# IBI - THE INSTITUTE OF BRAZILIAN BUSINESS & PUBLIC MANAGEMENT ISSUES

#### SUSTAINABILITY AND RISK ANALYSES OF BRAZILIAN STATE'S DEBT REFINANCING LAW ON STATE OF RIO GRANDE DO SUL

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#### PRESENTATION SUMMARY

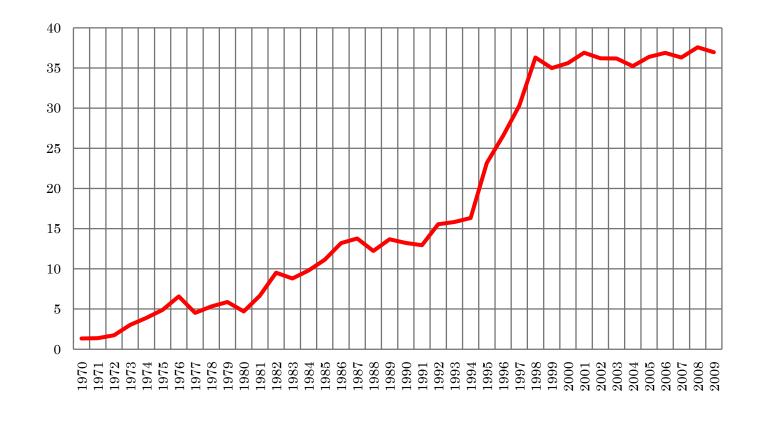
- Brazilian states' refinancing law backround
- RGS Debt Datas, information and current situation
- Sustainability theory and application on RGS State Debt
- Risk Analyses
- Final Considerations

### REFINANCING LAW - BACKGROUND

- Law 9496 "Program to Support Restructuring and Fiscal Adjustment of States" was negotiated in 1998
- Economic Environment Brazil Economic Stabilization Plan and Asia Crisis (high interest rate: confront inflation and maintain capital inflow)

# RGS TOTAL DEBT





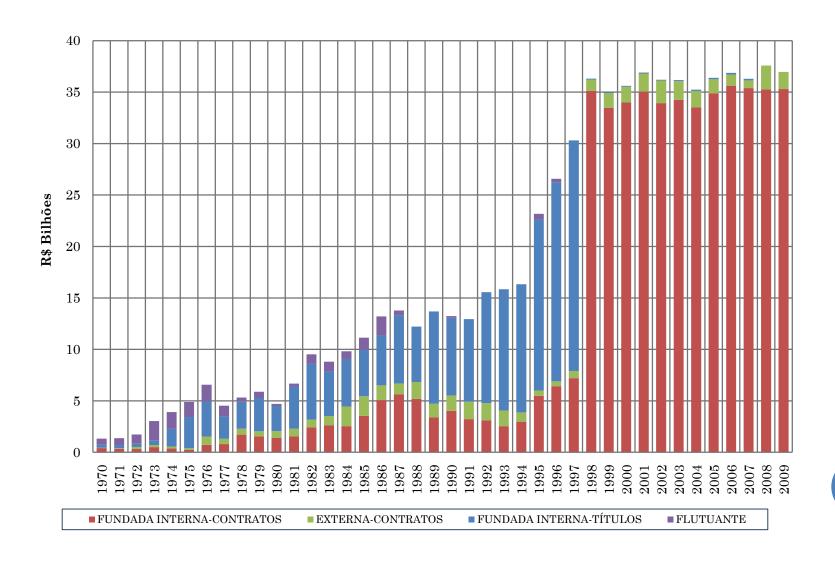
### REFINANCING LAW - AGREEMENT

- Federal governments assumed all states' bonds and changed by a single contract
- Debt Burdens negotiated:

"Original Installment - OI" "Debt Payment-DP"

