O Papel do Brasil no Cenário Mundial de Métricas

Oportunidades e Responsabilidades

Mauricio Aguiar

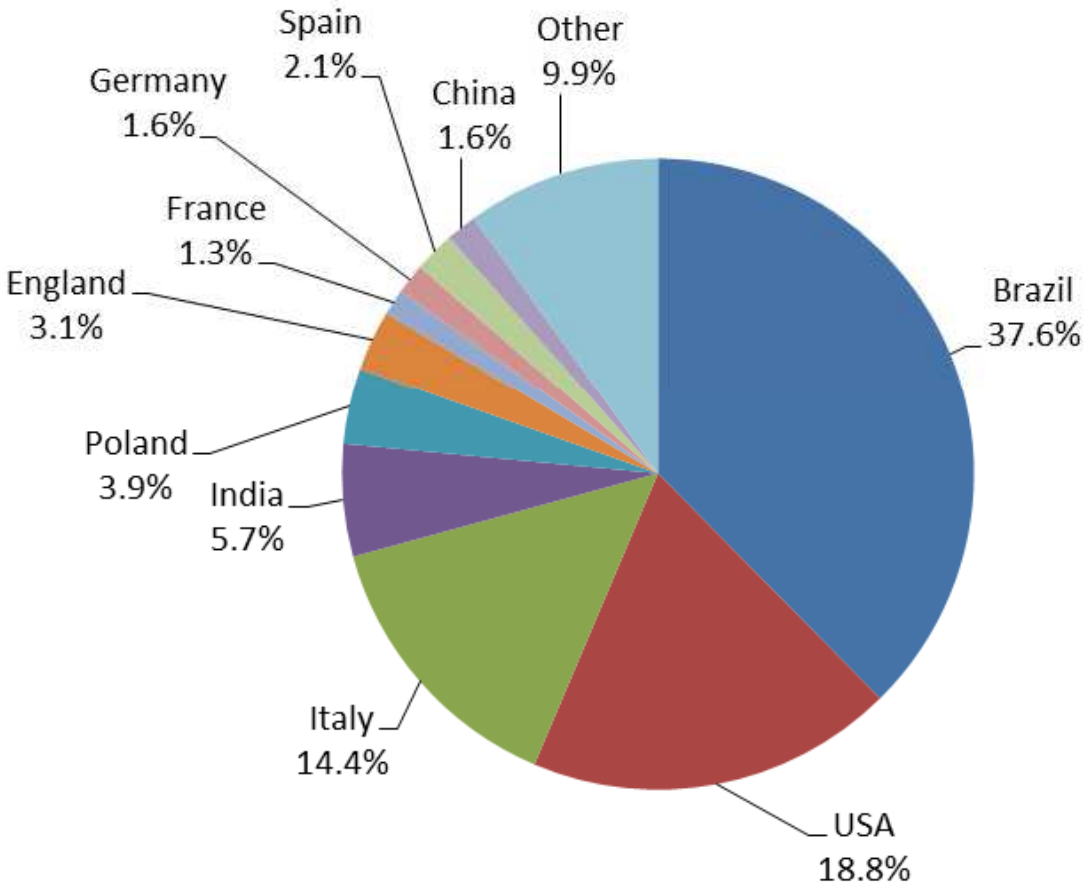
Agenda

- Uma Breve História da Medição de Software no Brasil
- Um Novo Brasil na Economia Mundial
- Participação Mundial de Brasileiros na Medição de Software
- Oportunidades e Responsabilidades

Uma Breve História da Medição de Software no Brasil

Ref.: http://www.metricas.com.br/downloads/
"When Metrics Mean Business – paper"

Brasil – Número 1 em Filiados ao IFPUG (IFPUG – agosto de 2012)



Breve História
A Primeira Onda

- 1989 – Primeira empresa brasileira filiada ao IFPUG (UNISYS)
- 1991 – Primeira conferência brasileira de APF
- 1992-1996 – mais 7 conferências
- 1996 – Primeiro exame CFPS no Brazil (3 CFPS)

