

ANNEXES (PUBLISHED ONLY IN THE WEB) FOR THE Opportunities for Finnish Environmental Technology in India REPORT
 VAIN VERKOSSA JULKAISTAVAT LIITEET Opportunities for Finnish Environmental Technology in India –RAPORTTIIN

ANNEX: WORLD BANK FINANCED PROJECTS IN THE FIELD OF ENVIRONMENT IN INDIA

Appendix 1a. WB Financed Projects in the field of environment in India						
	Loan/Project Information Doc. no	Loan amount MUSD\$	Total amount MUSD\$	Financier	Sector	Status
WB Financed Projects						
National Urban Infrastructure Fund	PID PO92699	200.0	200.0	IBRD	Water	pipeline
Punjab Rural Water Supply and Sanitation	PID PO90592	100.0	200.0	IDA	Water	pipeline
Delhi Water Supply and Sewerage	PID PO67215	140.0	250.0	IBRD	Water	pipeline
Uttaranchal Rural Water Supply and Environmental Sanitation (Second)	PID PO83187	120.0	274.0	IDA	Water	pipeline
Maharashtra Water Sector Improvement	LOAN NO 4796-IN	235.0	394.0	IBRD	Water	Appr.23.6.2005
Tamil Nadu Rural Water Supply and Sanitation Project	OID PO78210	150.0	625.0	IDA	Water	pipeline
Third Power System Development	PID PO86414	400.0	1043.0	IBRD	Water	Appr. 19.1.2006
Third Tamil Nadu Urban Development (TNUDP III)	PID PO83780	300.0	435.0	IBRD	Water	Appr.5.7.2005
Madhya Pradesh Water Sector Restructuring	LOAN NO 4750-IN	394.0	443.2	IDA	Water	Appr.7.9.2004
Hydrology Phase 2	PID PO84632	105.0	135.05	IBRD	Water	Appr.20.8.2004
Maharashtra Rural Water Supply and Sanitation Jalswarajya (formerly Maharashtra Rural Water Supply and Sanitation)	Cr. 3821-IN	181.0	268.6	IDA	Water	Appr. 26.8.2003
Karnataka Urban Sector Reform/Municipal Reform Project	PID PO79675	216.0	333.0	IBRD	Water	Appr. 14.3.2006
Karnataka Urban Water Sector Improvement	LOAN NO 4730-IN	39.5	51.53	IBRD	Water	Appr.8.4.2004
Andhra Pradesh Urban Reform and Municipal Services	PID PO71250	230,0	303,0	IBRD	Water	pipeline
GEF Financed Projects						
Biodiversity Conservation and Rural Livelihood Improvement	PID PO88520	24.00/14.00 IDA/GEF		(IDA/GEF).	Environment	pipeline
Capacity Building for Implementation of the Cartagena Protocol		1 GEF/WB		GEF/WB	Environment	Appr. 5/2003
Removal of Barriers to Energy Efficiency Improvement in the Steel Rerolling Mill Sector		7.03 GEF/UNDP		GEF/UNDP	Energy	Appr.5/2003
Removal of Barriers to Biomass Power Generation, Part I		5.65 GEF/UNDP		GEF/UNDP	Energy	Appr.10/2002

