

# ***Carbon Credits and UPADI***



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# ***Carbon Credits and UPADI***

- Agreement of Kyoto;
- improve the planet's weather during the next decade;
- the agreement fixes goals;
- to reduce their emissions of greenhouse gases – GHG;
- GHG emission reduction of roughly 5%;

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- volume of emissions in 1990;
- until 2008 to implement these projects;
- until 2012 to prove the reduction made;
- Companies with excess of GHG emissions will be liable to notification and heavy fines;
- goal implementation easier;

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- flexible mechanisms to account for these emissions were created;
- Industrialized countries (with too much emissions) can reduce them outside their territory;
- buying emission rights from countries or companies with emissions below their goal levels;
- Clean Development Mechanism;
- exchange of Carbon Credits is the way they are traded;

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- Agreement has not started formally;
- American countries (with the possible exception of USA) can get a privileged position in;
- trading of “Carbon Credits” certificates can reach a total amount of US\$ 20 billion per year;
- Brazil, several projects for GHG emission reductions have already been noted;
- These projects attract external funding and investments;

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# ***Carbon Credits and UPADI***

- Carbon Credits business are already benefiting several companies with operations in Brazil;
- March of 2004, two projects in Sao Paulo's Province won an international bidding process of the Dutch government;
- one of the largest buyers of Carbon Credits in the world;
- bidding process was known as Certified Emission Reduction Unit Procurement Tender (Cerupt);
- energy generation by burning the core of sugar cane;

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- methane capture in sanitary landfills;
- Methane capture is one of the most efficient ways of reducing GHG's emissions;
- Brazilian projects with major international impact also deal with methane capture in sanitary landfills;
- Salvador and Nova Iguacu;
- approval of its carbon emission reduction methodologies by the Executive Board of CDM;

# ***Carbon Credits and UPADI***

- International Board created to supervise the implementation of the Clean Development Mechanism (CDM);
- approval is the first step for the future issue of Carbon Credit;
- only four more projects in the world were successful in getting the same approval;
- 2 predominant ways of reducing greenhouse gases emissions;
- reduction of methane and other greenhouse gases emissions;

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- capture of CO<sub>2</sub>;
- necessary to implement new forests that can absorb and remove carbon dioxide from the atmosphere in a permanent way;
- implementing new forests and trees can benefit the environment and local communities;
- jobs and income for the people;
- community, company or government department;

# ***Carbon Credits and UPADI***

- which will be qualified to receive Carbon Credits, captured from the atmosphere;
- European entities, which must compensate their excess of GHG emissions;
- these projects can get funding for American countries, companies and communities that are successful in implementing them;
- getting Carbon Credits;
- starts with an Executive Project;

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- qualified Consulting Company;
- developed projects are approved and validated by the National Authority;
- directed to the Executive Board of CDM;
- operational arm of the Board monitors the project;
- monitoring results to the Executive Board again;

# ***Carbon Credits and UPADI***

- certification of results;
- certification;
- trade the Carbon Credits at the International Market;
- American potential to attract investments for sustainable development, environmentally friendly;
- important agents in transactions regarding Carbon Credits in the International Markets.