



Recycle Boost

Utilities saving solutions to optimize costs and reduce carbon footprint

Upgrade solution

Make savings by recycling and reusing effluent fractions.
Improve your carbon footprint by reducing water
consumption and chemical usage.

Recycle Boost

Utilities saving solutions to optimize costs and reduce carbon footprint

YOUR BENEFITS

WATER
REDUCING
OPEX
REDUCTION
EFFLUENT
REDUCTION
CHEMICAL USE
REDUCTION

Challenges are evolving in the industrial sector: water resources are limited, chemical prices and effluents treatment costs are increasing, and environmental regulations are becoming every day more strict. In this context, Applexion proposes two ways to reduce costs and carbon footprint:

1. Reduce chemical consumption, wastewater production, fresh water consumption and operating costs by recycling fractions and reusing them for the next regeneration cycle.
2. Change in chemical product may also contribute to the OPEX reduction, as well as purification performances improvement.

YOUR EXPERIENCE

A design that enables you to reduce fresh chemicals and water consumption down by 40% thanks to recycling part of the effluent fractions in the next cycle. It helps you reduce your effluent volume without compromising your product quality nor separation performances.



1. **Keep** the process efficiency untouched
2. **Collect & reuse** fractions
3. **Decrease** reactants consumption with optimized regeneration steps

 **Applexion**
beyond purification
applexion.com follow us 