ANNEX: ASIAN DEVELOPMENT BANK PROJECTS IN THE FIELD OF ENVIRONMENT IN INDIA 2/2006

Appendix 1b. ADB Projects in the field of environment in India 2/2006					
	Loan/TA	Loan amount MUSD	Project cost MUSD	Sector	Status
ADB Loan Projects					
North Karnataka Urban Sector Investment Program	IND 38254-01	270.0		Solid waste	pipeline
Kerala Sustainable Urban Development) (formerly Urban Infrastructure Development and Environment II)	Loan 2226-IND	221.2	281,0	Solid/Wat	Appr. 20.12.2005
Chhattisgarh Irrigation Development Project	Loan-2159 IND	46.1	66,6	Irrig./Water	Appr. 29.3.2005
Uttaranchal Power Sector Project	IND 37139-01	300.0		Hydropower	pipeline(negot.)
Power Grid Transmission (Sector) Project	Loan-2152 IND	400.0	568,0	Power	Appr. 21.12.2004
Multi-sector Project for Infrastructure Rehabilitation in Jammu and Kashmir	Loan-2151 IND	250.0	358,0	Water	Appr. 21.12.2004
Assam Power Sector Development Program (Project Loan	Loan-2036 IND	100.0	100,0	Power	Appr. 10.12.2003
Assam Power Sector Development Program (Project Loan	Loan-2037 IND	150.0	150,0	Power	Appr. 10.12.2003
Urban Water Supply and Environmental Improvement in Madhya Pradesh	Loan-2046 IND	200.0	200,0	Wat/Solid	Appr. 12.12.2003
Renewable Energy Development	LOAN	200.0		Power	
State Power Reform Project	Loan-1968 IND	150.0	150,0	Power	Appr. 12.12.2002
ADB Technical Assistance Projects					
Project Implementation and Urban Management Improvement in the North Eastern Region (Phase I)	TA	1.500		Solid waste	pipeline
Energy Efficiency Improvement	TA	0.500			pipeline
Environmental Investment Opportunities in the Energy Sector formerly Environmental Business Opportunities in the Energy Sector	TA	0.500			pipeline
Uttaranchal Urban Development	TA	0.600			Appr. 14.7.2005
ORISSA Integrated Irrigated Agriculture and Water Management Project	TA	0.800			pipeline
Integrated Coastal Management and Related Investment Development (formerly Potential ICZM and Coastal Protection Investments in Selected Coastal Studies)	TA	0.150			pipeline
Uttaranchal Power Sector Capacity Building Project	TA	0.500			Appr. 11.8.2005

Preparation of the Jammu and Kashmir Urban Infrastructure Development Project	PPTA	5.000			Appr. 21.12.2004
Project: North East Region Urban Development (Phase II)	TA	1.000		Solid waste	Appr. 31.10.2005
Water Users Association Empowerment for Improved Irrigation Management in Chhattisgarh	TA	1.900			Appr. 29.3.2005
North-East Power Development Project	TA	0.750			Appr. 17.2.2004
Capacity Building for the Clean Development Mechanism in India	TA	0.700		CDM	Appr. 17.10.2004
Capacity Building for Municipal Service Delivery in Kerala	TA	0.800			Appr. 17.12.2004
Capacity Building for Kerala Sustainable Urban Development	TA	0.500			Appr. 20.12.2004
Uttaranchal Power Sector Development Program	TA	0.150			Appr. 23.8.2004
Hydropower Development	TA	0.800			Appr. 6.5.2004
North Eastern Region Urban Development	TA	1.000			Appr. 8.6.2004
Project: Policy and Legal Support for Power Sector Reforms (Assam)	TA	0.100			Appr. 10.12.2004
Institutional Development for Rural Electrification (Assam)	TA	0.400			Appr. 10.12.2003
Reorganization of Assam State Electricity Board	TA	1.000			Appr. 10.12.2003
formerly Restructuring of Assam State Electricity Board					
Restructuring of Assam State Electricity Board	TA	1.500			Appr. 27.6.2003
Urban Sector Review and Strategy	TA	0.500			Appr. 13.8.2003
Capacity Building of Assam Electricity Regulatory Commission	TA	0.500			Appr. 24.1.2003
Kerala Sustainable Urban Development	TA	1.000		Solid waste	Appr. 9.5.2003
Regional Projects					
Managing the Cities in Asia	TA	1.0			Appr. 19.12.2005
Rolling Out Air Quality Management in Asia	TA	0.655		Air pollution	Appr. 19.12.2005
Special Evaluation Study on Urban Sector Strategy and Operations	TA	0.15			Appr. 21.4.2005
Implementing Pilot Projects for Small-Piped Water Networks	TA	0.4			Appr. 26.10.2005
Better Air Quality Management in Asia	TA	0.3		Air pollution	Appr. 28.11.2003
Regional Air Quality Management	TA	0.4			Appr. 19.12.2003
Poverty and Environment program	TA	3,92			Appr. 16.12.2003

ANNEX FOR THE CHAPTER 9.5 (The Clean Development Mechanism [CDM]) OF THE Opportunities for Finnish Environmental Technology in India REPORT
LIITE Opportunities for Finnish Environmental Technology in India -RAPORTIN LUKUUN 9.5 The Clean Development Mechanism (CDM)

Contact Information

Public organisations relevant in the CDM field.

