

# Newsletter Infrastructure Debentures

And other financial instruments under the terms of Law # 12,431 dated June 24, 2011 - ("Law 12,431") Real Estate Receivables Certificates - CRI's and Investment Funds

June 2015 19th Edition

**Seae**Secretariat for Economic Monitoring



#### Objective: Law 12,431/11

In order to promote private long-term financing of investments, in particular infrastructure, the Federal Government enacted Law # 12,431 which provides tax breaks for capital market instruments, creating alternative sources of long-term funding.

The Law provides for zero income tax on interest earned and capital gains for nonresidents and Brazilian individuals. It introduced two types of local currency fixed-income instruments:

- Capex Bond/Funds when the tax break applies to non-residents only;
- Infrastructure Bond/Funds when the tax break applies to both residents and non-residents.

A 10 percentage point reduction of the income tax rate applies for financial institutions.

The same tax benefits apply to Private Equity Funds that invest in infrastructure (FIP - IE).

# Brazilian Infrastructure Bonds (main features)

Minimum duration of 4 years at issuance (6 years in the case of FIDC);

Fixed rate or inflation-linked;

There should be no repurchase by issuer during the first 2 years after the issuance date;

No resale commitment undertaken by the buyer;

Periodic interest payments (if applicable) of no less than 180 days;

The instrument must be registered in a regulated securities market authorized by the Central Bank of Brazil or the Brazilian Securities Commission;

Simplified procedure showing isser's commitment to allocate raised funds in future payments or reimbursements of expenses, costs or liabilities related to investment projects;

Dollar-denominated instruments are not eligible for the tax breaks;

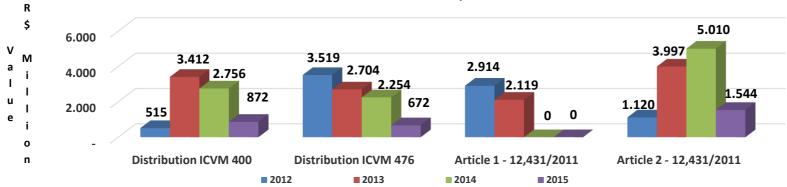
Public Issuance (Securities Comission Instruction 400) or Public Issuance with Restricted Efforts (Securities Comission Instruction 476).



#### Law # 12,431/2011 (Articles 1 and 2) - CAPEX and Infrastructure Bonds Issued: 2012 - 2015

INFRASTRUCTURE DEBENTURES	Value R\$ million Law 12,431/2011							
	2012	2013	2014	2015	million)			
Distribution ICVM 400 (1)	515	3,412	2,756	872	7,554.63			
Distribution ICVM 476 (2)	3,519	2,704	2,254	672	9,149.14			
Total	4,034.00	6,115.73	5,009.98	1,544.06	16,703.77			
Article 1 - 12,431/2011 (3)	2,914	2,119	0	0	5,032.73			
Article 2 - 12,431/2011 (4)	1,120	3,997	5,010	1,544	11,671.04			
Total	4,034.00	6,115.73	5,009.98	1,544.06	16,703.77			

#### CAPEX and Infrastructure Bonds Issued - R\$ million: 2012 - 2015



Source: ANBIMA - Brazilian Financial and Capital Markets Association and Ministerial Orders Elaborated by ASSEC/SEAE/MF

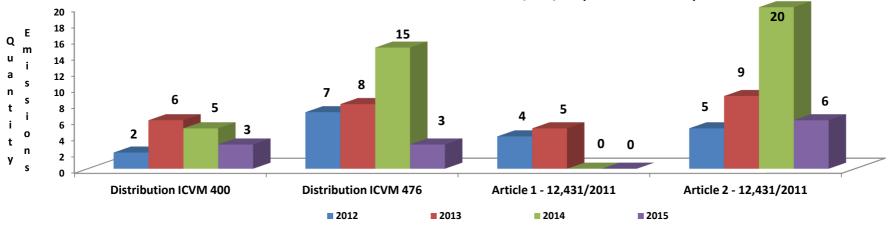
- (1) CVM Ruling 400 Public Offer
- (2) CVM Ruling 476 limited public offering in which up to 50 qualified investors can participate.
- (3) CAPEX Bonds (also referred to as Law # 12,431 article 1 debenture) tax-exempt bond for non-residents. Funds raised must be used in capital expenditures.
- (4) Infrastructure Bond (also referred to as Law 12,431 article 2 debenture) tax-exempt bond for resident natural persons. A ten-percentage point Ten percentage-point reduction for local companies. Funds raised must be used in infrastructure investiments or in research, development and innovation -intensive economic production.



### Projects that have issued CAPEX and infrastructure bonds in compliance with Law # 12,431/2011 (Articles 1 and 2): 2012 - 2015

INFRASTRUCTURE DEBENTURES	Number of issuances Law 12,431/2011						
	2012	2013	2014	2015	of Issuances		
Distribution ICVM 400 (1)	2	6	5	3	16		
Distribution ICVM 476 (2)	7	8	15	3	33		
Total	9	14	20	6	49		
Article 1 - 12,431/2011 (3)	4	5	0	0	9		
Article 2 - 12,431/2011 (4)	5	9	20	6	40		
Total	9	14	20	6	49		

#### Number of CAPEX and infrastructure bonds issued - Law # 12,431/11 (Articles 1 and 2): 2012 - 2015



Source: ANBIMA - Brazilian Financial and Capital Markets Association and Ministerial Orders Elaborated by ASSEC/SEAE/MF

- (1) CVM Ruling 400 Public Offer
- (2) CVM Ruling 476 limited public offering in which up to 50 qualified investors can participate.
- (3) CAPEX Bonds (also referred to as Law # 12,431 article 1 debenture) tax-exempt bond for non-residents. Funds raised must be used in capital expenditures.
- (4) Infrastrucuture Bond (also referred to as Law # 12,431 article 2 debenture) tax-exempt bond for resident natural persons. A ten-percentage point Ten percentage-point reduction for local companies. Funds raised must be used in infrastrucuture investiments or in research, development and innovation-intensive economic production.



### CAPEX Bonds: Law # 12,431/2011 - Project Bonds - (Article 1)1 - Non-Residents/ 2012

Issuer	Ticker	Issue Date	Offer Type	Maturity (Years)	Value (R\$ million)	Yield	Spread over NTN-B	Rating (local)
Minerva S/A.	BEEF13	6/20/2012	ICVM 476	10	450.00	Prefixado 16,95%	N/A	N/A
OGX Petróleo e Gás S/A - (Judicia Recovery)	OGXP11	9/28/2012	ICVM 476	10	2,025.00	Prefixado 10,5%	N/A	N/A
Rio Canoas Energia S/A.	RCNE22	8/15/2012	ICVM 476	12	75.00	IPCA + 7,89%	N/A	N/A
BR Malls Participações S/A.	BRML13	12/17/2012	ICVM 476	11	364.00	Prefixado 13,49%	N/A	N/A
	Total				2,914.00			

#### CAPEX Bonds: Law # 12,431/2011 - Project Bonds - (Article 1)1 - Non-Residents/2013

Issuer	Ticker	Issue Date	Offer Type	Maturity (Years)	Value (R\$ million)	Yield	Spread over NTN-B	Rating (local)
Marfrig Alimentos S/A.	MRFG14	3/22/2013	ICVM 476	6	570.00	Prefixado 15,85%	N/A	N/A
OAS S.A.	OAEP18 OAEP28	7/11/2013	ICVM 476	10	347.35 347.35	Prefixado 9,47%	N/A	N/A
CENTRAD - Conc. Centro Adm. Distrito Federal S/A.	CTRD11 CTRD21	7/11/2013	ICVM 476	10	50.00 50.00	IPCA + 7,97%	N/A	N/A
Holcim (BRASIL) S/A	HOLC11	10/1/2013	ICVM 476	10	450.00	Prefixado 14%	N/A	N/A
Raizen Energia S/A	RESA31	10/15/2013	ICVM 400	7	304.03	IPCA + 6,38%	N/A	brAAA
1	otal				2,118.73			

Source: ANBIMA, Rating reports and Debentures Agreements Elaborated by ASSEC/SEAE/MF Elaborated by ASSEC/SEAE/MF

