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Mission

To bring technologies and products of companies around the world, providing legal advice and infrastructure to be a significant player in the Brazilian market.



Brazilian Market

- Population: + 200 Millions
- Gross Domestic Product (GDP): 2,246 Trillions USD (2013) – one of the 10 biggest economy of the world.
- Size of Brazil: 8.515.767 Km²



Brazilian Energy Generation

The Brazilian model of electric energy generation is mainly hydroelectric. Large and medium size hydroelectric plants and Small Hydroelectric Plants, the so-called PCHs, respond for more than 75% of the domestic generation capacity. That predominant model is based on large upland rivers fed by abundant tropical rainfalls, one of the world's largest fresh water sources.



Energy Generation

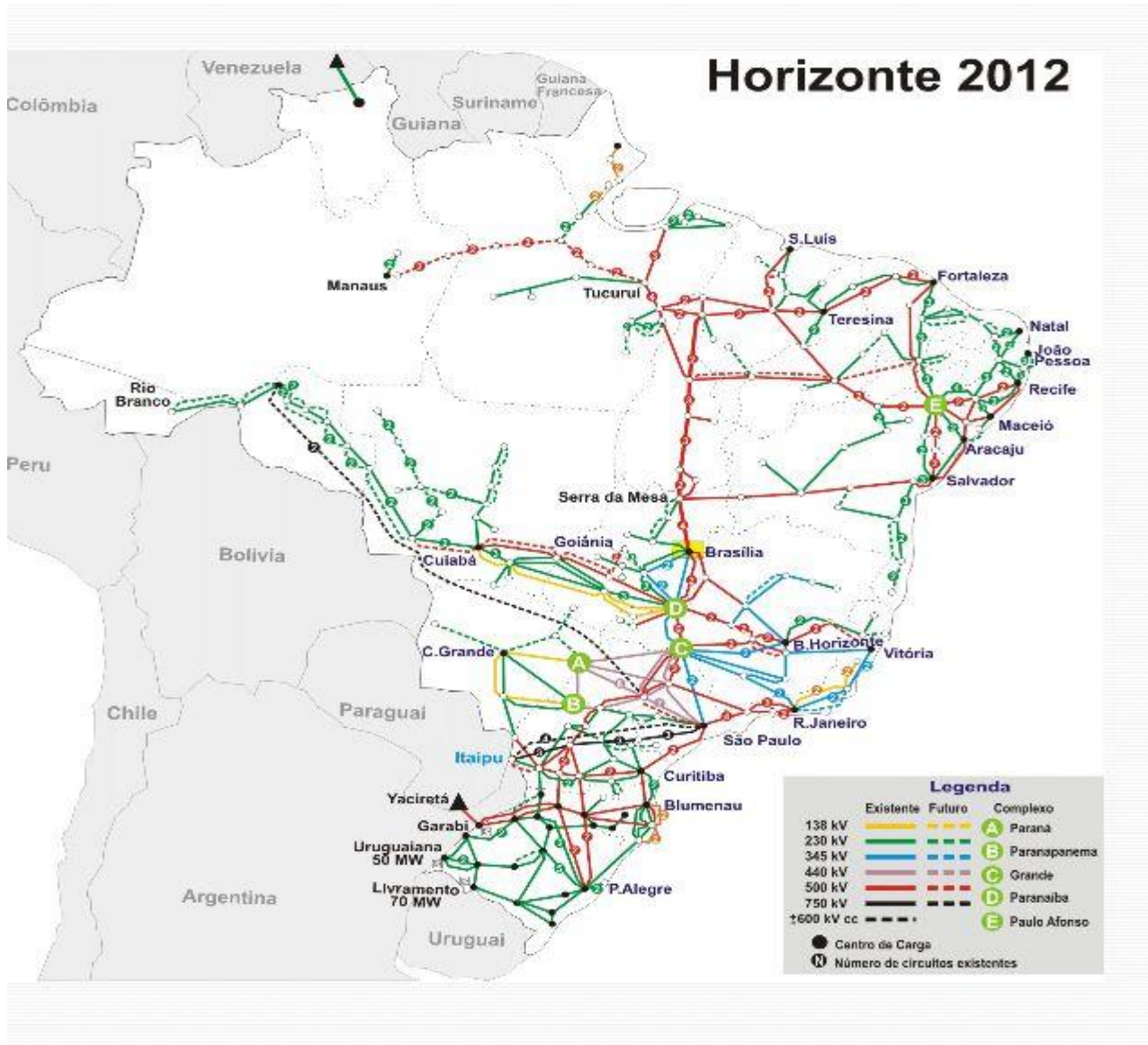


Energy Transmission

The transmission segment is rather relevant for Brazil. The power transmission system comprises a network of transmission lines spread throughout the Brazilian territory with the role of taking the energy from generation sources to the distribution companies. That grid is part of the National Interconnected System (SIN) that gathers power generation and transmission companies from almost all Brazilian areas. SIN comprises 102.9 km of transmission lines, with voltages from 230 kV to 750 kV.



