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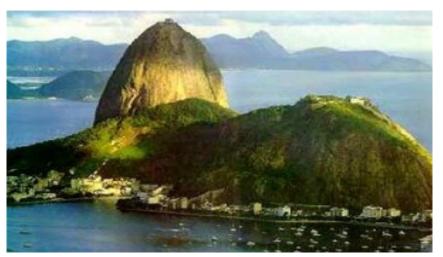
Seminar on Ensuring Access to Energy for all Addis Ababa, Ethiopia



ECOMETANO: REBEWABLE FUEL UPSTREAM COMPANY IN BRAZIL



NATURAL GAS OF BRAZIL











BRAZIL: A NATURAL GAS CULTURE – 100 MILLION m3/day MARKET







MARKET DRIVERS

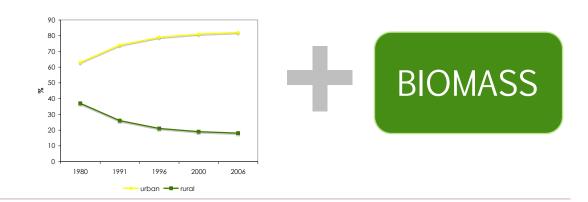
BIOGAS BEING FLARED

AVAILABILITY

BRAZIL'S AGRI-INDUSTRY IS WORLD LEADER



POSITIVE POPULATION GROWTH RATE



NEW NATURAL GAS REGULATION GUARANTEEING TRADING MECHANISMS

MATURE TECHNOLOGIES

MASSIVE GOVERNMENT INVESTMENT IN SUSTAINABLE HOUSING AND GREEN INFRASTRUCTURE



MOMENTUM

BEAUTIFUL LANDFILLS AND WWTP FOR APPROPRIATE DESTINATION OF MSW



BUT WE ALSO HAVE THIS ...



SAME APPLIES FOR AGRO INDUSTRIAL RESIDUES ... LARGE SCALE COMPOSTING FACILITY



BUT THERE STILL ARE RIVERS DYING DUE TO ILLEGAL RESIDUAL DISPOSAL



BOTH IN AGRICULTURE AND URBAN POPULATION BRAZIL IS A WORLD POWER



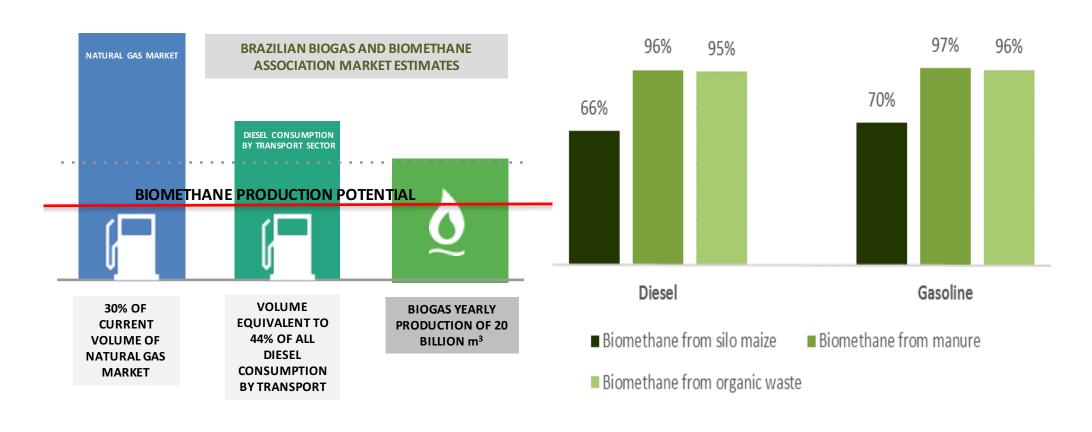
2015	
CHINA	1,372 MILLION
INDIA	1,314 MILLION
UNITED STATES	321 MILLION
INDONESIA	256 MILLION
BRAZIL	205 MILLION
PAKISTAN	199 MILLION
NIGERIA	182 MILLION

WORLDPOPDATA.ORG

BIOMETHANE MARKET POTENTIAL

BIOMETHANE POTENTIAL CAN SUBSTITUTE 30% OF NATURAL GAS OR 44% OF DIESEL MARKETS

WELL TO WHEEL GHG EMISSIONS REDUCTION POTENTIAL





REVISTA ECONOMIA RIO AGOSTO 2015

Uma referência na produção de biogás

A Usina Dois Arcos, da EcoMetano, que produz biogás purificado (biometano) a partir de resíduos sólidos urbanos de oito municípios da Região dos Lagos, foi apresentada como estudo de caso no International Conference on Renewable Energy Gas Technology (Regatec) 2015. O evento reuniu em Barcelona, na Espanha, especialistas e empreendedores na produção de biometano por meio de conversão microbiológica e termoquímica de biomassa e resíduos de todo o mundo.

O investimento na usina foi de R\$ 20 milhões, incluindo a instalação do aterro sanitário. A estimativa de produção é de cerca de 8 mil m³ de biometano/dia, chegando a 15 mil m³/dia em 2020. O aterro recebe aproximadamente 700 toneladas/dia de resíduos sólidos urbanos. No início, o biometano será fornecido em cilindros, como gás natural comprimido (GNC), para clientes industriais. Futuramente, a usina poderá ser ligada à rede de distribuição da CEG e da CEG Rio, concessionárias de gás canalizado do Estado.