- (1) CAPEX Bonds (also referred to as Law # 12,431/2011 article 1 debenture) Local currency IOF and tax-exempt bond for non-residents. The funds raised will be used for investments.
- (2) Consumer Prince Index CPI (IPCA)



#### Infrastructure Bonds: Law # 12,431/2011 - Project Bonds - (Article 2)1 - 2012

Issuer	Ticker	Issue Date	Offer Type	Maturity (Years )	Duration <sup>2</sup> (years)	Value (R\$ million)	Yield	Spread Over NTN-B	Rating (local)
Montes Claros Transmission Lines S/A	LTMC12	8/15/2012	ICVM 476	17	9.4	25.00	IPCA + 8,75%	4.52%	AA+(bra)
ALL - Latin America North Logistics Network S/A	FERR18	9/25/2012	ICVM 476	8	5.7	160.00	Prefixado 10,1%	0.84%	A(bra)
AUTOBAN - Concessionária Sistema Anhanguera - Bandeirantes S/A	ANHB24	10/15/2012	ICVM 400	5	4.7	135.00	IPCA + 2,71%	2.70%	brAAA
Santo Antonio Energia S/A.	SAES12	12/27/2012	ICVM 476	10	6.8	420.00	IPCA + 6,20%	3.11%	N/A
CART - Concessionária Auto Raposo Tavares S/A	CART12	12/15/2012	ICVM 400	12	7.9	380.00	IPCA + 5,80%	2.41%	A1.br
	Total					1,120.00			

Source: ANBIMA, Rating reports and Debentures Agreements Elaborated by ASSEC/SEAE/MF

- (1) Infrastructure Bonds (also referred to as Law # 12,431 article 2 debênture) Tax-exempt bond for resident natural persons. A ten-percentage point 15% company income tax rate (ten percentage-point reduction) for local companies. Funds raised must be used in infrastructure investments or in research, development and inovation-intensive economic production.
- (2) In this presentation we consider duration (Macauley duration) as a measure of the sensitivity of the price (value of principal) of a infrastructure Bond expressed as a number of years. This indicator involving present value, yield, coupon and final maturity.
- (3) Consumer Prince Index CPI (IPCA)



## Infrastructure Bonds: Law # 12,431/2011 - Project Bonds - (Article 2)1 - 2013

Issuer	Ticker	Issue Date	Offer Type	Maturity (years)	Duration <sup>2</sup> (years)	Value (R\$ million)	Yield	Spread Over NTN-B	Rating (local)
Interligação Elétrica do Madeira S/A.	IEMD12	3/18/2013	ICVM 476	12	6.2	350.00	IPCA + 5,50%	1.70%	AA+(bra)
Concessionária Ecovias dos Imigrantes S/A.	ECOV12 ECOV22	4/15/2013	ICVM 400	7 11	5.8 8.3	200.00 681.00	IPCA + 3,80% IPCA + 4,28%	0.00% 0.20%	brAAA brAAA
Concessionária Rodovias do Tietê S/A.	RDVT11	6/15/2013	ICVM 400	15	7.4	1,065.00	IPCA + 8,00%	2.16%	Aa2.br
Jauru Transmissora de Energia S/A.	JAUR12	6/15/2013	ICVM 476	18	8.4	39.00	IPCA + 8,00%	2.29%	brAA-
Norte Brasil Transmissora de Energia S/A	NRTB11 NRTB21	9/15/2013	ICVM 476	13	7.1 8.2	100.00 100.00	IPCA + 7,15%	1.55%	brAA+
CIA de Gás de São Paulo - COMGÁS.	GASP23 GASP33	9/15/2013	ICVM 400	5 7	4.5 5.6	269.53 142.47	IPCA + 5,10% IPCA + 5,57%	0.00% 0.31%	Aa1.br Aa1.br
AUTOBAN - Concessionária do Sistema Anhanguera - Bandeirantes S/A	ANHB15	10/15/2013	ICVM 400	5	4.5	450.00	IPCA + 4,88%	(0.03)%	Aaa.br
Odebrecht Transport S/A	ODTR11	10/15/2013	ICVM 476	12	8.5	300.00	IPCA + 6,70%	1.64%	A+(bra)
Termelétrica Pernambuco III S/A	TEPE11 TEPE21 TEPE31 TEPE41	11/15/2013	ICVM 400	12	5.0	75.00 75.00 75.00 75.00	IPCA + 9,11%	2.75%	AA+(bra)
1	otal					3,997.00			

Source: ANBIMA, Rating reports and Debentures Agreements Elaborated by ASSEC/SEAE/MF

- (1) Infrastructure Bonds (also referred to as Law # 12,431 article 2 debênture) Tax-exempt bond for resident natural persons. A ten-percentage point 15% company income tax rate (ten percentage-point reduction) for local companies. Funds raised must be used in infrastructure investments or in research, de velopment and inovation-intensive economic production.
- (2) In this presentation we consider duration (Macauley duration) as a measure of the sensitivity of the price (value of principal) of a infrastructure Bond expressed as a number of years. This indicator involving present value, yield, coupon and final maturity.
- (3) Consumer Prince Index CPI (IPCA)



## Infrastructure Bonds: Law # 12,431/2011 - Project Bonds - (Article 2)<sup>1</sup> - 2014

Issuer	Ticker	Issue Date	Offer Type	Maturity (years)	Duration <sup>2</sup> (years)	Value (R\$ million)	Yield	Spread Over NTN-B	Rating (local)
Aeroportos Brasil Viracopos S.A.	VRCP11 VRCP21 VRCP31 VRCP41	1/15/2014	ICVM 476	12	4.6	75.00 75.00 75.00 75.00	IPCA + 8,79%	2.27%	AA-(bra)
Vale do Rio Doce S/A	VALE18 VALE28 VALE38 VALE48	2/10/2014	ICVM 400	7 10 12 15	5.5 7.1 8.1 8.8	600.00 150.00 100.00 150.00	IPCA + 6,46% IPCA + 6,57% IPCA + 6,71% IPCA + 6,78%	0.15% 0.10% 0.00% 0.00%	brAAA/Aaa.br
Concessionária do Aeroporto Internacional de Guarulhos S/A	AGRU11 AGRU21 AGRU31 AGRU41	2/15/2014	ICVM 476	12	6.0	75.00 75.00 75.00 75.00	IPCA + 7,86%	1.40%	AA(bra)
Santo Antônio Energia S/A - 2ª	STEN13 STEN23	4/15/2014	ICVM 400	8 10	5.6 6.7	200.00 500.00	IPCA + 7,05% IPCA + 7,49%	0.69% 1.00%	AA+(bra)
CPFL - Transmissão Piracicaba S/A	CPGE18	4/28/2014	ICVM 476	5	4.5	70.00	IPCA + 5,86%	(0.09)%	AA+(bra)
Ferreira Gomes Energia S/A	FGEN13	6/15/2014	ICVM 400	13	8.1	210.90	IPCA + 6,47%	0.48%	AA+(bra)
Transmissora Sul Brasileira de Energia S/A	TSBE12	9/15/2014	ICVM 476	14	8.1	77.58	IPCA + 6,80%	1.00%	AA+(bra)
Concessionária de Rodovias do Oeste de São Paulo - VIAOESTE	VOES25	9/15/2014	ICVM 476	5	4.5	150.00	IPCA + 5,67%	0.00%	Baa2/Aaa.br
RODONORTE - Concessionária de Rodovias Integradas S/A	RDNT14	10/15/2014	ICVM 476	5	4.5	130.00	IPCA + 5,69%	0.10%	AA+(bra)
Concessionária do Sistema Anhanguera-Bandeirantes S/A	ANHB16	10/15/2014	ICVM 400	5	4.5	545.00	IPCA + 5,43%	(0.15)%	Baa1/Aaa.br
Concessionária do Aeroporto Internacional de Guarulhos	AGRU12	10/15/2014	ICVM 400	12	6.9	300.00	IPCA + 6,40%	0.90%	AA(bra)



