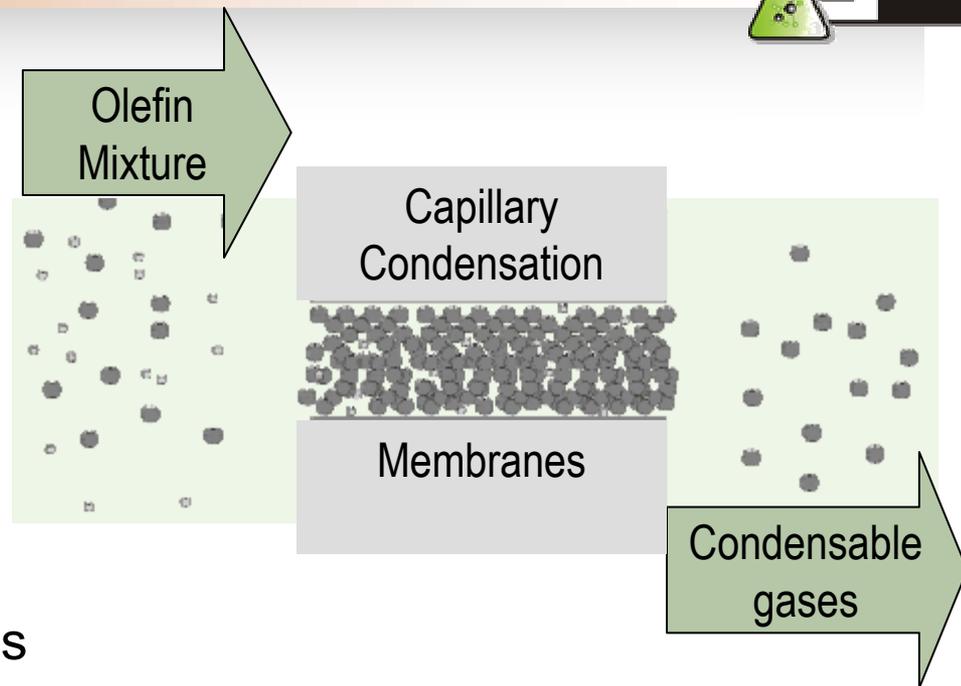


# Mesoporous Membranes for Olefin Separations



- Membrane-based technology to separate olefinic mixtures from light gas by-products
- Could replace cryogenic distillation throughout the olefins industry
- Decreases CO<sub>2</sub> emissions by 24%, cuts energy use by 40%, and increases capacity by 50%



*Los Alamos National Laboratory  
BP Amoco Corporation  
MEDAL Air Liquide*