Energy Transmission



BRAZILIAN OPPORTUNITIES

- OLIMPIC GAMES 2016 – RIO DE JANEIRO
- WASTE TREATMENT ENERGY
- PUBLIC TRANSPORTATION
- MEDICAL MARKET
- SOLAR ENERGY
- NITRO ENERGY



WASTE TREATMENT PARTNER

CAENGE AMBIENTAL

- The CAENGE Ambiental operates in Brazil as a service provider of waste management and execution of engineering infrastructure projects, using sustainable technologies to perform:
- Construction and Demolition Waste Recycling (C&D)
- Implementation and operation of landfills;
- Recovery of degraded areas;
- The company is based in Brasilia and subsidiaries are located in the states of Rio de Janeiro and Paraíba.

CAENGE AMBIENTAL MARKET EXPERIENCE

- GRAMACHO LANDFILL (RIO DE JANEIRO)
- BRASILIA LANDFILL
- RECUPERATION OF DEGRADADE AREA
- RESIDUES FROM THE CIVIL CONSTRUCTION
- URBAN SOLID RESIDUE
- GREEN BUIDINGS

CAENGE AMBIENTAL OPORTUNITY

São Paulo project

- Nearby industrial zones of São Paulo (35 km far from Marginal Road):
 1. Treatment of waste from industries;
 2. Sale of RDF for industries; or
 3. Energy sale through the grid.
- Renewable energy generation as alternative source for the thermal electric plants (high pollution) and also for the problems related with the low water level of the reservoirs from hydraulic power plants. ;
- Allow the achievement of the guidelines defined by the law No. 12.305 (National Policy on Solid Waste), which established the difference between (residue x refuse) and order the closure of all unlicensed areas for disposal of domestic and industrial waste.

TRANSPORTATION PARTNER VIAÇÃO REDENTOR

- FOUNDED IN 1950
- OVER 3.000 BUSES
- OPPORTUNITY: PROJECT FOR CLEAN BUS



Solar Power

- Brazil has sun all year long, solar radiation in Germany is 40 % less than the colder state of Brazil (Florianopolis) – the potential of solar energy is huge.
- The expectation is that over the next five years, solar energy, particularly photovoltaic generation, will become more robust in Brazil, increasing its competitiveness and, as a result, its integration into the energy matrix.