#### Continuation - 2014

Issuer	Ticker	Issue Date	Offer Type	Maturity (years)	Duration <sup>2</sup> (years)	Value (R\$ million)	Yield	Spread Over NTN-B	Rating (local)
Concessionária de Rodovias do Interior Paulista S/A	IVIA24	10/15/2014	ICVM 476	5	4.5	225.00	IPCA + 5,96%	0.25%	Baa3/Aa1.br
Santa Vitória do Palmar Holding	SVIT11	9/15/2014	ICVM 476	14	8.2	90.00	IPCA + 7,9435	1.92%	brAA
SUPERVIA-Concessionaria de Transporte Ferroviário S/A	SPVI12	11/15/2014	ICVM 476	12	6.04	300.00	IPCA + 7,50%	1.85%	AA-(bra)
Renova Eólica Participações S/A	RNEP11	11/15/2014	ICVM 476	11	5.40	73.00	IPCA + 7,6054%	1.40%	AA-(bra)
Renova Eólica Participações S/A	RNEP21	11/15/2014	ICVM 476	11	5.50	73.00	IPCA + 7,87%	1.65%	AA-(bra)
Tractebel Energia S.A.	TBLE15	12/15/2014	ICVM 476	10	7.09	165.00	IPCA + 6,30%	0.0%	AAA(bra)
Empresa de Energia Cachoeira Caldeirão S/A	CADR13	12/15/2014	ICVM 476	16	9.20	156.00	IPCA + 7,27%	1.40%	AA(bra)
Linhas de Taubaté Transmissora de Energia S/A	LTTE14	12/15/2014	ICVM 476	15	7.90	44.50	IPCA + 7,8774%	1.50%	AA+(bra)
Autopista Planalto Sul S/A	APPS12	12/15/2014	ICVM 476	11	7.50	100.00	IPCA + 8,1721%	1.70%	brAAA
	Total					5,009.98			

Source: ANBIMA, Rating reports and Debentures Agreements Elaborated by ASSEC/SEAE/MF

- (1) Infrastructure Bonds (also referred to as Law # 12,431 article 2 debênture) Tax-exempt bond for resident natural persons. A ten-percentage point 15% company income tax rate (ten percentage-point reduction) for local companies. Funds raised must be used in infrastructure investments or in research, de velopment and inovation-intensive economic production.
- (2) In this presentation we consider duration (Macauley duration) as a measure of the sensitivity of the price (value of principal) of a infrastructure Bond expressed as a number of years. This indicator involving present value, yield, coupon and final maturity.
- (3) Consumer Prince Index CPI (IPCA)



### Infrastructure Bonds: Law # 12,431/2011 - Project Bonds - (Article 2)1 - 2015

lssuer	Ticker	Issue Date	Offer Type	Maturity (years)	Duration² (years)	Value (R\$ million)	Yield	Spread Over NTN-B	Rating (local)
MRS Logistica S/A - 1° Série	MRSL17	2/15/2015	ICVM 400	7	5.54	336.30	IPCA + 5,98%	0.00%	brAA+
MRS Logistica S/A - 2° Série	MRSL27	2/15/2015	ICVM 400	10	7.07	214.40	IPCA + 6,42%	0.35%	brAA+
SALUS Infraestrutura Portuária S/A	SAIP11	3/15/2015	ICVM 400	10	5.48	321.00	IPCA + 6,7879%	0.50%	AA+sf(bra)
Rodovias Integradas do Oeste S/A	RVIO14	4/15/2015	ICVM 476	5	4.54	190.00	IPCA + 6,38%	0.15%	Aa1(bra)
Alupar Investimentos S/A	APAR16	4/15/2015	ICVM 476	6	4.60	250.00	IPCA + 7,3273%	0.90%	AA+(bra)
VLI Multimodal S/A	VLIM11	6/15/2015	ICVM 476	5	4.38	232.36	IPCA + 6,8839%	0.30%	AA(bra)
	Total					1,544.06			

Source: ANBIMA, Rating reports and Debentures Agreements Elaborated by ASSEC/SEAE/MF

- (1) Infrastructure Bonds (also referred to as Law 12,431 article 2 debênture) Tax-exempt bond for resident natural persons. A ten-percentage point 15% company income tax rate (ten percentage-point reduction) for local companies. Funds raised must be used in infrastructure investments or in research, development and inovation-intensive economic production.
- (2) In this presentation we consider duration (Macauley duration) as a measure of the sensitivity of the price (value of principal) of a infrastructure Bond expressed as a number of years. This indicator involving present value, yield, coupon and final maturity.
- (3) Consumer Prince Index CPI (IPCA)



#### Real Estate Receivables Certificate - CRI's according to Law # 12,431/2011 (Article 3) - 2014

		Summary	of the Real Est	ate Receivables (	Certificates <sup>1</sup> -	CRI 's		
Sectors	Shareholders of Petrobras	Issuer	Series	Issued Value - R\$ Billion	Term Loan	Yield	Value of Investments <sup>2</sup>	Use of Resources
	Brazilian Government; BNDES Participations S/A - BNDESPAR; Brazilian Development Bank's - BNDES; Social Participation Fund (FPS), managed by BNDES; Brazilian soverign		232.00	2.35	17 years	TR <sup>(i)</sup> + 9,5 % year	Até R\$ 25 bilion	Civil construction project of the Petrochemical Complex of Rio de Janeiro - COMPERJ in Itaboraí (in the State of Rio de Janeiro).
Oil and Gas	managed by BNDES; Brazilian soverign wealth fund - Fiscal Fund for Investment and Stabilization - (FFIE); ADR (common stock); ADR (preferred stock); FMP - FGTS Petrobras; Non-Resident Investor (CMN Resolution # 2,6894, dated october 31, 2001) and Other Investors: Individuals and corporation.	CIBRASEC	234.00	1.65	17 years	TR + 9,5 % year	R\$ 26 billion	Civil construction project of Abreu e Lima Refinery in the metropolitan region of Recife - PE (in the State of Pernambuco).
	Total R\$ Billion			4.00				

Source : CIBRASEC and Terms of Securitization of Real Estate Credit Elaborated by ASSEC/SEAE/MF

#### Note

- (1) Mortgage-Backed securities guaranteed by real estate credits real estate credit certificate CCI representative of bank credit notes CCB issued by Petrobras to Bradesco.
- (2) Investment Amount may reach up to R \$ 25 billion in civil works and R\$ 20 billion in industrial assembly.
- (3) Benefits for non-resident investors: zero income tax rate (IR) and zero tax. In case of investments from countries which are not subject to income tax rate of 20% or more ("tax havens"), tax benefits do not apply.
- (4) Concerning non-resident investors in financial and capital markets.

#### Minimum Requirements:

- (i) Fixed rate or linked to price index-linked or TR Referential Rate-linked. Total of partial use of floating rates is forbidden.
- (ii) Weighted average term over four years;
- (iii) No repurchase by the issuer or related party, in the first two years after issuing, nor bond redemption before its due date except in cases to be regulated by the National Monetary Council (CMN);
- (iv) No resale commitment undertaken by the buyer;
- (v) Coupon payments, if any, must be at least semi-annual;
- (vi) Proof that the security is registered in clearing houses duly authorized by the Central Bank of Brazil or the CVM (Brazilian SEC); and
- (vii) Simplified procedure to demonstrate the purpose of allocating the proceeds towards the future payment or reimbursement of expenses, costs or liabilities related to investment projects, including those relating to RD&I.



## Brazilian Infrastructure Bonds Investment Funds - Fixed-Income Investment - Law # 12,431/2011

Infrastructure Bonds Investment funds	Debentures (Infrastructure Bonds)	Time Deposits and Other Financial Securities	Quotas of Investment Funds	Government Securities Repurchase	Brazilian Government Bonds	Other	Net Equity
	R\$ million	R\$ million	R\$ million	R\$ million	R\$ million	R\$ million	R\$ million
FIRF-IE Bradesco	65,746.03	0.00	0.00	1,181.63	8,154.59	(38.62)	75,043.63
FIRF-IE XP Crédito Privado	36,777.51	0.00	943.74	4,993.83	1,295.04	1.16	44,011.28
FIRF-IE CSHG AS 7.7 Infraestrutura	18,131.02	0.00	0.00	420.56	3,923.62	1.89	22,477.09
FIRF-IE CSHG 392 - Infraestrutura	94,492.44	725.10	0.00	15,767.67	2,135.30	(5.14)	113,115.37
FIRF-IE TFO CSHG - Infraestrutura	27,028.75	0.00	0.00	9,837.07	4,296.03	(1.70)	41,160.15
FIRF-IE Azienda	89,667.72	0.00	0.00	2,082.70	17,584.49	(4.47)	109,330.44
FIRF-IE CSHG Omega - Infraestrutura	43,616.93	0.00	0.00	4,653.77	8,495.36	0.90	56,766.96
Total	375,460.40	725.10	943.74	38,937.23	45,884.43	(45.98)	461,904.92

Source : Brazilian Securities Commission - CVM Elaborated by ASSEC/SEAE/MF

#### Note:

(i) Requirements: Investments in Brazilian Infrastructure Bonds, as previously defined, must correspond to at least 67% of the Fund portfolio within the first two years and at least 85% in the remaining years. After the incorporation of the fund, 180 days to fulfill the investment requirements above.