GERENCIA DE SOFTWARE ATRAVES DE METRICAS

Formato: Livro
Autor: FERNANDES, AGUINALDO ARAGON
Idioma: PORTUGUES
Editora: ATLAS
Assunto:
Edição: 1ª
Ano: 1995
Encadernacao: BROCHURA

Breve História
A Segunda Onda

- BFPUG criado em 1998
- Exames CFPS locais de 2001 a 2007
- Exames CFPS automatizados desde 2008
- ISMA 5 no Brasil (São Paulo) em 2010
- Mais de 300 CFPS em 2012

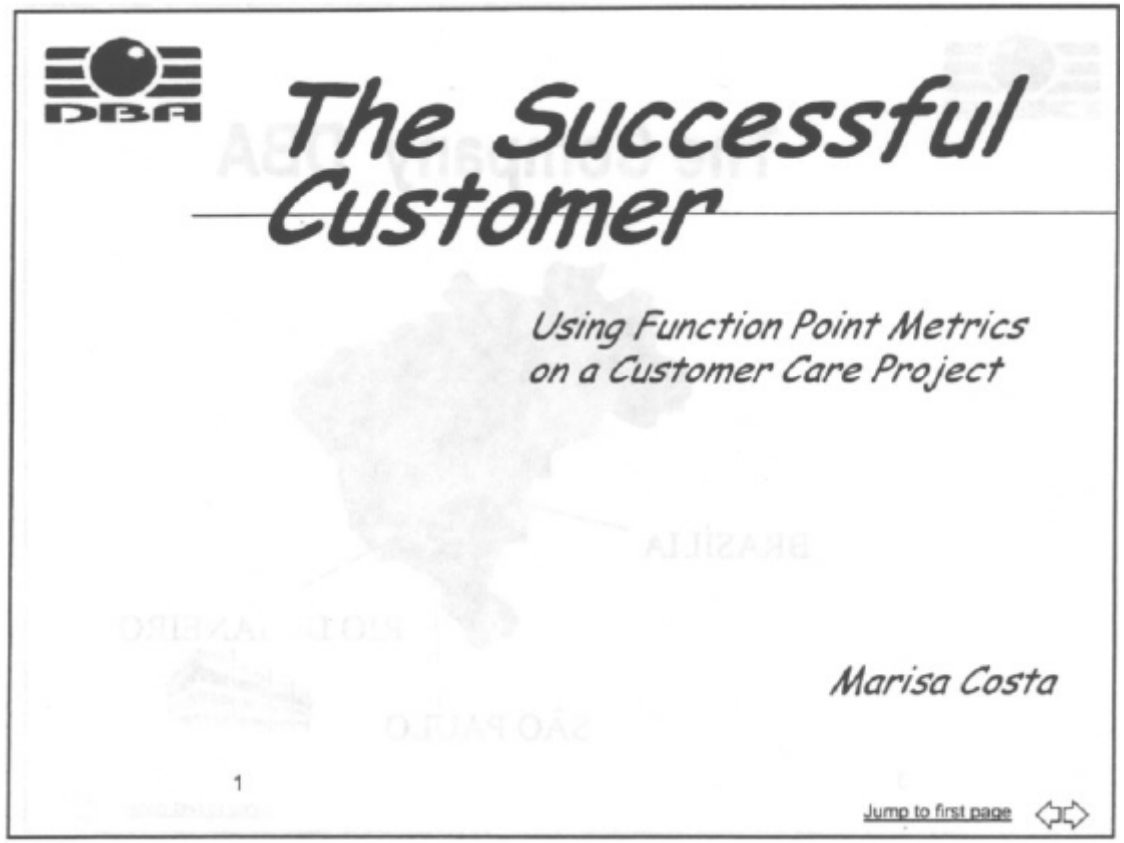
Breve História
A Terceira Onda?

