

Atelier
Fluides
Supercritiques



Supercritical CO₂
for Natural Products

From Pilot to Industrial scale

PILOT PLANT

Batch extractors : 6 to 30 liters
Column : D45 mm / H 4 m
CO2 flow : 60 kg/h - Pressure 300 bar



SEMI-INDUSTRIAL UNIT

Batch extractors : 2 x 200 & 1 x 400 liters
Column : D126 mm / H 8 m
CO2 flow : 600 kg/h - Pressure 350 bar



LAB ANALYSIS

GC-FID + headspace
HPLC - DAD
UV Spectrophotometer

30-years expertise in Supercritical Fluids

Advanced Process Development

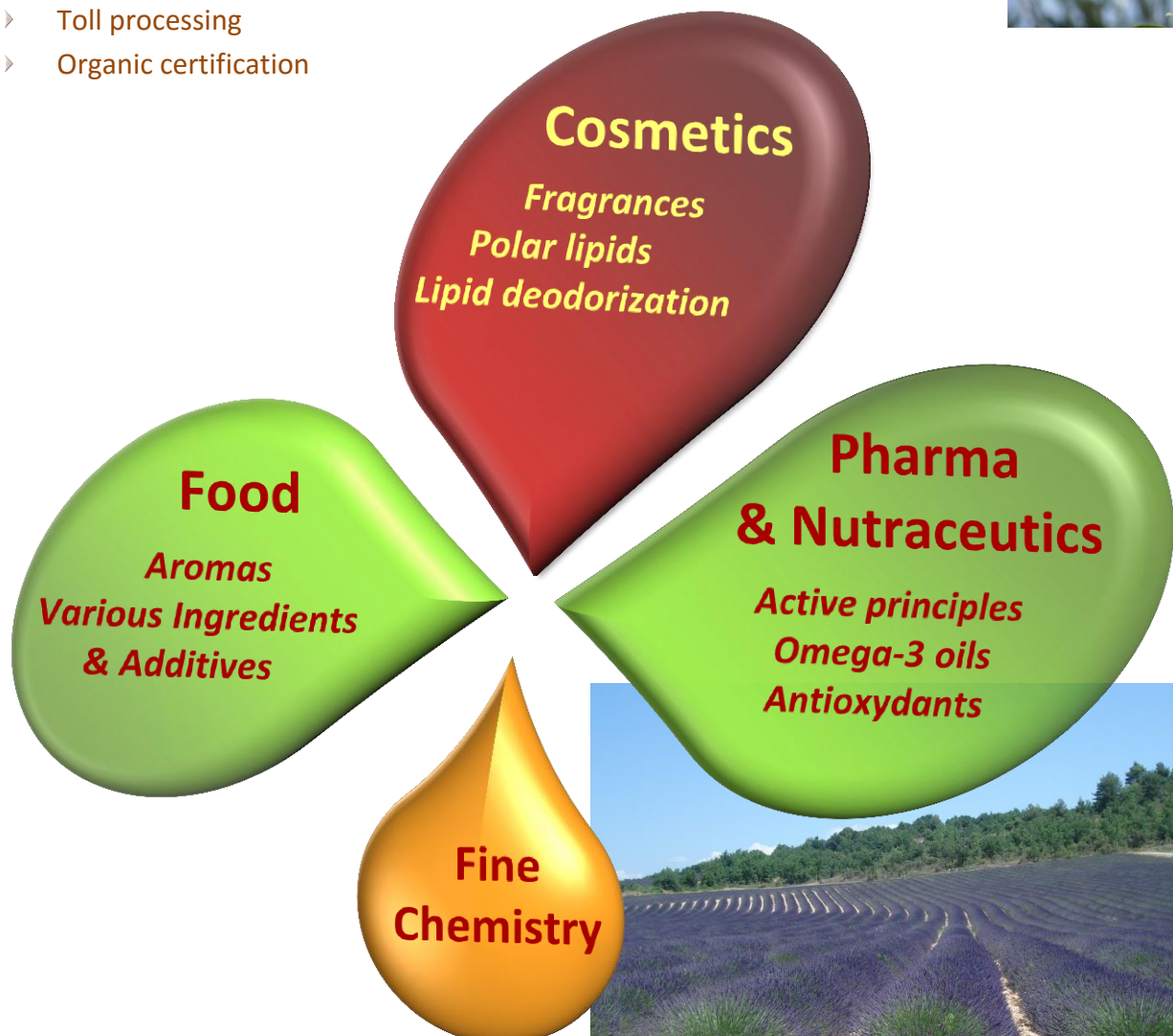
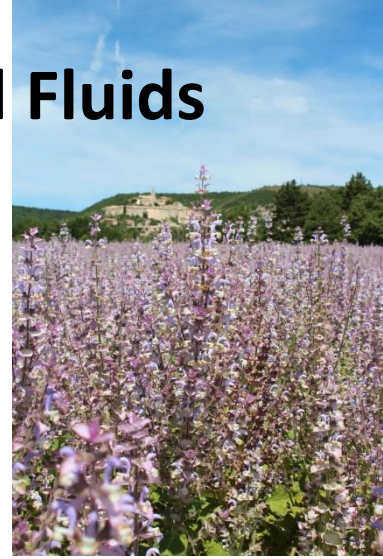
- › Selective extraction / fractionation
- › On-line separation
- › Impregnation on solid powders
- › Micro-encapsulation

Process Upscale

- › Large-scale process validation
- › Process modeling
- › Industrial-scale Engineering
- › Qualification lots production
- › Process transfer

Production

- › Toll processing
- › Organic certification





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