#### Brazilian Infrastructure Bonds Investment Funds - Fixed-Income Investment - Law # 12,431/2011

(Fixed-Income Investment - At Pre-operational stage)

Infrastructure Bonds Investment funds	Debêntures (Infrastructure Bonds)	Time Deposits and Other Financial Securities	Quotas of Investment Funds	Government Securities Repurchase	Brazilian Government Bonds	Other	Minimum Investment
	R\$ million	R\$ million	R\$ million	R\$ million	R\$ million	R\$ million	R\$ million
FIRF-IE BTG Pactual			0.00	0.00	0.00	0.00	1,000.00
Total	0.00	0.00	0.00	0.00	0.00	0.00	1,000.00

Source : Brazilian Securities Commission - CVM Elaborated by ASSEC/SEAE/MF

#### Note:

(i) Requirements: Investments in Brazilian Infrastructure Bonds, as previously defined, must correspond to at least 67% of the Fund portfolio within the first two years and at least 85% in the remaining years. After the incorporation of the fund, 180 days to fulfill the investment requirements above.



## FIC-FI - Investment Funds in Quotas of Investment Funds - Law # 12,431/2011

Infrastructure funds	Quotas of Investment Funds	Time Deposits and Other Financial Securities	Government Securities Repurchase	Brazilan Government Bonds	Other	Net Equity
	R\$ million	R\$ million	R\$ million	R\$ million	R\$ million	R\$ million
FIC-IE XP - Multimercado	45,017.23	0.00	0.00	0.00	(37.11)	44,980.12
FIC-IE TFO - Multimercado	7,191.77	0.00	0.00	0.00	(5.90)	7,185.87
Total	52,209.00	0.00	0.00	0.00	(43.01)	52,165.99

 $Source: Brazilian \ Securities \ Commission - CVM$ 

Elaborated by ASSEC/SEAE/MF

#### Note:

(i) Requirements: Investments in Brazilian Infrastructure Bonds, as previously defined, must correspond to at least 67% of the Fund portfolio within the firts two years and at least 85% in the remaining years. After the incorporation of the fund, 180 days to fulfill the investment requirements above.



#### Infrastructure Credit Rights Investment Fund – FIDC - Law # 12,431/2011

Infrastructure Credit Rights Investment Fund	Credit Rights	Time Deposits and Other Financial Securities	Quotas of Government Securities Investment Funds		Brazilian Government Bonds	Other	Net Equity
R	R\$ million	R\$ million	R\$ million	R\$ million	R\$ million	R\$ million	R\$ million
FIDC - BB Votorantim Highland Infra	348,792.52	0.00	354.42	7,361.28	10,282.35	(1,841.33)	364,949.24
Total	348,792.52	0.00	354.42	7,361.28	10,282.35	(1,841.33)	364,949.24

Source : Brazilian Securities Commission - CVM

Elaborated by ASSEC/SEAE/MF

- (i) Benefits for non-resident investors: zero income tax rate (IR) and zero tax. In the case of investments from countries which are not subject to an income tax rate of 20% or more ("tax havens"), tax benefits don't not apply.
- (ii) The fund must have a minimum term of six years.
- (iii) No full or partial payment for the main quotas during the first two years counted as of the closing date of the public offering of quotas that make up the initial assets of the fund, except in cases of early settlement of the fund provided for in its regulations;
- (iv) No acquisition of quotas by their seller or transferor or by parties related to these except in the case of quotas subor dinated to others for purposes of e payment and redemption;
- (v) Deadlines for partial redemption of quotas, including those from incorporated income, if any, must be at least 180 days one hundred eighty days apart;
- (vi) Proof that the quotas are admitted to trading on an organized securities market or registered in a registry system duly authorized by the Central Bank of Brazil or the CVM (Brazilian SEC) under their respective areas of competence;
- (vii) Simplified procedure to demonstrate the purpose of allocating the proceeds of the transaction to investment projects, including those focused on research, development and innovation;
- (viii) At least eighty-five percent of equity represented by receivables, and the remaining portion by federal government securi ties, repurchase agreements backed by government bonds or quotas from mutual funds that invest in federal government bonds.



#### FIP-IE and FIP-PD&I1 under the terms of Laws # 11,478/2007 and # 12,431/2011

FIP-IE and FIP-PD&I <sup>2</sup>	Stocks	Investment Fund Quotas	Federal Government Bonds	Government Securities Repurchase		Other Applications	Forward Market - Buyer	Other Values	Net Equity
	R\$ million	R\$ million	R\$ million	R\$ mill	ion	R\$ million	R\$ million	R\$ million	R\$ million
FIP-IE Infra ANESSA	54,044.87	0.00	117.73	0.00	0.00	0.00	0.00	3.65	54,166.25
FIP-IE Infra XP OMEGA I	107,105.00	694.47	0.00	0.00	0.00	0.00	0.00	(25.31)	107,774.16
FIP-IE Infra Votorantim Saneamento	22,000.00	19,917.85	0.00	0.00	0.00	0.00	0.00	(22,040.54)	19,877.31
FIP-IE Infra BB Votorantim Energia Sust. I	55,699.10	52,260.49	265.09	0.00	0.00	0.00	0.00	11.17	108,235.85
FIP-IE Infra BB Votorantim Energia Sust. II	79,902.69	74,942.92	377.24	0.00	0.00	0.00	0.00	20.09	155,242.94
FIP-IE Infra BB Votorantim Energia Sust. III	76,810.38	76,683.98	377.24	0.00	0.00	0.00	0.00	3.33	153,874.93
FIP-IE Infra Energia Renovável	0.00	221.72	0.00	0.00	0.00	144,300.00	0.00	(15.13)	144,506.59
FIP-IE Pátria Energia Renovável	43,284.82	43.93	0.00	0.00	0.00	0.00	1,208.19	(110.88)	44,426.06
FIP-IE Porto Sudeste Royalties	0.00	0.00	0.00	0.00	0.00	100.00	0.00	0.00	100.00
FIP-IE Olime	10,000.00	0.00	39.03	0.00	0.00	0.00	0.00	(12.84)	10,026.19
FIP-IE Infra Mezanino Diamond Moutain Marine	370,011.98	0.00	0.00	0.00	0.00	0.00	0.00	(7,021.16)	362,990.82
Total	818,858.84	224,765.36	1,176.33	0.00	)	144,400.00	1,208.19	(29,187.62)	1,161,221.10

Source : Brazilian Securities Commission - CVM Produced by ASSEC/SEAE/MF

#### Note

- (1) FIP-IE: Investment Fund (investment in infrastructure) and FIP-PD & I: Investment Fund for Participation in Research, Development and Innovation-Intensive Economic Production.
- (2) (i) The FIP-IE and FIP-PD&I must have a minimum of 5 quota holders and no quota holder may hold morre than 40% of the quotas issued by Fund (FIP-IE or FIP-PD&I) or earnings above 40% of the fund's earnings.
  - (ii) The FIP-IE and FIP-PD&I must be closed-end fund.
- (iii) The FIP-IE and FIP-PD&I must maintain a minimum of 90% of its net worth invested in shares, subscription bonds, debentures (convertible or not into shares) or other bonds issued by either a publicly ou closely-held company.
  - (iv) The company must be aware of infrastructure projects related to the energy, transportation, water and sewage treatment, and irrigation sectors.
  - (v) The FIP-IE and the FIP-PD&I must participate in in the decision-making process of the issuer company with effective influence on the definition of its strategic policy and management.
  - (vi) Taxes: exemption for individuals and 15% rate for companies.