- Mais organizações utilizam a medição funcional
- Os métodos IFPUG e COSMIC coexistem
- Métodos de medição não-funcionais começam a ser utilizados (SNAP? Outros?)
- Ferramentas sofisticadas entram em cena

Participação Mundial de Brasileiros na Medição de Software

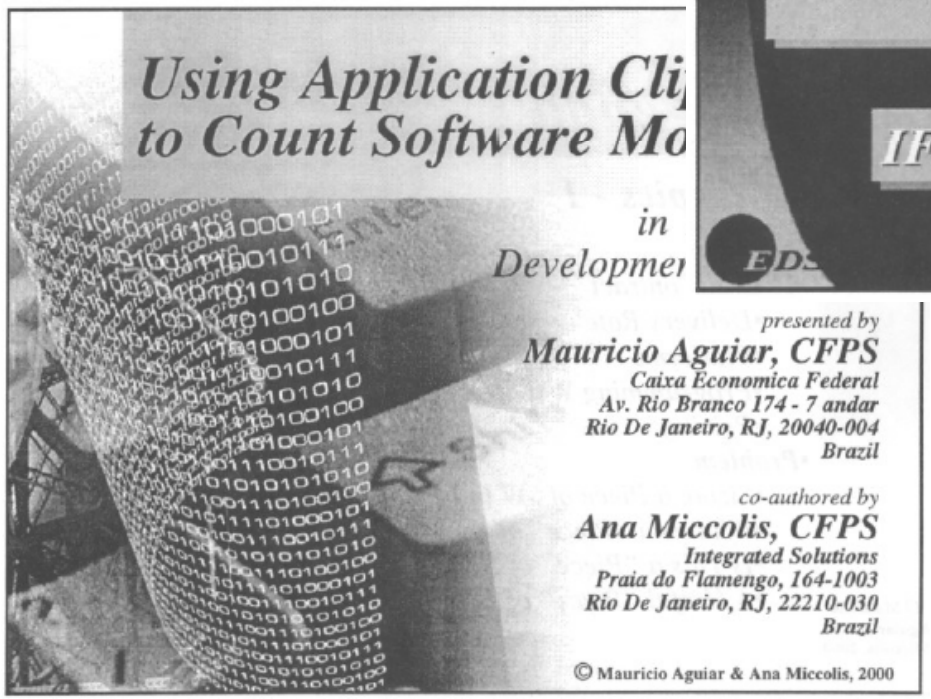
Brasileiros no IFPUG

- IFPUG, 1999



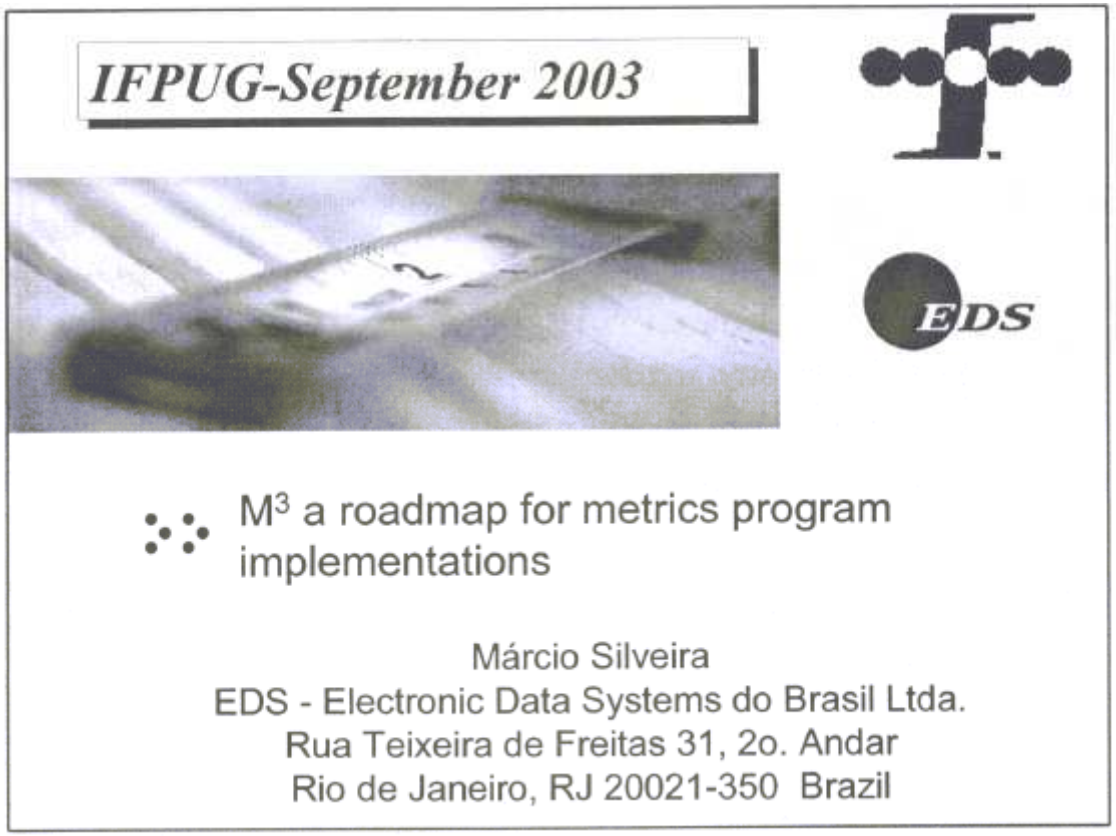
Brasileiros no IFPUG

- IFPUG, 2000



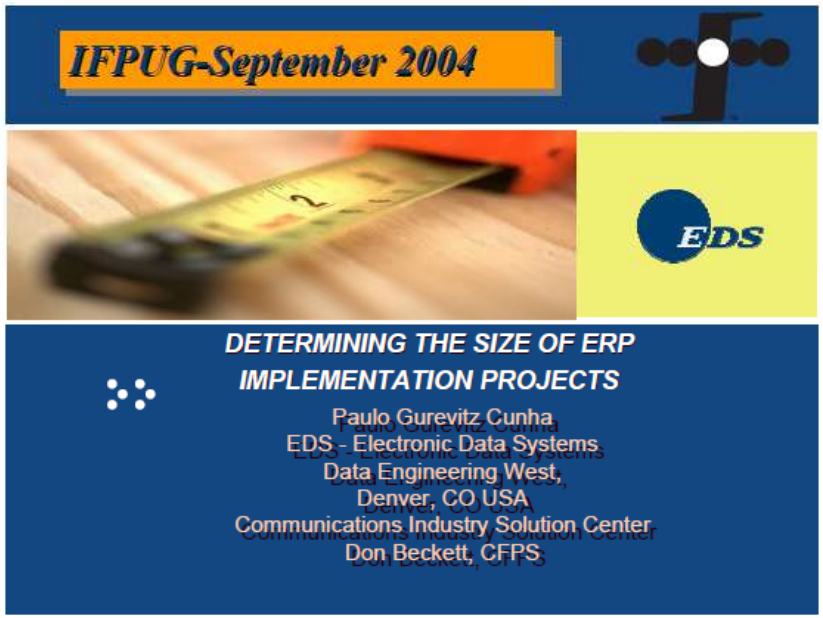
Brasileiros no IFPUG

- IFPUG, 2003



Brasileiros no IFPUG

- IFPUG, 2004



Brasileiros no IFPUG

- IFPUG, 2006

2006 Function Point Sizing Summit Conference

Cambridge, MA

29 March 2006

EDS

Function Points Audit Guidelines

Sérgio de Quintal Brigido
EDS – Electronic Data Systems
Rio de Janeiro ADU - Brazil

page 1

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Brasileiros no IFPUG

- IFPUG, 2008

How to Avoid Traps in Contracts for Software Factory Based on Function Metric

Claudia Hazan
Serviço Federal de Processamento de Dados (**SERPRO**)
SGAN Quadra 601 Modulo V
Brasilia, DF, CEP: 70836-900
BRAZIL

