

# SUCCESS CASES OF THE STATE OF MINAS GERAIS/BRAZIL

## AGRICULTURE, LIVESTOCK AND PLANTED FOREST

### Powered by Agriculture - Ethanol

The "Powered by Agriculture - Ethanol" Project disseminates information about biofuel - ethanol (linked to the sustainable production of sugarcane), its benefits and advantages, whilst encouraging conscious fueling by the population. The migration to a sustainable fuel helps in the transition to a green energy matrix in search of the planet's sustainability. Just to remember, flex-fueled vehicles have been a common reality in Brazil for over 20 years.

The Project promotes the rural sector and this helps farmers' families to remain settled in the countryside, generating wealth, employment, and benefits to society, through the production of a world pioneer clean fuel that is protagonist in Brazil's energy transition, helping mitigate the impact of climate change and its effects.

It develops corporate governance and raises awareness among the population about the benefits associated with the biofuel.

Among the advantages of refueling with ethanol are the reduction of pollutant emissions, such as CO<sub>2</sub>, and the improvements related to health, sustainability, and socioeconomics. Ethanol produced in Brazil from sugarcane and corn reduces CO<sub>2</sub> emissions by up to 20%



### Results achieved with the \*Faemg Senar System fleet:

\*Federation of Agriculture and Livestock of the State of Minas Gerais



- **1,939,394** Kilometers driven with ethanol
- **171,034** Liters of ethanol consumed
- **228,121** Kg of CO<sub>2</sub> eq. of emissions avoided in the atmosphere
- **1,597** trees would be needed to offset emissions if they hadn't been avoided.



**FAEMG  
SENAR**

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