

O banco nacional do desenvolvimento

Role of energy efficiency in securing affordability and access to energy in Brazil

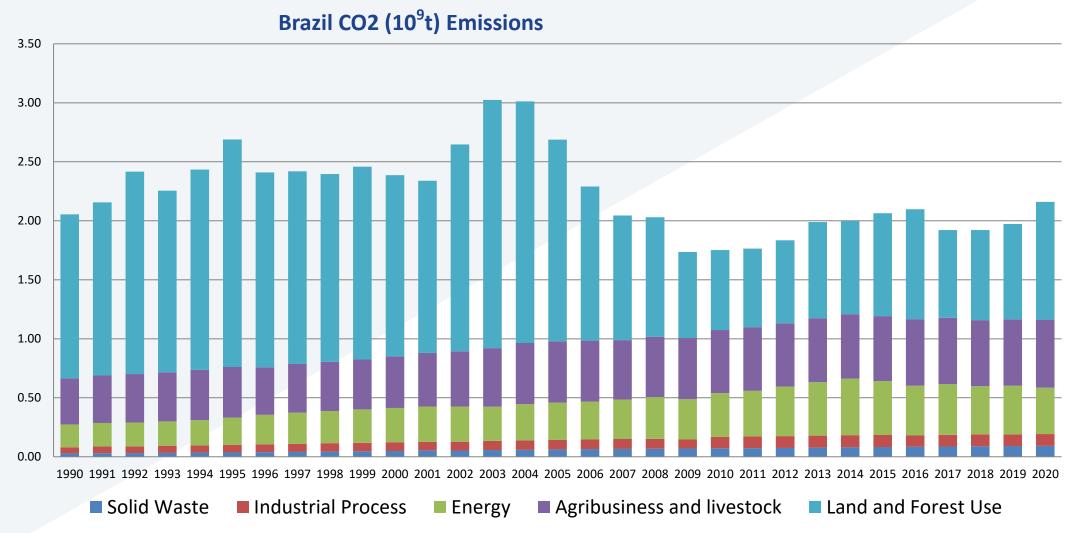
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May, 2022



Where we are?

• Brazil is the largest single energy consumer in South America - about 36% of total final energy consumption in the region.





What are the challenges, barriers and opportunities?

Challenges

Promote new standards for clean technologies

Improvements in transport infrastructure and public transport in urban areas

Expand EE measures and low-carbon infrastructure

Increase energy security, affordability and resilience of cities

Barriers

Lack of awareness on benefits, risks and available EE technologies Limited capacity of ESCOs and energy consultants to generate and manage a pipeline of bankable EE projects

Lack of suitable financial mechanisms, due to excessive bureaucracy and collateral requirements

Lack of regulatory incentives

Opportunities

Promote credit inclusion for SMEs

Increase productivity and boost recovery on sustainable basis

Create new and qualified jobs

Enhance institutional capacity, technical knowledge, M&E practices by companies and banks



How to convert vision into action?

EE Guarantee Program - FGEnergia

Offer guarantee (80% coverage) for bank financing dedicated to SMEs invest in EE projects

Increase the number of projects with energy savings potential, which can also be associated with new renewable energy distributed generation projects

Increase public information on EE projects

Building capacity at institutional level to enhance the regulatory and enabling environment

Leverage EE measures and scale up investments.

Enhance institutional capacity, technical knowledge, monitoring and evaluation practices by companies and banks

Channel private capital into climate and environmentally friendly projects.