1

Monte Carlo, Resampling, And Other Estimation Tricks

Mauricio Aguiar
ti MÉTRICAS, President
IFPUG Immediate Past President

ti MÉTRICAS

ti MÉTRICAS

Brasileiros no IFPUG

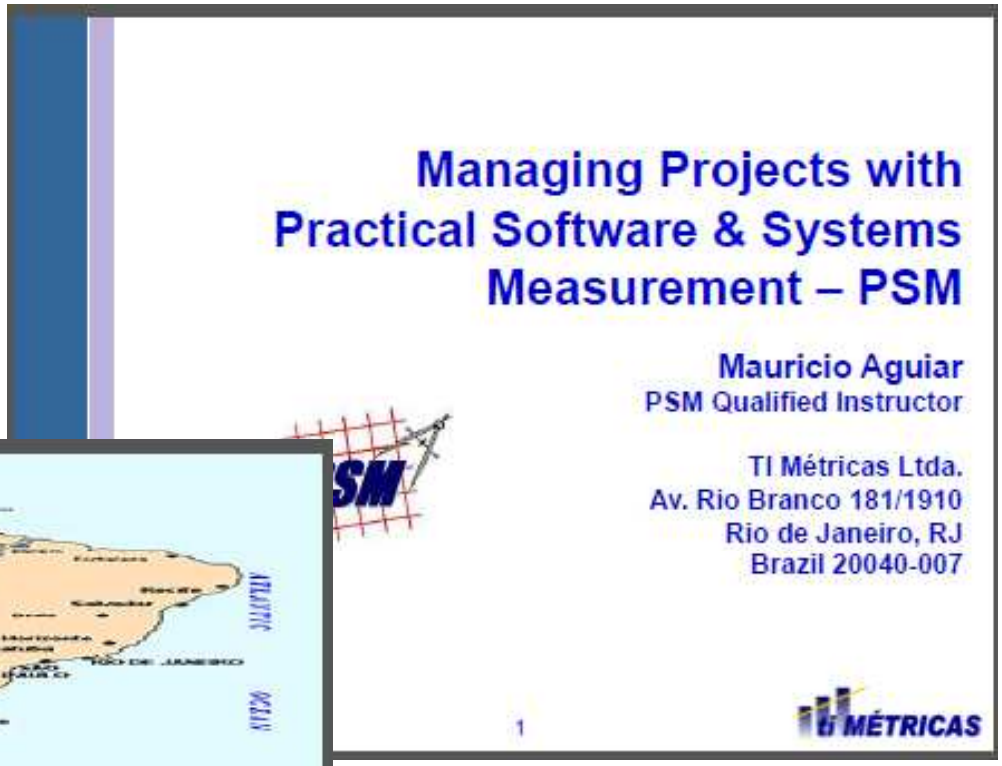
- IFPUG, 2009

Brasileiros no IFPUG

- IFPUG, 2010 (no Brasil)

