

# Results already obtained with R744 MAC

## ■ 2002 UNEP RTOC

R744 is comparable to R134a regarding cooling capacity and fuel consumption (energy efficiency). Satisfies the EU requirements

## ■ 2005 SAE ARCRP II conclusions

About 10% less fuel consumption for the R744 system compared to R134a for averaged climates

## ■ 2005 IPCC/TEAP Special Report "Safeguarding the ozone..."

GHG emissions, quantified by TEWI (and LCCP) of R744 systems are significantly better than that of Improved R134a systems (30 to 45% lower emissions for respectively very hot and moderate climates)

## ■ Small car results

Several companies show R744 systems better than R134a