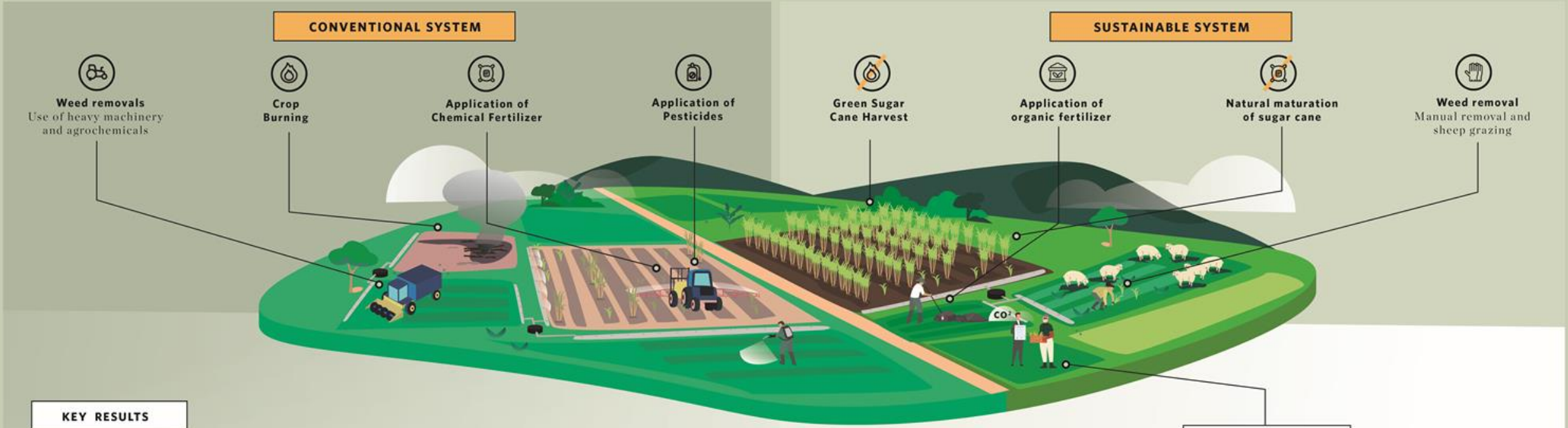


SUGAR CANE PRODUCTION



📍 Valle de Cauca, Colombia | 🌾 207,083 ha of area harvested for the cultivation of sugarcane in the geographical valley of the Cauca River | 🌧️ 95% receive supplementary irrigation



KEY RESULTS

Consumption of 1,235m³/ha less water

1.9% more organic soil matter

Water savings of + 255 M m³/year equivalent to 2X the annual consumption of Cali, Colombia (2.5 million people)

BENEFITS

- No contamination of surface and underground water sources from agrochemicals
- Increased organic matter, which improves fertility and soil moisture retention
- Fewer CO₂ Emissions Generated
- Improves crop productivity and promotes carbon storage
- Provides food and habitat for wildlife, which benefits biological pest control
- Better production performance on a scale per ha, in relation to direct non-renewable energy consumption