Brasileiros no IFPUG

- IFPUG, 2011



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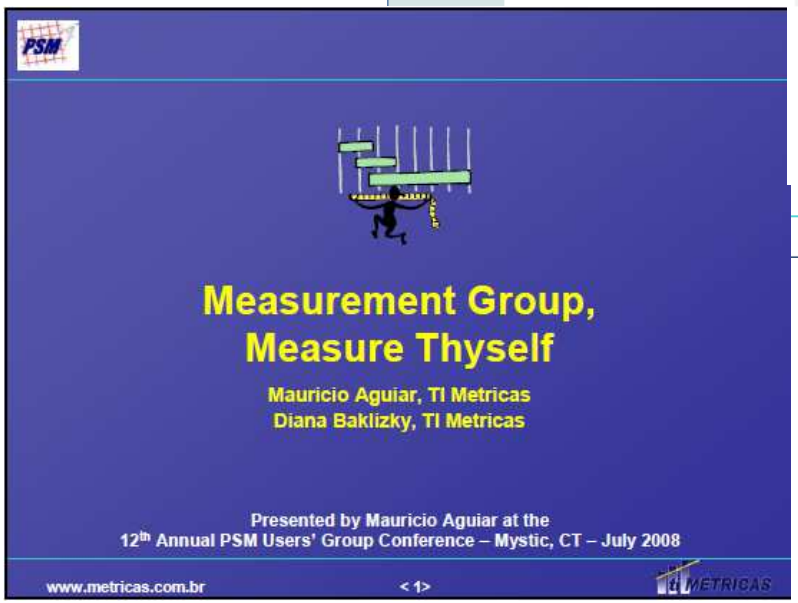
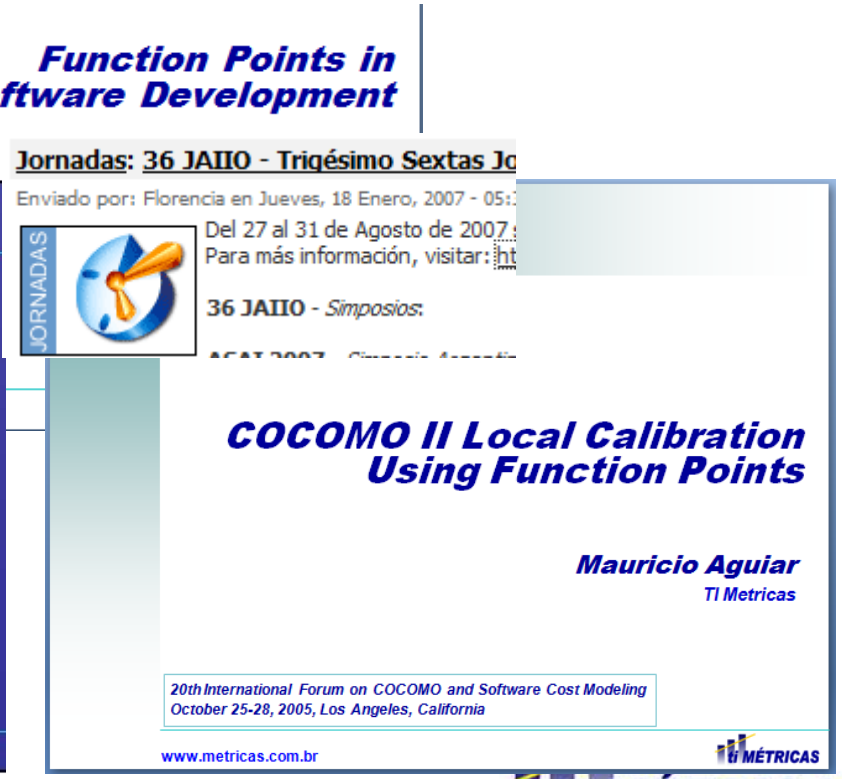
Brasileiros em Outros Eventos Mundiais Ligados a Métricas

17:30 a 17:50 **O gerenciamento da alteração de escopo na contratação externa de serviços de desenvolvimento/manutenção de software.** Angélica Toffano Seidel Calazans [1], Ricardo Ajax Dias Kosloski [2]. *([1]Faculdade de Tecnologia e Ciências Sociais Aplicadas FATECS – Centro Universitário de Brasilia, Uniceub, Brasilia –DF, [2]Departamento Engenharia de software – Universidade de Brasilia, Unb, Brasília)*