Authority	Website	Contact Information
Designated National Authority (Ministry of Environment and Forest) (Delhi)	http://cdmindia.nic.in http://invfor.nic.in/cdm	Mr. R. K. Sethi, Member Secretary Telefax : +91 11 2436 2252 E-mail : dir.cc@nic.in
Environment Protection and Training Institute (EPTRI) (Hyderabad, Andhra Pradesh)	http://www.eptri.com/	Gayathri Ramachandran, Director General Tel.: +91 40 23001707 E-mail: crgayathn@eptri.com
Madhya Pradesh Pollution Control Board (MPPCB) (Bhopal, Madhya Pradesh)	http://www.mppcb.nic.in/	Sh. Brajesh Sharma IT Incharge & Assistant Engineer E-mail: it_mppcb@rediffmail.com
The West Bengal Renewable Energy Development Agency (WBREDA) (Kolkata, West Bengal)	http://www.wbreda.org/	S. P. Gon Chaudhuri, Special Secretary, Power Email: wbreda@cal.vsnl.net.in Tel.: + 91 80 2357 5037
Tamil Nadu Energy Development Agency (TEDA) (Chennai, Tamil Nadu)	http://www.tn.gov.in/telephone/und/undPage51.html	Thiru K Allaudin Tel: +91 44 28222973 Email: teda@md4.vsnl.net.in

Organisations that offer validation and verification services in India. (Up-to-date, not India-specific, list available at <http://cdm.unfccc.int/DOE/list>).

DOE	Contact Information
Det Norske Veritas*	Ramesh Ramachandran, Regd. Lead Auditor; Tel.: +91-44-2836 3070; E-mail: ramesh.ramachandran@dnv.com
TÜV South Asia*	Ishan Palit, Managing Director; Tel.: +91-22-5692 3415; E-mail: ipalit@tuvsouthasia.com
TÜV Rheinland Group**	
Bureau Veritas Quality International**	
KPMG**	
SGS*	Shivananda Shetty, Business manager; Tel: +91 124 23 99990; E-mail: shivananda_shetty@sgs.com
Lloyd's Register Quality Assurance***	P.C. Acharya, QMS Lead Auditor; Tel.: +91-80-2364 5986 ; E-mail: Prabodha.Acharya@lr.org

* Validation and verification: Renewable/non-renewable energy sources, energy distribution, energy demand, manufacturing industries, chemical industries, construction, transport, fugitive emissions from fuels, fugitive emissions from halocarbons, solvent use, waste handling and disposal, agriculture

** Validation: Renewable/non-renewable energy sources, energy distribution, waste handling and disposal

*** Not yet received sectoral scopes from UNFCCC (21st April 2006). "Designated" status pending while undergoing application procedure.

CDM consultancies or organisations that offer PDD development services active in India.