#### FIP-IE and FIP-PD&I<sup>1</sup> under the terms of Laws # 11,478/2007 and # 12,431/2011

(Share Investment Fund - at Pre-operational stage)

FIP-IE and FIP-PD&I <sup>2</sup>	Stocks	Investment Fund Quotas	Bonds	Government Securities Repurchase		Other Applications	Forward Market - Buyer	Other Values	Net Equity
	R\$ million	R\$ million	R\$ million	R\$ million		R\$ million	R\$ million	R\$ million	R\$ million
FIP-IE Nova Energy II	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	10,000.00
FIP-IE MQS Infra A	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1,000.00
FIP-IE MQS Infra P	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1,000.00
FIP-IE TRX Infra I	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1,000.00
Total	0.00	0.00	0.00	0.00	)	0.00	0.00	0.00	13,000.00

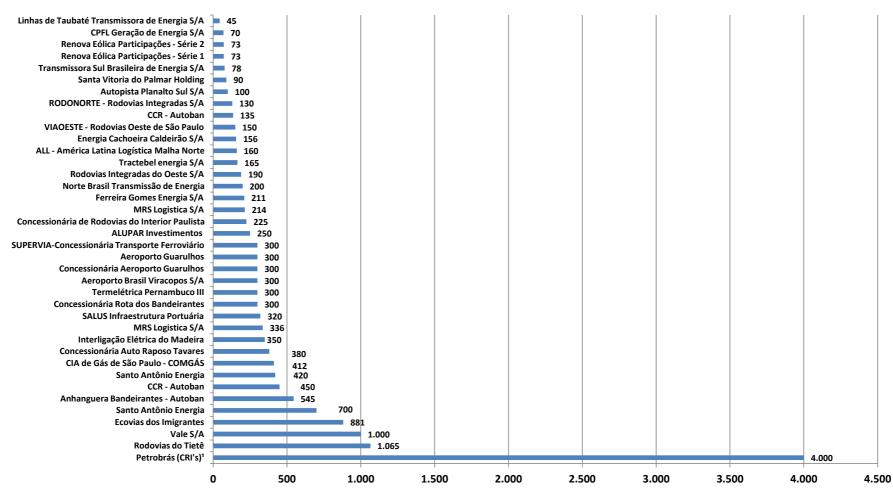
Source : Brazilian Securities Commission - CVM

Elaborated by ASSEC/SEAE/MF

- (1) FIP-IE: Investment Fund (investment in infrastructure) and FIP-PD & I: Investment Fund for Participation in Research, Development and Innovation-Intensive Economic Production.
- (2) (i) The FIP-IE and FIP-PD&I must have a minimum of 5 quota holders and no quota holder may hold morre than 40% of the quotas issued by Fund (FIP-IE or FIP-PD&I) or earnings above 40% of the fund's earnings.
  - (ii) The FIP-IE and FIP-PD&I must be closed-end fund.
- (iii) The FIP-IE and FIP-PD&I must maintain a minimum of 90% of its net worth invested in shares, subscription bonds, debentures (convertible or not into shares) or other bonds issued by either a publicly ou closely-held company.
  - (iv) The company must be aware of infrastructure projects related to the energy, transportation, water and sewage treatment, and irrigation se ctors.
  - (v) The FIP-IE and the FIP-PD&I must participate in in the decision-making process of the issuer company with effective influence on the definition of its strategic policy and management.
  - (vi) Taxes: exemption for individuals and 15% rate for companies.



# Debentures - DI 's and CRI 's Infrastructure (Article 2 and 3) Law # 12,431/2011 - Volume (R\$ million) Sep/2012 to June/2015



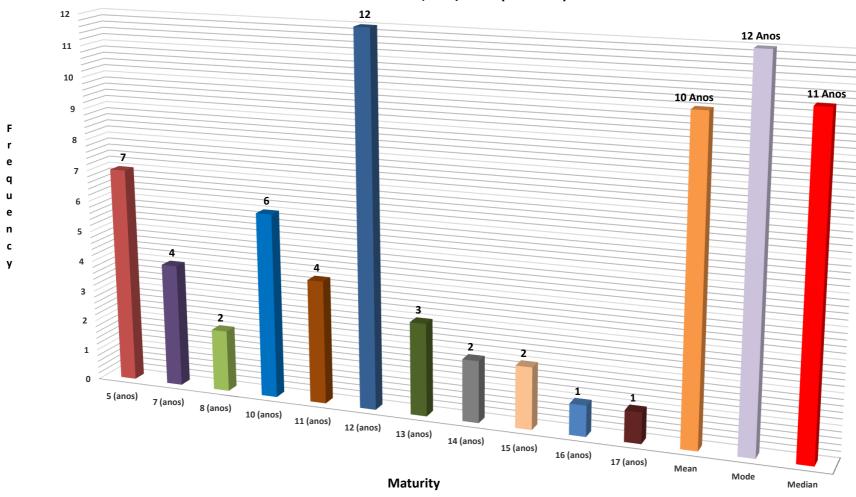
Source : ANBIMA , Debentures Agreements and Terms of Securitization of Real Estate Credit Elaborated by ASSEC/SEAE/MF

#### Note:

(1) Operations backed by real estate receivables owed by Petrobras Banco Bank.



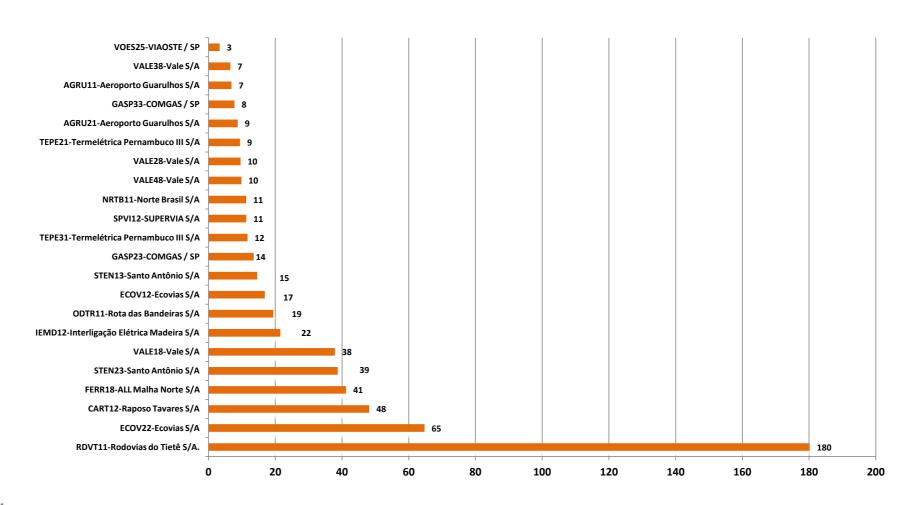
# Infrastructure Debentures Issued (in years) between 2012 and 2015 by Maturity Law # 12,431 /2011 (Article 2).