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Brasileiros em Outros Eventos Mundiais Ligados a Métricas

Eduardo Alves de Oliveira, Military Institute of Engineering (ME)

"Improving Your Development Process Using the Indicator of Productivity"

Manoel Abrantes Neto, Abrantes Soluções Ltda

"Registering Inputs for Counting Function Points in Systems Without Documentation in Brazil"

25 - 26 JUNE 2012

In alphabetic order presenters

1	**When metrics mean business** Mauricio Aguiar

IWSM MENSURA 2012

Session 5A: Measurement Programs, Case Studies and Short Papers #3

• Vazquez C.E., Simões G., Simões G. - *Function Points as Product Units – Case LG Sistemas*

Here are the list of accepted workshops (click on the workshops code for details):

- **W01 – PIFs for Projects** – *Measuring Performance Impact Factors for ICT Projects* (Co-organizers: G.Büren, T.Dekkers, T.Fehlmann, M.Aguiar, H. van Heeringen, E.Kranich, L.Santillo, N.Spies)

ti MÉTRICAS

Um Novo Brasil na Economia Mundial

Um Novo Brasil!

6 March 2012 Last updated at 17:49 GMT

4.5K Share

Brazil 'overtakes UK's economy'

COMMENTS (413)

Brazil has become the sixth-biggest economy in the world, the country's finance minister has said.

The Latin American nation's economy grew 2.7% last year, official figures show, more than the UK's 0.8% growth.

The National Institute of Economic and Social Research (NIESR) and other economic forecasters also said that Brazil had now overtaken the UK.

The Brazilian economy is still booming, despite the global economic slowdown

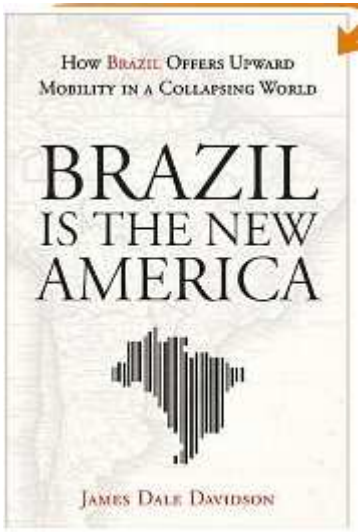
Commodity boom powers Brazil up economic world order

Growth slowed to 2.7% last year – but that was still enough to help Brazil overtake the UK as the world's 6th largest economy

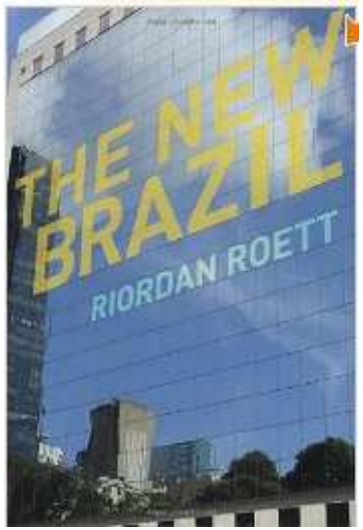
6 March 2012 19.11 GMT

An aerial view of Rio de Janeiro. Brazil's president described her country as a 'land of opportunities'. Photograph: Felipe Dana/AP

