

# Netafim Life Cycle Assessment (LCA) Study: Robusta Coffee

## Drip irrigation cuts the carbon footprint of Robusta coffee by nearly 60%

A new Life Cycle Assessment (LCA) study conducted in Dak Lak Province, Vietnam demonstrates that drip irrigation significantly boosts yield while lowering environmental impact and enhancing resource efficiency compared to traditional overhead irrigation.

### About the study

The three-year LCA (2022–2024) assessed water use, energy consumption, agricultural inputs (including fertilizers and crop-protection products), and yield performance in Robusta coffee plantations, comparing drip irrigation to overhead sprinkler irrigation.

### Results at a glance