DOIS ARCOS LANDFILL



COMPLETE VIEW

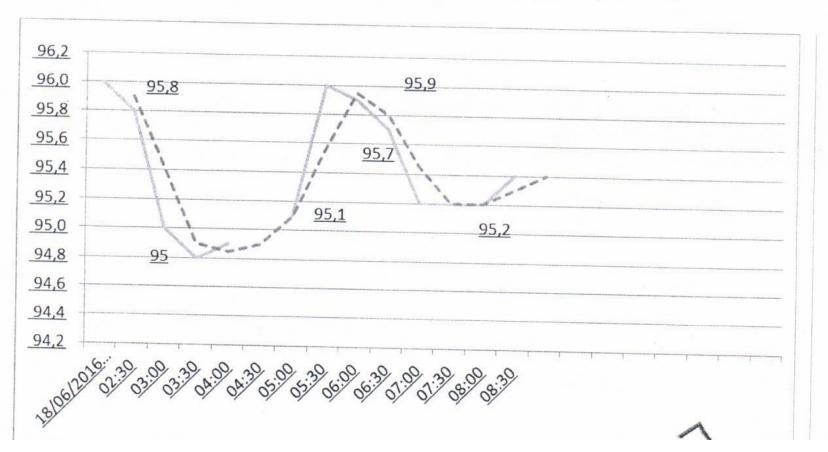


DOIS ARCOS BIOGAS UPGRADING FACILITY



HIGH QUALITY BIOMETHANE





CAPACITY TO FUEL CNG TRUCKS AND PIPELINE INJECTION





URBAN BUSES ON BIOMETHANE

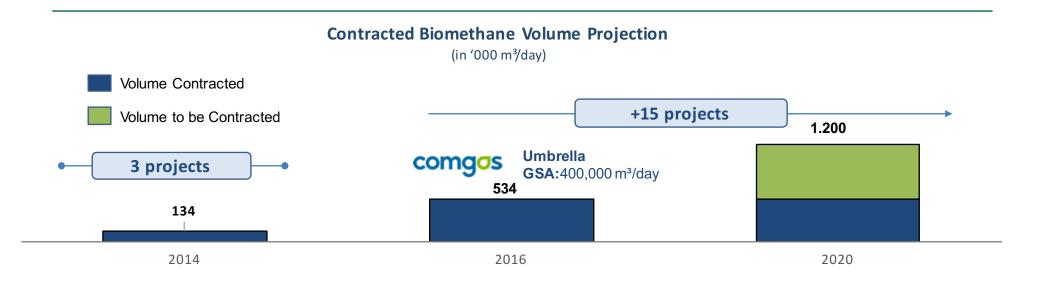


WASTE COLLECTION FLEET POWERED BY BIOMETHANE





COMPANY GROWTH PLAN



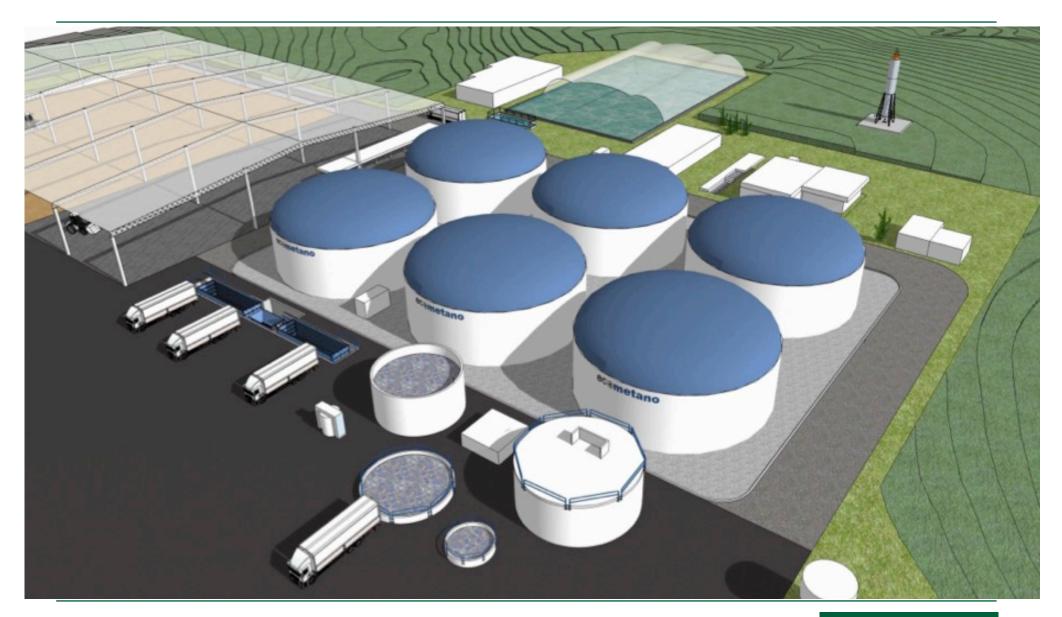


LARGE SCALE LFG-TO-PIPELINE UNIT: OPERATION BEGINS 06/2017





LARGE SCALE BIOMASS-TO-PIPELINE UNIT: CONSTRUCTION BEGINS 12/2016



LARGE SCALE VINASSE-TO-PIPELINE UNIT: CONSTRUCTION BEGINS 2017



ECOMETANO'S VALUE PROPOSITION

- Capital Intensive Feedstock to Customer Business Model;
- Certified Emissions Reductions (CDM) portfolio;
- Replacement of Fossil Fuels generates positive environmental impact;
- Improvement of residue treatment methods increases social returns;
- Increase in local RNG production decreases LNG imports and weighs positively on commercial balance;
- Heavyweight work for positive regulation creates ground for long term competitiveness

CONFIDENTIAL

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