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R*D project Lead

MATGAS 2000 IAE

Bilateral Meetings

- Wednesday 15:00-19:15

Organization Type

Cluster MAV

Areas of Activities

Tech Transfer, universities, tech centers

Other

Offering an Innovation

Extraction with CO₂, a sustainable and gentle alternative to organic solvents

Products and processes with reduced impact to the environment is one of the emergent demands from the market. The replacement of harsher organic solvents while maintaining their performances is a challenge. Above certain pressure and temperature, CO₂ is a powerful green solvent with similar properties to most of the harsher solvents, being a safe alternative and good solution for a sustainable growth. In addition to the safety and environmental improvement, CO₂ usually offers higher quality extracts and easier purification. MATGAS can help you to elaborate safer and healthy essential and vegetable oils among other natural extracts.

Keywords: CO₂ utilization Alternative solvents