

INFRASTRUCTURE FINANCE IN INDIA

- ❖ **TABLE OF CONTENTS**
 - ❖ **LIST OF TABLES**
 - ❖ **ORDER FORM**
-
-

INFRASTRUCTURE FINANCE IN INDIA

Table of Contents (Release Date: March 18, 2011 No. of pages: 296)

SECTION I – MACRO ANALYSIS

1. OVERVIEW AND KEY TRENDS

- Introduction
- Economic Growth and Infrastructure
- Investment Requirements
- Funding Sources and Structures
- Trends in Infrastructure Financing
- Role of Public-Private Partnership
- Key Characteristics of Infrastructure Finance
- Risks and Challenges
- Conclusion

2. GOVERNMENT INITIATIVES

- Introduction
- India Infrastructure Finance Company Limited
- Viability Gap Funding
- India Infrastructure Project Development Fund
- India Infrastructure Debt Fund
- Conclusion

3. POLICY AND REGULATION

- Introduction
- Definition of Infrastructure
- FDI Policies
- RBI Guidelines
- SEBI Guidelines
- IRDA Guidelines
- Income Tax Guidelines
- Provisions under Budget 2011-12
- Issues and Challenges
- Conclusion

4. PUBLIC-PRIVATE PARTNERSHIP

- Introduction
- Drivers for PPP Investment
- Criteria Basis for Project Awards
- PPP Formats
- Model Concession Agreements (Financial Clauses)
- PPP Experience So Far
- Factors for PPP Success
- Issues and Challenges
- Conclusion

5. FUTURE OUTLOOK

- Introduction
- Future Funding Requirements
- Factors Affecting Infrastructure Investment
- Emerging Financing Instruments
- Conclusion

SECTION II – DEBT FINANCING

Each debt segment will include an analysis of:

- Size and Growth
- Terms and Structures
- Risk Factors
- Key Players

SECTION II – DEBT FINANCING Continued...

6. COMMERCIAL BANKS

7. NON BANKING FINANCE COMPANIES

8. INTERNATIONAL DEVELOPMENT FUNDING INSTITUTIONS

9. EXTERNAL COMMERCIAL BORROWINGS

10. INSURANCE AND PENSION FUNDS

Section III – EQUITY FINANCING

11. PRIVATE EQUITY

- Introduction
- Size and Growth
- Terms and Structures
- Returns
- Key Players
- Risk Factors
- Conclusion

12. CAPITAL MARKETS

- Introduction
- Size and Growth
- Policy and Regulation
- Returns
- Risks Factors
- Conclusion

Section IV - FINANCING BY SECTORS

The analysis of each sector will include:

- Introduction
- Funding Requirements
- Financing Terms and Structures
- Project Economics
- Case Studies
- Key Financings
- Risk Factors
- Conclusion

