

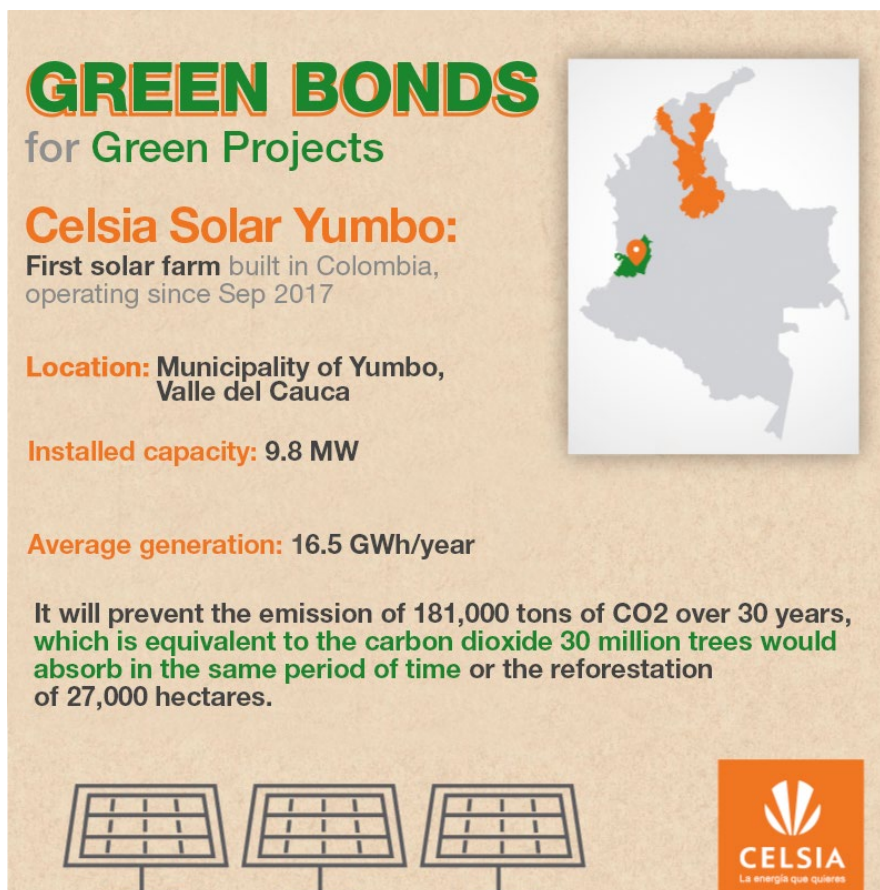
Green Bonds for Green Projects

Green bonds are a financial mechanism that promotes environmental projects which contribute to an economic development and growth model that is low in carbon emissions and resilient to climate change.

Epsa, a Celsia company, will issue up to COP 420 billion through a green bonds program, making it the first company of the Colombia real sector to use this fixed-income financial instrument.

The funds from the issuance will be used to finance solar farms that together will amount to a capacity of 180 MW, preventing the emission of 3,440,000 tons of CO₂ into the atmosphere over the 30 years of useful life. This is equivalent to the carbon dioxide that 570 million trees would absorb in the same period of time or the reforestation of around 512,000 hectares.

Solar Farms to be Financed with Green Bonds



GREEN BONDS
for Green Projects




Celsia Solar Yumbo:
First solar farm built in Colombia,
operating since Sep 2017

Location: Municipality of Yumbo,
Valle del Cauca

Installed capacity: 9.8 MW

Average generation: 16.5 GWh/year

It will prevent the emission of 181,000 tons of CO₂ over 30 years,
which is equivalent to the carbon dioxide 30 million trees would
absorb in the same period of time or the reforestation
of 27,000 hectares.



GREEN BONDS

for Green Projects

Celsia Solar Bolivar:

Operating since Nov 2018

Location: Municipality of Santa Rosa de Lima, Bolívar.

Installed capacity: 8,06 MW

Average generation: 15.5 GWh/year

It will prevent the emission of 170,000 tons of CO₂ over 30 years, which is equivalent to the carbon dioxide 28 million trees would absorb in the same period of time or the reforestation of 25,000 hectares.



GREEN BONDS

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Celsia Solar Chicamocha:

Location: Municipality of Los Santos, Santander.

Installed capacity: 94,35 MW

Average generation: 161,7 GWh/year

It will prevent the emission of 1.780.317 tons of CO₂ over 30 years, which is equivalent to the carbon dioxide 295 million trees would absorb in the same period of time or the reforestation of 265.000 hectares.



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Celsia Solar Valledupar

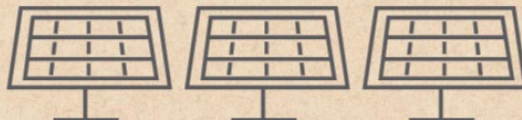
Location: Municipality of La Mesa,
Valledupar.

Installed capacity: 70,76 MW

Average generation: 118,9 GWh/year



It will prevent the emission of 1.310.000 tons of CO₂ over 30 years, which is equivalent to the carbon dioxide 217 millions trees would absorb in the same period of time or the reforestation of 195.000 hectares.



Note: The projects' installed capacity is the power calculated in ideal conditions measured in a laboratory.