• O I > DP Accumulate Residual

# RGS STATE DEBT: BONDS X CONTRATC



### Refinancing Law – Important Points

• Rigid and concentrated control by federal government on states 'debt

• Debt limits for states

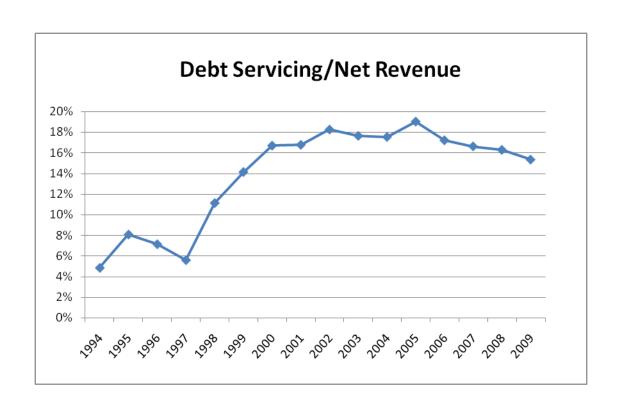
• Prohibited states to issue new bonds

# RGS DEBT: DATA AND INFORMATION STOCK

#### December 2009

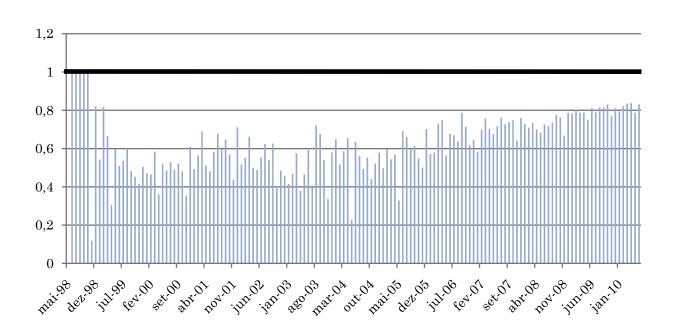
- RGS total debt R\$ 36,9 billions
- Refinancing law represents about 90% of total debt
- Residual represents 35% of total debt and 40 % of the refinancing law

# RGS DEBT: DATA AND INFORMATION DEBT PAYMENT



# RGS DEBT: DATA AND INFORMATION CURRENT SITUATION

• Ratio Ct = <u>Debt payment</u> Original Installment



### SUSTAINABILITY THEORY

• At least stabilize the ratio:

Total Debt
GDP

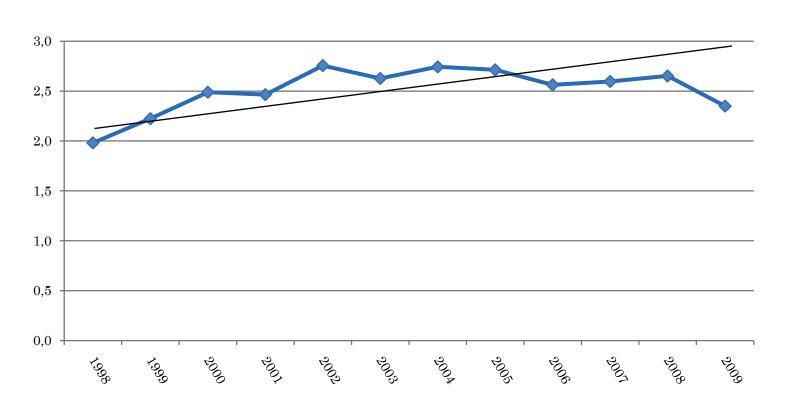
• In order to Law 9496 sustainability analysis:

