



# LAMNET D@tabase



## Current Status – Future Issues

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3<sup>rd</sup> LAMNET Workshop Brasilia, 2-4 December 2002

**WIP**



## Contents:

- Issues of the LAMNET Database
- Technical Details and Implementation
- Future Development

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## Issues of the LAMNET Database:

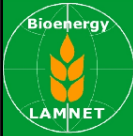
- Enhanced Comparability
- Long Term Accessibility
- Simple Operation

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LAMNET D@tabase - Microsoft Internet Explorer

Adresse <http://www.bioenergy-lamnet.org/database/>



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Latin America Thematic Network on Bioenergy

**Brazil**



[Map](#)

[Country Study \(pdf-format\)](#)

Full Name	Federative Republic of Brazil - República Federativa do Brasil
Capital	Brasilia
Currency	Real
Language	Portuguese (official)
Land area	3 286.470 sq. mi (8 511 937 sq. km.)
Population	158 739 000


Internet

LAMNET D@t@base - Microsoft Internet Explorer

Adresse http://www.bioenergy-lamnet.org/database/

## LAMNET - D@t@base

Latin America Thematic Network on Bioenergy



[Map](#)

[Country Study \(pdf-format\)](#)

Full Name	Federative Republic of Brazil - República Federativa do Brasil
Capital	Brasília
Currency	Real
Language	Portuguese (official)
Land area	3.286.470 sq. mi (8.511.937 sq. km.)
Population	158.739.000

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## LAMNET - D@t@base

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### Energy consumption 2000 - Brazil

Electricity		Oil Products	
total	per capita	total	per capita
GWh*	kWh/inhab	1000 BOE*	BOE/inhab
359.000	2050	803.000	4,59

Natural Gas		Coal	
total	per capita	total	per capita
10E6 m³	m³/inhab	10³ tons	kg/inhab
9.900	60	21.314	120

\*please see Glossary

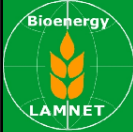
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## Energy trade 2000 - Brazil

Exports		Imports	
Oil	Oil products	Oil	Oil products
1000 bbl*/day	1000 bbl*/day	1000 bbl*/day	1000 bbl*/day
19,6	140,7	398,4	267,2

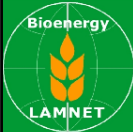
\*please see Glossary

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## Bioenergy 2001 - Brazil

### Sugar cane bagasse

quantity of raw material available	82,3 million tons
electricity generation capacity	1.000.000 kW
electricity generation	14.798 TJ
direct use from combustion	689.200 TJ
total energy production	723.702 TJ

### Wood residues

quantity of raw material available	2,2 million tons
electricity generation	1.505 TJ
direct use from combustion	19.443 TJ
total energy production	23.027 TJ

### Cane juice

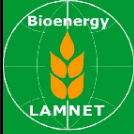
quantity of raw material available	89,4 million tons
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### Energy prices 2001 - Brazil

Domestic Fuels (US\$/Gallon*)			Gas (US\$/kg)	Electricity (US cent/kWh)		
Premium gasoline	Diesel Oil	Fuel Oil	all	Residential	Commercial	Industrial
2,63	1,25	0,62	0,69	9,38	8,18	4,32

\*please see Glossary



## Future Development:

- Completion of Data
- Update of Data
- Enlargement of Data



**!!! Comments and Input is welcome !!!**

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