13. POWER FINANCING

14. ROAD FINANCING

15. PORTS FINANCING

16. AIRPORTS FINANCING

17. URBAN TRANSPORT

18. WATER SUPPLY AND SANITATION

19. RAILWAYS FINANCING

20. APPENDIX

“Infrastructure Finance in India” Report: List of Tables

Infrastructure Investment in the Eleventh Five Year Plan Growth in Core Industries and Infrastructure Services (%)
 Target and Achievement in the Eleventh Five Year Plan Investment Projections in Infrastructure Sector (Rs billion)
 Investment Requirement in the Twelfth Five Year Plan Investment by Centre, State and Private Sectors
 Sources and Structures for Financing Infrastructure
 Infrastructure Funding in India through Debt and Equity Markets (in Rs billion)
 Sector-wise Funding of Infrastructure in India (Rs billion)
 Schemes under IIFCL
 Cumulative Lending by IIFCL
 Sector-wise Cumulative Sanctions of IIFCL (Rs billion)
 Scheme for Takeout Financing
 Scheme for Refinancing
 Viability Gap Funding Scheme
 Trends in Viability Gap Funding in Infrastructure
 India Infrastructure Project Development Fund
 Trends in IIPDF in Infrastructure
 India Infrastructure Debt Fund
 Definition of Infrastructure by Various Agencies
 FDI Policies in Infrastructure Sectors in India
 Spread over LIBOR for ECBs
 Exposure Norms for Insurance Companies
 Factors to Consider when Choosing a Procurement Option
 PPP Formats Prevalent in India
 Summary of PPP Investments in India's Infrastructure
 Infrastructure Investment between 2010-11 and 2012-13
 Per unit Cost of Power and Road Projects (Rs million)
 Expected Project Funding between 2010-11 and 2012-13
 Industry-wise Deployment of Gross Scheduled Commercial Bank Credit (Rs billion)
 Share of Infrastructure Sectors in Total Bank Lending (%)
 Key Commercial Banks in Infrastructure Lending
 Terms and Structures for IFCs
 Sanctions and Disbursements by PFC
 Projects Sanctioned by PFC in 9M 2010-11
 Rural Electrification by REC
 Sanctions and Disbursements by REC
 Projects Sanctioned by REC during 2009-10
 Sanctions and Disbursements by IDFC
 Recent Projects Financed by IDFC
 SIFL's Disbursements between 2005-06 and 2009-10
 Recent Infrastructure Projects of IL&FS
 L&T Infra's disbursements between 2007-08 and 2009-10
 Disbursements by IRFC (Rs billion)
 IFCI's Net Outstanding to the Infrastructure Sector
 HUDCO's sanctions to the infrastructure sector (Rs billion)
 Sanctions and Disbursements by IREDA (Rs billion)
 Project Classification by the International Finance Corporation according to their Environmental Impact
 Types of IBRD Loans and Their Terms
 Fixed Swap Rate for Dollar-denominated Loans by ADB
 Transaction Fee Schedule
 Terms and Conditions for Yen Loans as applicable to India
 Loans Sanctioned by the World Bank in Infrastructure Sector of India
 Infrastructure Projects Financed by World Bank in 2010
 Infrastructure Companies Financed by the International Finance Corporation in 2010

Recent Infrastructure Projects Financed by ADB
 Recent Infrastructure Projects Financed by JICA
 ECB and FCCB Issuance in the Infrastructure Sector
 All-in-cost Ceilings over LIBOR as per ECB Guidelines
 ECA Structures
 Trends in Investments by Insurance Sector (Rs billion)
 Trends in Investment by LIC in Infrastructure Sector
 Trends in Investment by Major Public Sector Non-life Insurers in Infrastructure (Rs billion)
 Trends in Investment by Major Private Sector Non-life Insurers in Infrastructure (Rs billion)
 Rs/\$ Exchange Rates
 Key PE Transactions in 2010-11
 Structures of Equity Investments in Infrastructure
 Key PE Exits in Infrastructure in 2010-11
 Examples of Foreign PE Players Active in Infrastructure
 Examples of Investments made by Unlisted Funds
 Upcoming IPOs in Infrastructure Sector
 FPOs in Infrastructure Sector from 2004-05 to 2010-11
 Power Investments in the Eleventh Plan (Rs billion)
 Components of Construction Cost across Sectors (%)
 Generation Tariffs of Some Utilities (2008-09)
 Financing Structure for Sasan UMPP
 Financing Structure for Tanmar TPP
 Financing Structure for WRSS Transmission Project
 List of Financial Closures for IPPs between April 2009 and October 2010
 Key PE Deals in the Power Sector
 List of QIPs in the Power Sector
 Details of Investment under Tenth, Eleventh, and Twelfth Five Year Plans (Rs billion)
 Revenue Model under the Three Formats
 Termination of Agreement in Case of Traffic Variation
 Sources of Funds for the RMHP
 Contribution to Senior Debt by Banks
 Some of the NHDP Projects for which Financial Closure has been Achieved since January 2010
 Investment Required for Ports Sector during 2010-11 to 2016-17 (Rs billion)
 Operating Expenditure of Major Ports during 2005-10 (Rs billion)
 Break-up of Operating Income for Few Major Ports during 2009-10 (per cent)
 Financing Structure for LNG Regasification Terminal Project
 Key Features of the Rupee Debt for the LNG Regasification Terminal Project, Cochin
 Airport Investments in the Eleventh Five Year Plan
 Estimated Investments in Greenfield Airports
 User Development Fee at Airports (in Rs)
 Break-up of Revenue Components at the Delhi Airport
 Break-up of Revenue per Passenger (Rs)
 Investments in Metro Projects
 Investments in Bus-based Mass Rapid Transit Systems
 Non-fare Revenue Options
 Financing of Key PPP Projects
 Components of Construction Cost in Railways Sector
 Revenue Sources of Indian Railways (Rs billion)
 Contribution of Sources of Funds during 2005-11 (Rs billion)
 Funding Sources for IRFC (Rs billion)
 Business Models in Railways

