

Mobile Air Conditioning Climate Protection Partnership

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Mission Statement

- Promote Cost-Effective Design and Service Procedures to Minimize Emissions from HFC-134a Systems
- Cooperate on Development & Testing of Next-Generation AC Systems to Satisfy Customer Acceptance, Environmental, Safety, and Reliability Concerns
- Communicate Technical Progress to Policy Makers and the Public

Partnership Advisors (France, Germany, Japan, Sweden, & USA)

- Baroto Adiprasito, VW
- Jay Amin, Ford/Visteon
- James Baker, Delphi
- Jacob Bayyouk, Sanden
- Elizabeth Cook, WRI
- Hans Fernqvist, Volvo Car Corp.
- Linda Gronlund, BMW
- Arthur Naujock, Calsonic
- Roland Caesar, Daimler-Chrysler
- Y. Yamanaka, Denso
- Pega Hrnjak, U. Illinois
- Larry Kettwich, UL
- Nubuo Kobayashi, Toyota
- Angelo Patti, Daimler-Chrysler
- Christophe Petitjean, VALEO
- Hideyuki Sakamoto, Nissan
- V. Sumantran, GM

Ad Hoc Members

- Original Equipment Manufacturers
- System Design Consultants
- System & Component Suppliers
- Industry and Professional Organizations
- Government Organizations
- Non-Governmental Organizations

Communication Projects

- HFC-134a Emission Reduction Action Plan
- Selection and Service of MAC Systems to Protect the Climate
- Progress on HC and CO₂ System Development and Testing

HFC-134a Emission Reduction Action Plan

- Technically Feasible Emission Goal
- Design and Component Options
- Training and Service Incentives
- National Case Studies

Selection and Service of MAC Systems to Protect the Climate

- Customer Acceptance, Safety, Environment
- Direct & Indirect Climate Impacts
- Ozone & Climate Protection Achieved by Replacing CFC-12 with HFC-134a
- Options for Higher HFC-134a Climate Performance (Efficiency & Containment)
- Emerging HC, CO₂ & Other Systems

Progress on HC and CO₂ System Development and Testing

- Prototypes From Audi, BMW, Daimler-Chrysler, Delphi, Toyota, VW & Zexel
- SAE Phoenix Symposium on Alternative Refrigerants
 - Technical Conclusions
 - Test Results
 - Status and Challenges