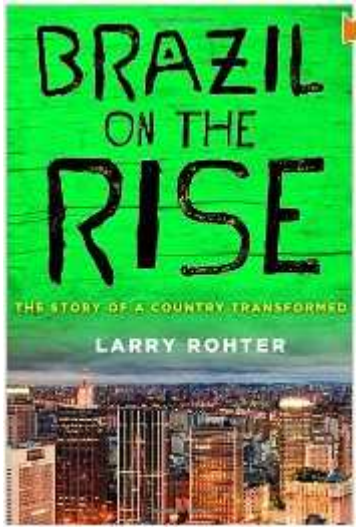
Um Novo Brasil



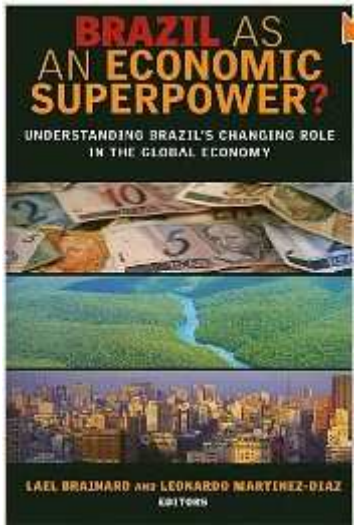
2012



2011



2012



2009

Fonte: Amazon.com

As the future of the American economy seems to get bleaker by the day, it is tempting to look abroad for business opportunities. Europe and Asia don't provide much hope, but what about somewhere that's both closer to home and sunny year-round? In *Brazil is the New America: How Brazil Offers Upward Mobility in a Collapsing World,* James D. Davidson shows that the current financial situation in Brazil is a haven for those looking to make money in a world in turmoil.

Um Novo Brasil?

Brazil's Influence Is Nominal, at Best

Carlos Pio is a professor of international political economy at the Universidade de Brasilia and at the Australian National University in Canberra.

UPDATED AUGUST 2, 2012, 3:14 PM

Brazil has become an important player in global governance for neither the size of its economy, even though it is the sixth largest, nor its conventional power resources. Its rise is almost solely because of the quality of the country's diplomats, who were able to consistently frame the perceptions of their counterparts in multiple arenas in a way that brings Brazil to the high table of global politics.

As the data indicates, the alleged dynamism of Brazil's economy isn't convincing. Yes, some firms -- like Petrobras, Vale, Embraer, JBS Beef and Ambev -- are deemed to be global competitors in their fields.

The irony is that those traditional exports are neither favored by government expenditures or infrastructure regulations, nor induced to increase value added, given the country's chaotic tax regime.

Many Brazilians seem convinced that the country should move out of traditional exports and into more sophisticated goods. Unfortunately, the prevailing mind-set in the last 70 years -- with a short interval in the mid-1990s -- tells the government to pick winners and nurse them with a recipe of trade protection, tax breaks and loads of subsidized credit.

Oportunidades e Responsabilidades

Oportunidades e Responsabilidades

Oportunidades Individuais

- Conhecer o estado mundial da arte
- Conhecer os especialistas mundiais
- Utilizar soluções de qualidade global
- Aumentar sua empregabilidade
- Influir nas soluções e decisões
- Visitar, aprender
- Usufruir da nova imagem do Brasil

Oportunidades e Responsabilidades
Responsabilidades Individuais

- Estudar sempre e mais
- Criar ao invés de copiar
- Respeitar a propriedade intelectual
- Compartilhar as descobertas
- Participar ativamente do mercado global
- Aprender inglês
- Zelar pela imagem do Brasil
- Assumir a **responsabilidade** por seu destino

Oportunidades e Responsabilidades

Oportunidades Governamentais

- Melhorar a imagem do país
- Aumentar a participação do trabalho intelectual no PIB
- Influenciar as decisões mundiais
- Conseguir melhores acordos políticos e econômicos

Brazil: a Bric to build with

Brazil now has a larger total GDP than the UK and has something other nations look for in vain: sustained leadership

Editorial
The Guardian, Sunday 10 June 2012 22.18 BST

Not only should Brazil have a permanent seat on the security council, it is the best argument for security council reform and other attempts to make the international system more representative.

Oportunidades e Responsabilidades
Governamentais

- Responsabilidades
  - Valorizar o mérito e as conquistas intelectuais
  - Investir e facilitar o acesso à educação e ao trabalho intelectual
    - Na escola e na universidade
    - Na iniciativa privada
  - Respeitar os valores, cultura e legislação dos outros países

Agradecemos a sua participação

info@metricas.com.br