List of Figures

Sector-wise Distribution of Infrastructure Funds between 2005-06 and 2009-10
 Private Investment in Infrastructure
 Sector wise Distribution of Approved Projects under VGF
 Sector-wise Distribution of Approved Projects under IIPDF
 Time and Cost Overruns in Infrastructure projects between April 1992 and March 2009
 Share of Infrastructure in Scheduled Commercial Bank Lending
 Maturity-wise Scheduled Commercial Bank Liabilities and Deposits at the end of 2008-09
 IFC Disbursements from 2005-06 to 2009-10 (Rs billion)
 Allocation of PFC's Disbursements between 2005-06 and 2009-10
 Sector wise Allocation of IDFC's Disbursements between 2005-06 and 2009-10
 Share of Infrastructure Sectors in IFCI's Outstanding to Infrastructure between 2005-06 and 2009-10
 Sector wise Allocation of IREDA's Disbursements between 2005-06 and 2009-10
 Trend in Infrastructure Funding by International Development Funding Institutions
 Sector-wise Funding by International Development Funding Institutions to Infrastructure
 Sector-wise Distribution of World Bank Funding in Indian Infrastructure
 Trends in the International Finance Corporation's Funding to Infrastructure
 Sector-wise Funding by the International Finance Corporation in Indian Infrastructure
 Funding by ADB in Infrastructure Sector of India
 Sector-wise Funding by ADB in Indian Infrastructure
 Funding by JICA in Infrastructure Sector of India
 Sector-wise Distribution of JICA Funding in Infrastructure Sector of India
 ECBs and FCCBs Raised in the Infrastructure Sector
 Category-wise Investments of the Insurance Sector
 Trends in Private Equity Investment in Infrastructure*
 Sector-wise PE Investment in Infrastructure between 2005-06 and 2010-11
 Sector-wise PE Investments in Infrastructure in 2010-11
 IPOs in Infrastructure Segment from 2004-05 to 2010-11
 IPOs by Small and Mid-sized and Large-sized Companies between 2008-09 and 2010-11
 Sector-wise Distribution of IPOs between 2004-05 and 2010-11
 QIPs in Indian Infrastructure Segment between 2006-07 and 2010-11
 Sector-wise Distribution of QIP Issues between 2006-07 and 2010-11
 PIPE Deals in Indian Infrastructure Segment between 2005-06 and 2010-11
 Sector-wise Distribution of PIPE deals between 2005-06 and 2010-11
 Cost Components of a Road Project

"Infrastructure Finance in India" Report Order Form

I would like to purchase the "Infrastructure Finance in India" report for Rs. 60000.

I am enclosing a cheque/demand draft for Rs _____, vide cheque/demand draft no. _____ drawn on _____ dated _____ in favour of "India Infrastructure Publishing Pvt. Ltd."

Signature

Name (Block Letters) _____

Designation _____

Company _____

Mailing Address _____

Telephone _____

Mobile _____

Fax _____

E-mail _____

Wire transfer details:

Beneficiary : India Infrastructure Publishing Pvt. Ltd.
 Bank Name : The Royal Bank of Scotland N.V.
 Bank Address : M-6, Hauz Khas, New Delhi 110016, India
 Account No. : 1050338
 Swift Code : ABNAINBBDEL
 IFSC Code : ABNA0100327

Contact details:

Raktima Majumdar, Information Products
 India Infrastructure Publishing Pvt. Ltd.
 B-17, Qutab Institutional Area, New Delhi 110016, India
 Tel: +91-11-46078365 (D), +91-11-41034600/01 (B)
 Mobile: +91-9711398022 Fax: +91-11-26531196
 Email: raktima.majumdar@indiainfrastructure.com