

# SAE Cooperative Research Program

# SAE Cooperative Research (CRP)

Joint venture projects where numerous organizations pool their resources to study a pre-competitive technical area where results are shared by the participants.

# SAE Cooperative Research (CRP)

- Pressure to Do More with Less
- Industry Must Join Together to Share Expertise, Costs and Avoid Duplication
- Cooperative Ventures Make Sense!

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The CRP Program was started in 1989 and has administered over 60 projects.

Majority of projects are tied to Standards efforts

- Pre (acquire needed data)
- During development (test assumptions or performance levels)
- Post (validate the standards or products made to the standards)

# SAE Cooperative Research (CRP)

- Flexible
- Customized to Meet Required Needs
- Take Advantage of SAE's Already Established Infrastructure
  - Business Services
  - Access to Industry Experts

# SAE Cooperative Research (CRP)

## Services

- SAE can bring together prospective partners to plan projects
- SAE can provide facilities and staff services for meetings
- SAE can provide a legal forum where industry can meet and provide administrative help for legal issues
- SAE can provide project management and coordination
- SAE provides government contracting expertise

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## Services

- SAE takes on the role of subcontractor administrator
- SAE can set up escrow accounts for project funding and acts as the “bank” for project fiscal issues
- SAE has a mature and well recognized information dissemination framework
- SAE will ensure conformance to the National Cooperative Research Act

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## Cooperative Research Program Funding

- Funded separately from standards
- Pay to play
- Data is proprietary to funding partners
- Combination of government contracts and industry participation fees
- Projects set up as distinct joint ventures



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## Some Notable Current and Past Projects

- CRP150 and CRP1234yf (Alternative Refrigerants)
- I-MAC (Improved Mobile A/C Systems)
- High Strain Rate Polymer Testing
- Non-Blinding Emergency Vehicle Lighting
- Rechargeable Energy Storage Systems (EV Battery Testing)
- Fuel Cell Hydrogen Containment
- Truck Crashworthiness
- Intelligent Transportation Systems (DSRC)
- CAESAR (3D Human Body Measurement Scans)

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