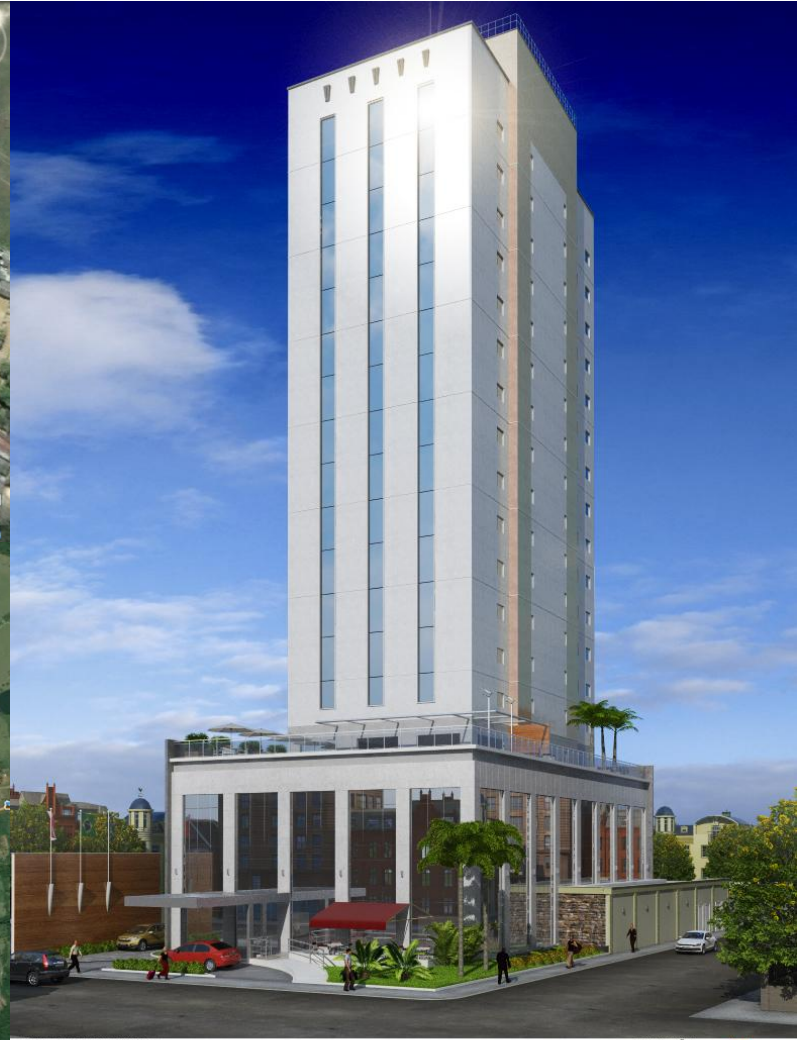
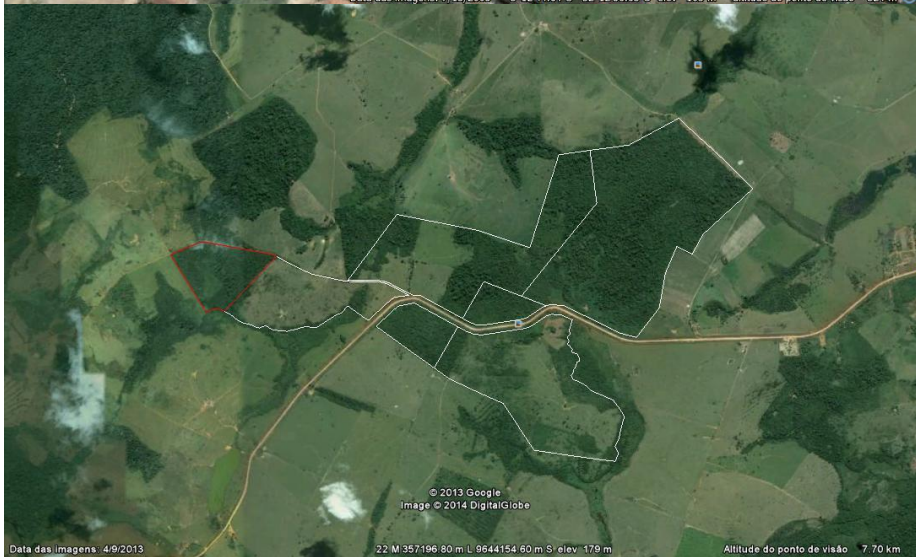


ALTERNATIVE ENERGY OPPORTUNITIES

1. PLACI MEDICAL CARE is a new concept in Brazil, for rehabilitation patient after hospital or home treatment.
 - Experience: Operational Hospital in Niteroi RJ.
 - Opportunity: Build a Self Sustainable Hospital in Rio de Janeiro.
2. ALTAMIRA SHOPPING MALL: 4.000 M2
 - Opportunity: First Self Sustainable Shopping Mall of Brazil.
3. Stamppa Press Company: 10 thousands M2 of Press Ware House.
 - Opportunity: First Self Sustainable Press Company



Real State Opportunities for Renewable Energy Projects



CLEAN ENERGY OPPORTUNITIES

- Big farm of cocoa and reforestation areas wants to invest in clean energy at the Pará State and make partnership – Altamira.



CLEAN ENERGY OPPORTUNITIES

- Advanced negotiations with a major company in the management of commercial and industrial clean energy condominiums for partnership, with a capital structure still to be determined.



- Brazilian Solar Panel 300 w – \$600 USD

ENERGY POWER PARTNER

BOLT ENERGIAS

- Is a fully operational company with strong results in less than 5 years from its incorporation;
- One of the 5 biggest energy traders in the country, negotiating around 350 Mwa per month of conventional power;
- Has very clearly defined transparency, business philosophy and corporate culture policies;
- Absolute compliance in both word and deed with the corporate business plan;
- Compliance with Corporate Governance best practices;
- Strict and precise criteria in choice of investments





Toda Raba
Obrigado
Thank you

