

# **Energy Flow Control and Energy Optimization**

## Thermal Management - A Must

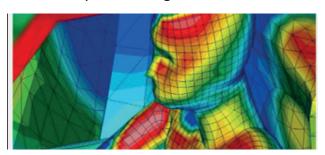
Thermal management and the direct drive train are the basis for an efficient, dynamic driving experience.

Whether for gasoline, diesel, hybrid or BEV propulsion, we work with you at all levels and in all areas to develop the thermal management system that is right for your particular application.

With our interdisciplinary skills, we can develop cooling, heating and air conditioning subsystems as well as an efficient complete system, and adapt them to your specific case.

# Thermal Management - From Components to Complete System

Our interdisciplinary approach combines design, simulation, control, and testing to find the ideal solution for your challenges.



We advise you, take on individual tasks, and design complete systems in all phases of the development process, in the virtual as well as the real world, around the globe.

# **Passenger Comfort**

Taking into consideration the results of our work on air conditioning, we can use our proprietary THESUES-FE software to draw initial virtual conclusions about comfort and temperature perceptions.

### Assurance, Testing, and Application

In addition to the virtual aspects of thermal management, ARRK's expertise and that of its partners enable us to cover all the disciplines of real thermal management development, and provide you with all-in development proposals that meet your needs.

### **YOUR ADDED VALUE**

- Complete System
- Cooling
- Air Conditioning
- Passenger Comfort
- Assurance, Testing, and Application