Total Debt

Net Revenue

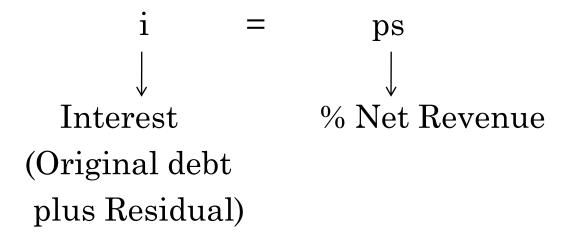
### SUSTAINABILITY THEORY: DEBT PATH

#### Ratio: law 9496 total debt/Net revenue



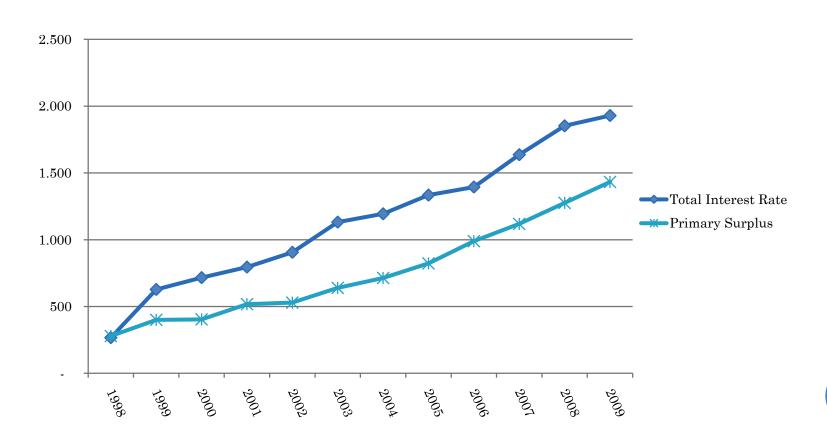
#### SUSTAINABILITY THEORY

• Budget Constraint and Debt Dynamic: Having a Primary Surplus (ps) equal to Interest Payments (i) guarantees the stock of debt will remain constant.



# SUSTAINABILITY THEORY

R\$ Primary Surplus and Interest Rate Millions

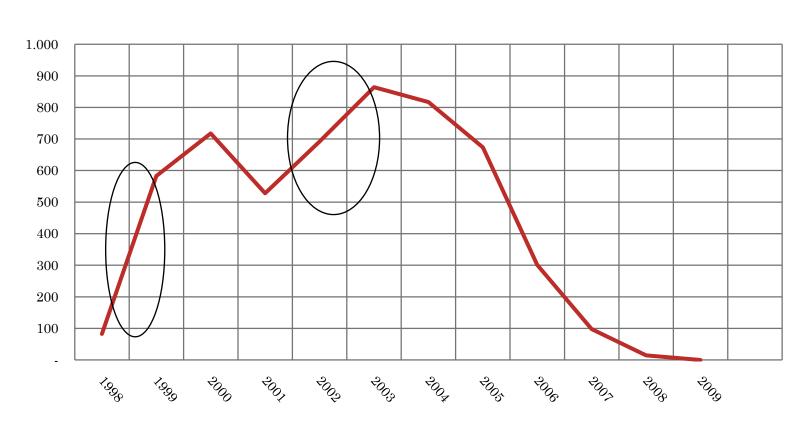


#### RISK ANALYSIS

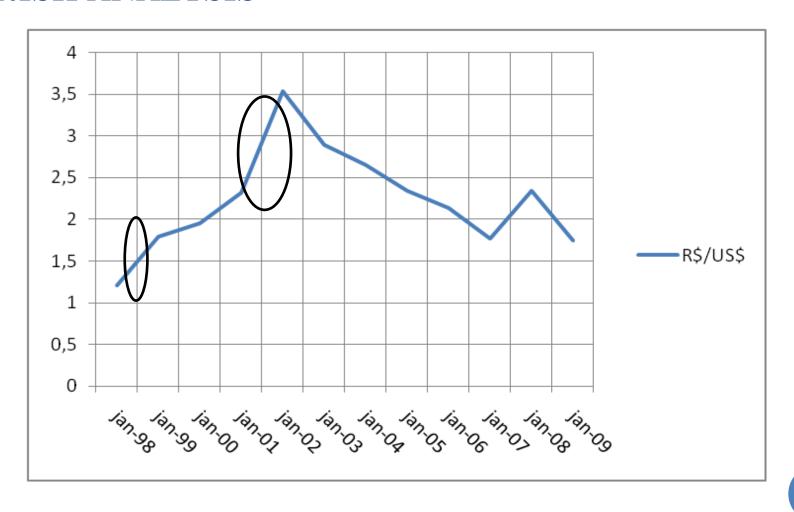
- Market Risk how much debt is sensitive to movements in prices such as interest rate, inflation index....
- RGS debt is so sensitive to IGP, which in turn is correlated with dolar and commodities.

### RISK ANALYSIS

#### No paid Interest Rate



# RISK ANALYSIS



#### FINAL CONSIDERATIONS

- Evidences of sustainability and risk problems on RGS debt (similar situation in other States).
- Debt burdens have not changed since the beggining of the refinancing law, while financial market is so dynamic.
- Oportunity to insert the states in the federal debt management strategy.