Source: Source : Scripture of the Debentures Elaborated by ASSEC/SEAE/MF



# Interest paid on Infrastructure Bonds (Debentures) between January/2013 and June/2015 - Law # 12,431/2011 (Article 2) - (R\$ million)



Source: ANBIMA

Elaborated by ASSEC/SEAE/MF

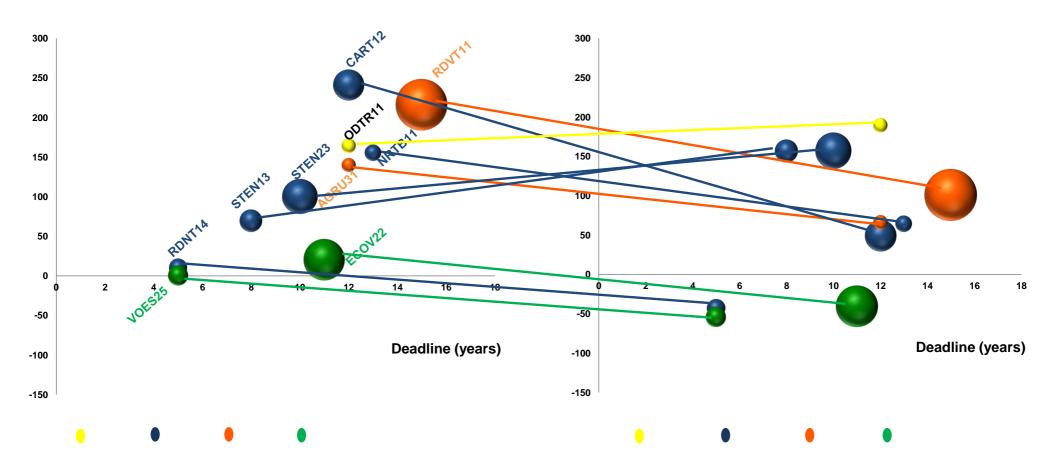


## Infrastructure Debenture Spread Comparison - Primary<sup>1</sup> Market vs. Secondary<sup>2</sup> Market

Focus is on Infrastructure Debenture - Article 2 of Law # 12,431/2011

Primary Market (NTNB3 +/- bps)

Secondary Market (NTNB +/- bps)



Source : ANBIMA Elaborated by ASSEC/SEAE/MF

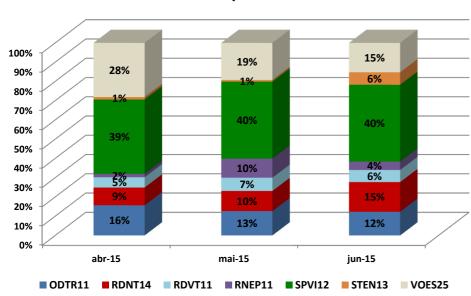
#### Note

- (1) Bookbuilding process defines the final interest rate.
- (2) Rate observed in secondary market considers the average premium over NTN-B duration equivalent of negotiations held June 1 through 30, 2015.

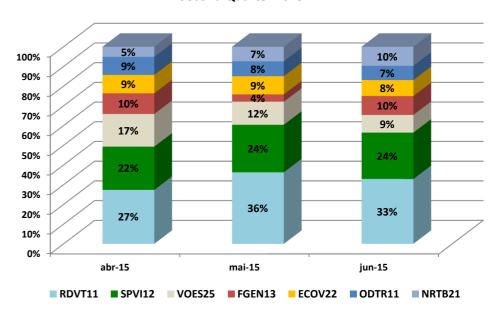


# Concentration on Highly Liquid Assets - Volume / Number of Trades - Second Quarter 2015 - (Scarce Assets) (Top 7 - SEVEN + TRADED)

Concentration on Highly Liquid Assets - Volume Second Quarter 2015



Concentration of Highly Liquid Assets - Number of Trades
Second Quarter 2015



Source: ANBIMA, CETIP, Bovespa Elaborated by ASSEC/SEAE/MF

#### Note:

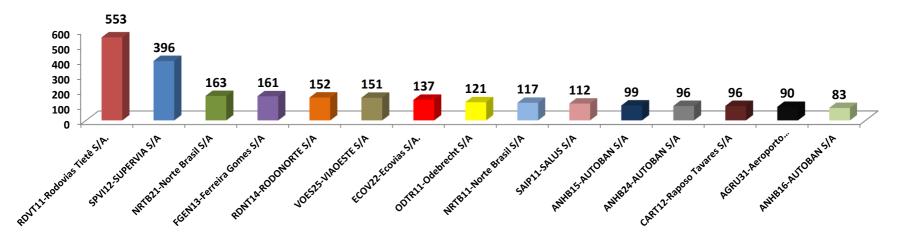
Selection of 7 Asset most traded in the 2 quarter of 2015 by volume and number of trades.



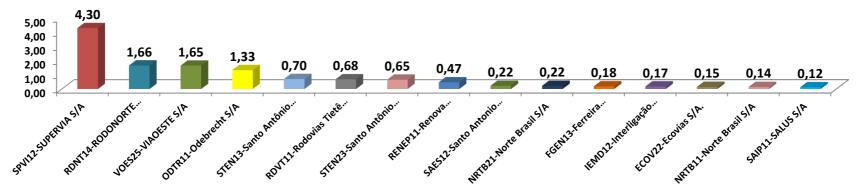
# **Secondary Market - Number and Volume Traded - June 2015**

Debentures Infrastructure - Law # 12,431/2011 (Article 2)

#### Number of Trades - 15+ Traded



## Volume (R\$ million) - 15 + Traded



Source : ANBIMA and CETIP Elaborated by ASSEC/SEAE/MF

#### Note:

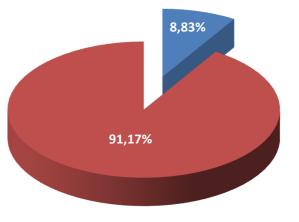
Includes Intra-group and Extra-group transations (Without Leasing.



#### **Debentures Secondary Market - Trading Volume and Turnover**

Trading Volume (R\$ million) 1											
Daviad		Debentures		Infrastructur	Infrastructure Debentures-Law # 12,431/11 <sup>2</sup>						
Period	Trading	Market	Turnover	Trading	Market	Turnover	Trading Volumes				
	Volume	Volume	Turnover	Volume	Volume <sup>3</sup>	Turnover	volumes				
2013/06	874.5	205,152.0	0.43%	104.1	2,261.3	4.60%	978.6				
2013/07	930.8	205,536.1	0.45%	873.8	3,330.2	26.24%	1,804.6				
2013/08	1,358.6	184,481.0	0.74%	281.7	1,001.7	28.13%	1,640.3				
2013/09	757.9	206,952.2	0.37%	217.2	3,379.4	6.43%	975.1				
2013/10	12,330.9	212,517.3	5.80%	397.1	4,296.5	9.24%	12,728.0				
2013/11	2,266.0	208,593.9	1.09%	147.3	4,684.8	3.14%	2,413.3				
2013/12	1,558.6	209,751.6	0.74%	223.5	4,959.9	4.51%	1,782.1				
2014/01	5,081.3	211,176.1	2.41%	182.8	5,033.7	3.63%	5,264.1				
2014/02	1,546.7	212,697.7	0.73%	700.5	6,268.1	11.18%	2,247.2				
2014/03	769.9	217,418.8	0.35%	314.4	6,623.9	4.75%	1,084.3				
2014/04	2,590.0	199,650.2	1.30%	476.5	7,348.4	6.48%	3,066.5				
2014/05	1,537.7	205,964.1	0.75%	671.1	7,498.6	8.95%	2,208.8				
2014/06	1,878.4	215,957.1	0.87%	509.8	7,713.3	6.61%	2,388.2				
2014/07	1,189.0	219,982.3	0.54%	427.8	7,461.9	5.73%	1,616.8				
2014/08	1,834.7	228,295.6	0.80%	569.5	7,826.9	7.28%	2,404.2				
2014/09	16,653.4	228,934.5	7.27%	463.5	7,874.4	5.89%	17,116.9				
2014/10	2,920.9	275,085.8	1.06%	318.9	9,525.4	3.35%	3,239.8				
2014/11	1,927.5	231,398.3	0.83%	345.3	9,301.4	3.71%	2,272.8				
2014/12	1,570.1	237,340.3	0.66%	383.4	9,870.8	3.88%	1,953.5				
2015/01	893.0	238,456.6	0.37%	435.2	10,032.9	4.34%	1,328.2				
2015/02	1,212.4	236,159.1	0.51%	333.6	10,400.4	3.21%	1,546.0				
2015/03	1,126.4	237,120.2	0.48%	617.7	11,317.2	5.46%	1,744.1				
2015/04	2,199.7	234,753.9	0.94%	640.9	11,686.4	5.48%	2,840.6				
2015/05	18,772.4	234,618.6	8.00%	537.3	11,654.6	4.61%	19,309.6				
2015/06	24,779.1	259,766.2	9.54%	347.5	12,077.3	2.88%	25,126.6				

Trading Volume - June/2013 to June/2015



■ Infrastructure Debentures ■ Debentures

Source: ANBIMA

Elaborated by ASSEC/SEAE/MF

#### Note:

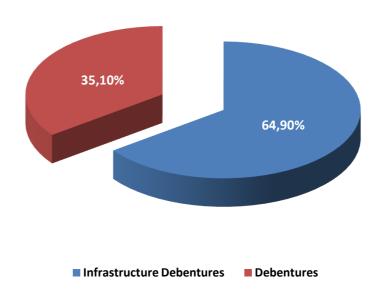
(1) Type of transation (Intra-group and Estra-group): The intra-group transations are negotiated between institutions belonging to the same financial conglomerate and extra-group transations are negotiated between participants of different conglomerates and among participants with clients who are not part of the ANBIMA REUNE system. Leasing debentures are not considered. (2) Financial trading Volume of infrastructure debentures.