CDM Consultancy	Main Sectors	Phone and Email
Agrienergy Limited	Renewable Energy	Tel./ Fax: +44 (0) 1258 830556 E-mail: ben.atkinson@agrienergy.com
Avant Garde Engineers & Consultant Pvt Ltd.	Renewable Energy	Tel: 044 24828719
Birla Carbon Management Consulting	Bagasse, Fuel Switch, Energy Efficiency, Solid Waste	Deepak Mawandia, Managing Director Tel.: +91-33-2231 7258 Fax: +91-33-2231 7259 E-mail: deepak.mawandia@carbonfinance.in
Deloitte Touche Tohmatsu India Pvt Ltd	Waste heat recovery, biomass, HFC-23, N2O, Energy Efficiency	Mr. N. Balaji (Senior Manager) Tel: +91 11 55622000, 55622081 Fax: +91 11 55622011-12 E-mail: nbalaji@deloitte.com
Development Alternatives	Energy Efficiency	Tel: +91-11-26967938/ 26851158/ 26562099 Fax: +91-11-26866031 E-mail: tara@sdalt.ernet.in
Dr. Hutarew & Partners (India) Private Limited,	Renewable Energy	Tel:+91-11-2685 7098 Fax:+91-11-2652 7060 Email: hutarew@vsnl.com
Emerging Ventures India Pvt Ltd	Energy Efficiency	Mr. Kala Tel: +91 124 5042674 E-mail: vkala@yahoo.com
Ernst & Young Pvt. Ltd. Environment & Sustainability Services	Energy Efficiency, Industrial Process, Renewable Energy	Rajesh Miglani, Manage Tel: +91-11-2661 1004-09 / +91-11-4159-4251 Mob: +91-98108-88024 Fax: +91 11 2661 1012-13 E-mail: rajesh.miglani@in.ey.com
IDFC	Solid Waste	Mrs. Veena Vadini, Senior Specialist – Environment Ph: 044-28547611, 2855 9440 /48 /56 Fax: 044-28547597 E-mail: ajayn@idfc.com
PriceWaterHouse Coopers Private Ltd.	Energy Efficiency, Industrial Process, Renewable Energy, Fuel Switching	Dr. P. Ram Babu Tel: (O) +91 (22) 5669 1500 Fax: (O) +91 (22) 5654 7804 E-mail: ram.babu@in.pwc.com
Renco Technologies	Cement and paper sectors	S. Rajha Gopalan, President & CEO Tel: + 91 44 2498 8950 E-mail: rencoindia@hotmail.com
Senergy Global	Wind, hydro, waste-to-energy, waste to heat recovery, energy efficiency	Ph.D. Ajay Mathur, President Tel: +91-11-2465-5141 / 2465-5142 Fax: +91-11-5163-4201 / 2465-5144
TERI (The Energy and Resources Institute)	All sectors	Dr. Vivek Kumar, Associate Fellow Tel: 2468 2100, 5150 4900 E-mail: kumarv@teri.res.in
Vandana Vidhyut Limited	Renewable Energy, Industrial Process	Tel: +91 771 2535440 Fax: +91 771 2535804 E-mail: Vil-nib@sancharnet.in
Veda Climate Change	LULUCEF, food industry, waste management, mining	B. Nagaraju, Advisor (Projects) Mob: 94407 33517

		Fax: +91-40-27006767
Winrock India	Waste-to-energy, cogeneration, energy efficiency, wind	Kalipada Chatterjee, Senior Advisor (Climate Change) Tel.: +91-11-2669-3868 Fax.: +91-11-2669-3881 E-mail: kalipada@winrockindia.org
Women for sustainable development	Renewable Energy	Anandi Sharan Meili Tel: +91-80 – 23637007 Mob.: +91-9448034562 E-mail: wsd@vsnl.com , anandi@bgl.vsnl.net.in
Zenith Energy	Renewable Energy	Mohan Reddy, Director Tel: +914023376630 / 31 Fax: +91 (40) 2332 2517 E-mail: zenithenergy@sancharnet.in

Financial organisations active in the CDM field in India.

Company	Location	Contact Information
ICICI Bank	Mumbai, Maharashtra	Tel.: +91 22 28307799
SBI - State Bank of India	Mumbai, Maharashtra	Tel.: +91 22 22872957
Indian Renewable Energy Development Agency Ltd (IREDA)	New Delhi	Tel.: +91 11 2468 2214
IDFC Private Equity Co. Ltd.	Mumbai, Maharashtra	Tel.: + 91 22 2202 0748
Power Finance Corporation of India (PFC)	New Delhi	Tel.: +91 11 23722301/ 308
Rural Electrification Corporation (REC)	New Delhi	Tel.: +91 11 4365161