	Amount <sup>a</sup> (\$ million)	Variation from Country Strategy and Program Update 2006–2008
1	SAEN	2006	National Hydroelectric Power Corporation Hydropower Development	400	Included in the list of potential projects to be maintained by the South Asia Department
2	SAGF	2006	West Bengal Development Finance	250	Shifted to 2009 other
3	SAUD	2006	North Eastern Region Urban Development (Phase I)	200	Shifted to 2007; name changed to North Eastern Region Capital Cities Development Investment Program.
4	INRM	2006	Jammu and Kashmir Urban Sector Development	300	Shifted to 2007
5	SATC	2006	North Eastern States Roads	300	Shifted to 2007
6	SATC	2006	National Highway Public-Private Partnership	400	Shifted to 2007
7	SATC	2006	Uttaranchal State Roads	300	Amount changed to \$550 million from \$300 million
8	SANS	2007	Promoting Commodity Markets Infrastructure and Agribusiness Development Support	200	Split into two separate projects: (i) Strengthening Commodity Futures Market Infrastructure Project (amount: \$200 million; year: 2007 other, 2008) and (ii) Agriculture Infrastructure Support Project (amount: \$250 million; year: 2008)
9	SANS	2007	Integrated Irrigation Development	200	Shifted to 2007 other, 2008; name changed to Orissa Integrated Irrigated Agriculture and Water Management Project
10	SAEN	2007	North Eastern Region Power Development	300	Shifted to 2009 other; amount changed to \$250 million from \$300 million
11	SAEN	2007	Power Grid Corporation Transmission II	400	Amount changed to \$550 million from \$400 million
12	SAGF	2007	Rural Finance Sector Restructuring and Development	200	Processed and negotiated in 2006; name changed to Rural Finance (Cooperative Banks) Restructuring and Development, (amount changed to \$1,000 million from \$200 million)
13	SAGF	2007	Assam Governance and Public Resource Management (Subprogram II)	100	Shifted to 2008 other, 2009
14	SAUD	2007	Rajasthan Urban Infrastructure Development II	200	No change

Sl. No.	Division	Year <sup>a</sup>	Project	Amount <sup>a</sup> (\$ million)	Variation from Country Strategy and Program Update 2006–2008
15	SAUD	2007	Uttaranchal Urban Development	150	Shifted to 2007 other, 2008
16	SATC	2007	Railway Sector Improvement II	400	Shifted to 2009; amount changed to \$350 million from \$400 million
17	SATC	2007	Madhya Pradesh State Roads Sector Development II	250	Amount changed to \$200 million from \$250 million
18	SANS	2008	Assam Integrated Flood Control and River Erosion Mitigation	100	Name changed to North Eastern State Integrated Flood and Riverbank Erosion Management Project; amount changed to \$200 million from \$100 million
19	SANS	2008	Integrated Coastal Zone Management and Sustainable Coastal Protection in India	200	Shifted to 2009
20	SAEN	2008	Madhya Pradesh Power Development II	300	Shifted to 2007
21	SAGF	2008	Private Sector Infrastructure Facility III	300	Dropped at the Government's request
22	SAUD	2008	North Eastern Region Urban Development (Phase II)	200	Shifted to 2009
23	SAUD	2008	Support for the National Urban Renewal Mission	300	No change
24	SAUD	2008	Uttaranchal Tourism Development Support	150	Shifted to 2008 other, 2009
25	SATC	2008	Chhattisgarh State Roads II	300	Amount changed to \$200 million from \$300 million
26	SATC	2008	National Highway Public-Private Partnership II	400	Shifted to 2009
27	SATC	2008	Jammu and Kashmir State Roads	300	No change
28	SAEN	2008 standby	Assam Power Development Project II	200	Dropped at the Government's request
29	SATC	2008 standby	Jharkhand State Roads Improvement Project	300	Shifted to 2008
30	SATC	2008 standby	Urban Transport	400	Shifted to 2009; a mount changed to \$350 million from \$400 million

<b>Sl. No.</b>	<b>Division</b>	<b>Year<sup>a</sup></b>	<b>Project</b>	<b>Amount<sup>a</sup> (\$ million)</b>	<b>Variation from Country Strategy and Program Update 2006–2008</b>
31	SAUD		Calcutta Environmental Improvement Project (Supplementary Financing)	80	New loan added (2006 firm), at the Government's request
32	SAGF		India Infrastructure Financing (IIFCL)	300	New loan added (2007 other, 2008), at the Government's request
33	SAUD		Tourism Infrastructure Project	300	New loan added (2007 other, 2008), at the Government's request
34	SAEN		Gujarat Power Development	300	New loan added (2008), at the Government's request
35	SAGF		North Eastern States Trade and Investments Creation Initiative	100	New loan added (2008 other, 2009), at the Government's request
36	SAEN		Himachal Hydropower Development Project	400	New loan added (2008 other, 2009), at the Government's request

<sup>a</sup> As provided in Asian Development Bank. 2005. *Country Strategy and Program Update (2006–2008): India*. Manila.

**Table A4.2: Changes in Nonlending Program, 2006–2008**

Sl. No.	Year <sup>a</sup>	Division	Assistance Name	Amount (\$'000)	Variation from Country Strategy and Program Update 2006–2008
1	2006	SANS	Assam Integrated Flood Control and River Erosion Mitigation Project	800	Name changed to North Eastern State Integrated Flood and Riverbank Erosion Management Project (Assam); amount changed to \$850,000 from \$800,000
2	2006	SAGF	Implementing Pension Reforms In India	1,000	No change
3	2006	INRM	Knowledge Management and Capacity Building	2,000	No change
4	2006	INRM	Umbrella Grant for Project Processing	15,000	No change
5	2006	INRM	Livelihood Program for Indigenous People in Orissa	2,000	Dropped
6	2006	SAUD	Support for the National Urban Renewal Mission	2,000	Shifted to 2007; amount changed to \$1,500,000 from \$2,000,000
7	2006	INRM	Strengthening Urban Project Management in Jammu and Kashmir	400	No change
8	2006	SATC	Jharkhand State Roads	1,000	Shifted to 2007
9	2006	SATC	Urban Transport Strategy	1,000	No change
10	2007	INRM	Umbrella Grant for Project Processing	15,000	Alternative funding sources are being reviewed for undertaking project preparation work. The scope and design of the follow-up umbrella facility will depend on this review.
11	2007	SAUD	Strengthening Urban Project Management in the North Eastern Region (Phase II)	400	No change
12	2007	SAUD	Strengthening Urban Project Management in Uttaranchal	400	Dropped
13	2007	SATC	Intermodal Transport Sector Development	800	No change
14	2008	SAGF	Private Sector Infrastructure Facility III	600	Dropped

<sup>a</sup> As provided in Asian Development Bank. 2005. *Country Strategy and Program Update (2006–2008): India*. Man