#### **Infrastructure Debentures Secondary Market - Share of Trades**

	Share	of Trades <sup>1</sup>	
Period	Debentures	Infrastructure debentures- Law # 12,431/11 <sup>2</sup>	Share Total of Trades
	Share of Trades	Share of Trades	
2013/06	1,298	452	1,750
2013/07	1,444	3,294	4,738
2013/08	1,410	1,456	2,866
2013/09	1,074	811	1,885
2013/10	1,242	1,251	2,493
2013/11	1,246	850	2,096
2013/12	1,166	2,357	3,523
2014/01	1,294	1,528	2,822
2014/02	1,479	3,760	5,239
2014/03	984	1,863	2,847
2014/04	1,295	2,153	3,448
2014/05	1,166	3,843	5,009
2014/06	941	2,415	3,356
2014/07	1,155	2,923	4,078
2014/08	1,397	2,860	4,257
2014/09	1,642	2,460	4,102
2014/10	1,546	2,077	3,623
2014/11	1,108	2,084	3,192
2014/12	1,113	2,678	3,791
2015/01	1,188	2,072	3,260
2015/02	1,269	2,263	3,532
2015/03	1,134	4,120	5,254
2015/04	1,641	3,811	5,452
2015/05	1,449	3,357	4,806
2015/06	1,795	3,311	5,106

Share of trades - June/2013 to June/2015



Source: ANBIMA

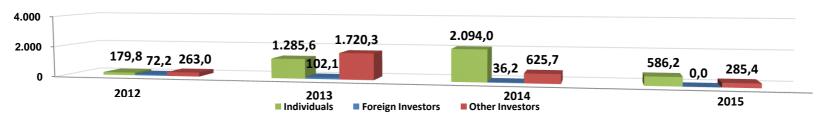
Elaborated by ASSEC/SEAE/MF

#### Note

(1) Type of transation (Intra-group and Estra-group): The intra-group transations are negotiated between institutions belonging to the same financial conglomerate and extra-group transations are negotiated between participants of different conglomerates and among participants with clients who are not part of the ANBIMA REUNE system. Leasing debentures are not considered. (2) Share of trades: infrastructure debentures.



#### Breakdown by Type of Investor (R\$ Million ) - ICVM 400 - Article 2 Law # 12,431/2011

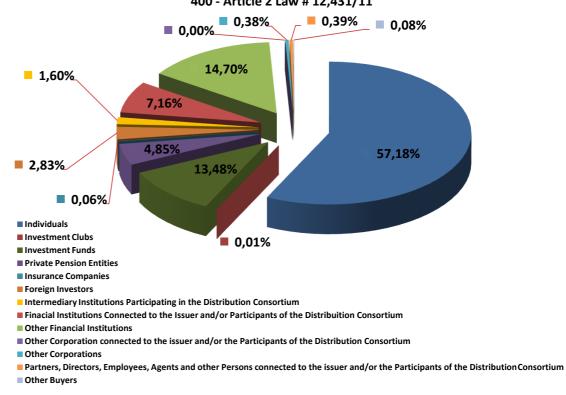


Summary: Infrastructure Debentures (R\$ Million) - Portfolio Allocation (%) - ICVM 400 - Article 2 Law # 12,431/11.

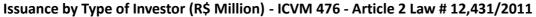
Investidor	R\$	%
Individuals	4,145.56	57.18%
Investment Clubs	0.40	0.01%
Investment Funds	780.37	10.76%
Private Pension Entities	351.46	4.85%
Insurance Companies	4.68	0.06%
Foreign Investors	205.28	2.83%
Intermediary Institutions	203.28	2.63/6
Participating in the Distribution Consortium	115.93	1.60%
Finacial Institutions Connected to the Issuer and/or Participants of the Distribuition Consortium	518.81	7.16%
Other Financial Institutions	1,065.88	14.70%
Other Corporation connected to the issuer and/or the Participants of the Distribution Consortium	0.01	0.00%
Other Corporations	27.61	0.38%
Partners, Directors, Employees, Agents and other Persons connected to the issuer and/or the Participants of the Distribution Consortium	28.24	0.39%
Other Buyers	6.09	0.08%
Total	7,250.33	100.00%

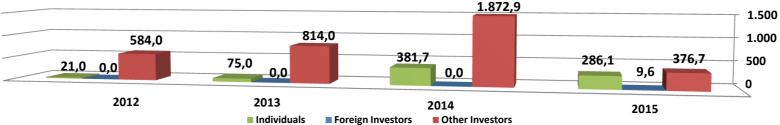
Source : ANBIMA, Leading Banks and closing announcement Elaborated by ASSEC/SEAE/MF

Breakdown of Brazilian Projects that have issued Infrastructure Bond (Debentures) ICVM 400 - Article 2 Law # 12,431/11









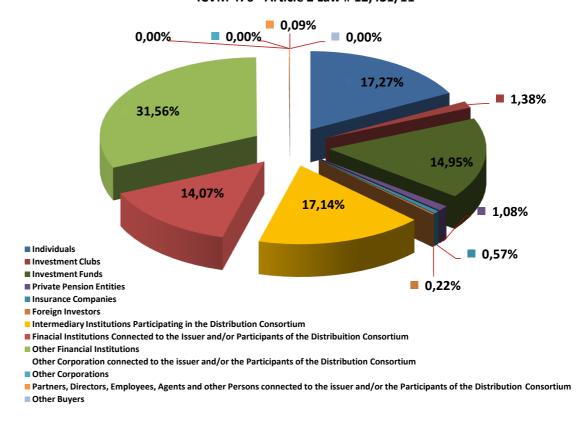
Summary: Infrastructure Debentures (R\$ Million) - Portfolio Allocation - ICVM 476 - Article 2 Law # 12.431/11

Alticle 2 Law	12,431,13	
Investidor	R\$	%
Individuals	763.76	17.27%
Investment Clubs	61.10	1.38%
Investment Funds	734.97	16.62%
Private Pension Entities	47.62	1.08%
Insurance Companies	25.00	0.57%
Foreign Investors	9.61	0.22%
Intermediary Institutions	757.87	17.14%
Finacial Institutions Connected to the Issuer and/or Participants of the Distribuition Consortium	621.90	14.07%
Other Financial Institutions	1,395.42	31.56%
Other Corporation connected to the issuer and/or the Participants of the Distribution Consortium	0.00	0.00%
Other Corporations	0.00	0.00%
Partners, Directors, Employees, Agents and other Persons connected to the issuer and/or the Participants of the Distribution Consortium	4.00	0.09%
Other Buyers	0.00	0.00%
Total	4,421.25	100.00%

Source : ANBIMA, Leading Banks and closing announcement

Elaborated by ASSEC/SEAE/MF

Breakdown of Brazilian Projects that have issued Infrastructure Bond (Debentures) ICVM 476 - Article 2 Law # 12,431/11

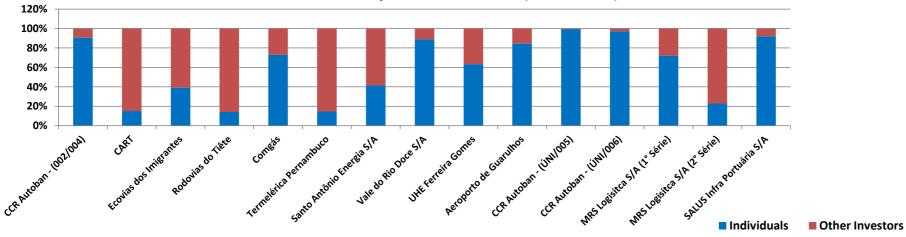




# Demand for Individuals - Article 2 of Law # 12,431/2011 Infrastructure Debentures - Only Issuance ICVM 400 (% of volume issued)

Infrastructure Debentures	Individuals	Other Investors	Total
CCR Autoban - (002/004)	90.57%	9.43%	100%
CART	15.13%	84.87%	100%
<b>Ecovias dos Imigrantes</b>	39.07%	60.93%	100%
Rodovias do Tiête	14.03%	85.97%	100%
Comgás	73.03%	26.97%	100%
Termelérica Pernambuco	14.51%	85.49%	100%
Santo Antônio Energia S/A	41.38%	58.62%	100%
Vale do Rio Doce S/A	88.87%	11.13%	100%
UHE Ferreira Gomes	63.26%	36.74%	100%
Aeroporto de Guarulhos	84.37%	15.63%	100%
CCR Autoban - (ÚNI/005)	99.46%	0.54%	100%
CCR Autoban - (ÚNI/006)	97.08%	2.92%	100%
MRS Logisitca S/A (1° Série)	71.99%	28.01%	100%
MRS Logisitca S/A (2° Série)	22.82%	77.18%	100%
SALUS Infra Portuária S/A	91.96%	8.04%	100%

#### Infrstructure Debentures - Only Issuance ICVM 400 (% of volume)



Source: ANBIMA Elaborated by ASSEC/SEAE/MF



#### Approved Projects up to June 2015 - Article 2 Law # 12,431/2011

(Includes projects having or not having issued infrastructure Debentures)

	<u></u>				t naving issued ii					
Ministry Sectors	Approved Projects: 2012	Investments Million 2012	Approved Projects: 2013	Investments Million 2013	Approved Projects: 2014	Investments Million 2014	Approved Projects: 2015	Investments Million 2015	Total Approved Projects¹	Total Investments BRL Million
Transport	3	5,550.60	6	13,353.72	7	9,174.11	7	12,390.05	23	40,468.48
Toll Road	2	4,078.16	5	9,703.32	5	6,480.92	7	12,390.05	19	32,652.45
Railways	1	1,472.44	1	3,650.40	2	2,693.19	0	0.00	4	7,816.03
Mines and Energy	12	45,835.64	74	40,329.64	90	43,401.65	49	9,301.84	225	138,868.77
Electric Power Transmission Line	3	1,329.55	9	2,824.53	2	592.02	4	263.95	18	5,010.05
<b>Hydroeletric Power Plants</b>	4	44,062.49	2	19,028.55	5	3,740.52	2	2,292.95	13	69,124.51
Thermoelectric	0	0.00	5	4,123.85	1	1,111.06	2	2,130.41	8	7,365.32
Small Hydro	0	0.00	1	125.48	1	68.54	2	307.54	4	501.56
Gas	0	0.00	1	2,033.52	0	0.00	0	0.00	1	2,033.52
Wind Farms	5	443.60	55	5,193.71	80	7,889.51	39	4,306.99	179	17,833.81
Pipelines	0	0.00	1	7,000.00	0	0.00	0	0.00	1	7,000.00
Oil	0	0.00	0	0.00	1	30,000.00	0	0.00	1	30,000.00
Comunications	0	0.00	1	800.00	2	1,605.00	0	0.00	3	2,405.00
Data communication broadband	0	0.00	1	800.00	2	1,605.00	0	0.00	3	2,405.00
Cities	0	0.00	0	0.00	0	0.00	2	405.95	2	405.95
Water and Sewerage	0	0.00	0	0.00	0	0.00	2	405.95	2	405.95
Civil Aviation Secretariat	0	0.00	0	0.00	2	8,887.90	0	0.00	2	8,887.90
Airports	0	0.00	0	0.00	2	8,887.90	0	0.00	2	8,887.90
Secretariat of Ports	0	0.00	0	0.00	2	2,551.74	0	0.00	2	2,551.74
Ports	0	0.00	0	0.00	2	2,551.74	0	0.00	2	2,551.74
Total	15	51,386.24	81	54,483.36	103	65,620.40	58	22,097.84	257	193,587.84

**Source: Ministerial Orders and Related Entities** 

Elaborated by ASSEC/SEAE/ MF

<sup>(1)</sup> Rulings Edited: 261; Cancelled ordinances and reissued: 04; Existing ordinances: 257.



## Approved Projects up to June 2015 - Article 2 Law # 12,431/2011.

(Includes only projects that have issued Infrastructure Debentures)

Sectors	Approved Projects: 2012	Investments Million 2012	Approved Projects: 2013	Investments Million 2013	Approved Projects: 2014	Investments Million 2014	Approved Projects: 2015	Investments Million 2015	Total Approved Projects	Total Investments Million
Toll Road	2	4,078.16	4	9,204.70	5	6,480.92	2	422.36	13	20,186.14
Railways	1	1,472.44	1	3,650.40	2	2,693.19	0	0.00	4	7,816.03
Electric Power Transmission Line	1	248.00	5	1,638.36	1	412.02	2	121.00	9	2,419.38
Hydroeletric Power Plants	2	14,200.76	0	0.00	3	1,311.09	0	0.00	5	15,511.85
Thermoelectric	0	0.00	1	329.38	0	0.00	0	0.00	1	329.38
Small Hydro	0	0.00	0	0.00	0	0.00	2	129.00	2	129.00
Gas	0	0.00	1	2,033.52	0	0.00	0	0.00	1	2,033.52
Wind Farms	0	0.00	24	2,344.29	0	0.00	0	0.00	24	2,344.29
Pipelines	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00
Oil	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00
Data communication broadband	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00
Water and Sewerage	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00
Civil Aviation	0	0.00	0	0.00	2	8,887.90	0	0.00	2	8,887.90
Ports	0	0.00	0	0.00	1	320.89	0	0.00	1	320.89
Total	6	19,999.36	36	19,200.65	14	20,106.01	6	672.36	62	59,978.38

**Source: Ministerial Orders issued and Linked Entities** 

Elaborated by ASSEC/SEAE/MF



## Approved Projects up to June 2015 - Article 2 Law # 12,431/2011.

(Only includes projects that have not issued Debentures)

Sectors	Approved Projects: 2012	Investments Million 2012	Approved Projects: 2013	Investments Million 2013	Approved Projects: 2014	Investments Million 2014	Approved Projects: 2015	Investments Million 2015	Total Approved Projects	Total Investments Million
Toll Road	0	0.00	1	498.62	0	0.00	5	11,967.69	6	12,466.31
Railways	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00
Electric Power Transmission Line	2	1,081.55	4	1,186.17	1	180.00	2	142.95	9	2,590.67
Hydroelectric Power Plants	2	29,861.73	2	19,028.55	2	2,429.43	2	2,292.95	8	53,612.66
Thermoelectric	0	0.00	4	3,794.47	1	1,111.06	2	2,130.41	7	7,035.94
Small Hydro	0	0.00	1	125.48	1	68.54	0	178.54	2	372.56
Gas	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00
Wind Farms	5	443.60	31	2,849.42	80	7,889.51	39	4,306.99	155	15,489.52
Pipelines	0	0.00	1	7,000.00	0	0.00	0	0.00	1	7,000.00
Oil	0	0.00	0	0.00	1	30,000.00	0	0.00	1	30,000.00
Data communication broadband	0	0.00	1	800.00	2	1,605.00	0	0.00	3	2,405.00
Water and Sewerage	0	0.00	0	0.00	0	0.00	2	405.95	2	405.95
Civil Aviation	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00
Ports	0	0.00	0	0.00	1	2,230.85	0	0.00	1	2,230.85
Total	9	31,386.88	45	35,282.71	89	45,514.39	52	21,425.48	195	133,609.46

Source: Ministerial Orders issued and Linked Entities

Elaborated by ASSEC/SEAE/MF



## **Secretary for Economic Monitoring**

Paulo Guilherme Farah Corrêa

# **Deputy-Secretary of Regulation and Infrastructure**

Pablo Fonseca Pereira dos Santos

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Francisco Mendes de Alencar Filho Marco Antonio de Gouvêa Tadeu Luis Spohr



# **THANK YOU**

June 2015



