



U.S. Department  
of Transportation

Pipeline and  
Hazardous Materials  
Safety Administration



# GRANTS

## PHMSA FUNDING OPPORTUNITIES

[WWW.PHMSA.DOT.GOV](http://WWW.PHMSA.DOT.GOV)

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The Pipeline and Hazardous Materials Safety Administration (PHMSA) offers comprehensive funding opportunities focused on hazardous materials (hazmat) and pipeline safety.

### **PHMSA FUNDING OPPORTUNITIES ARE DESIGNED TO:**

- Foster partnerships with states, local communities, universities, and nonprofits
- Provide resources for emergency preparedness
- Promote pipeline awareness campaigns
- Develop pipeline resources
- Implement best practices for pipeline and hazmat safety, nationwide
- Encourage the development of new technologies
- Help municipality and community-owned utilities improve and maintain safe pipeline infrastructure

### **HOW TO APPLY**

All PHMSA grant applications can be submitted online at <http://www.grants.gov>.

To apply, log-in or register with Grants.gov, find the proper funding opportunity, and submit your application.

For more information on each funding opportunity, see <https://www.phmsa.dot.gov/about-phmsa/working-phmsa/grants>

*Disclaimer: Funding levels contained herein are based on FY 2022 appropriated levels and are subject to change.*

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# HAZMAT

## HAZARDOUS MATERIALS GRANTS

### Hazardous Materials Emergency Preparedness (HMEP)

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The HMEP grant supports the planning and training efforts of states, territories, and federally recognized tribes in mitigating transportation-related hazardous materials emergencies. Relevant training is found in National Fire Protection Association (NFPA) publication 470: "Hazardous Materials/Weapons of Mass Destruction (WMD) Standard for Responders" and the Occupational Safety and Health Administration (OSHA) regulations (29 CFR § 1910.120). The HMEP grant also enhances the implementation of the Emergency Planning and Community Right-to-Know Act (EPCRA) of 1986 (42 USC § 11001 et seq.).

**Funding available:** Estimated \$39.1 million

**Eligible entities:** States, territories and federally recognized Tribes

**Examples of HMEP grant fund uses are:**

- Commodity flow studies
- Hazmat emergency response training (NFPA-470 and OSHA 1910.120)
- Hazmat planning and exercises
- Equipment and supplies to conduct the hazmat response planning and training activities

**Statutory Authority:** 49 U.S.C. § 5116, 49 U.S.C. § 5128

**Contact:** [HMEP.grants@dot.gov](mailto:HMEP.grants@dot.gov)

## Supplemental Public Sector Training (SPST)

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The SPST grant is a train-the-trainer program that facilitates the training of instructors who then conduct hazmat response training for individuals with a statutory responsibility to respond to hazmat accidents and incidents. The SPST grant is competitively awarded to national nonprofit fire service organizations.

**Funding available:** Estimated \$2 million

**Eligible entities:** National nonprofit fire service organizations, competitive based

**Examples of SPST grant fund uses are:**

- Hazmat response instructor training
- Hazmat responder training (direct delivery)
- Equipment and supplies to conduct the hazmat response training

**Statutory Authority:** 49 U.S.C. § 5116(i), 49 U.S.C. § 5128

**Contact:** [HMIT.grants@dot.gov](mailto:HMIT.grants@dot.gov)

## Hazardous Materials Instructor Training (HMIT)

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The HMIT grant is a train-the-trainer program that facilitates the training of hazmat instructors who then conduct training in Hazardous Materials Regulations (HMR) for hazmat employees. The HMIT grant is competitively awarded to nonprofit organizations that satisfy both of the following eligibility requirements: 1) expertise in conducting hazmat employee training programs; and 2) capability to reach a target population of hazmat employees and include them in the training program.

**Funding available:** Estimated \$5 million

**Eligible entities:** Nonprofit organizations, competitive based

**Examples of HMIT grant fund uses are:**

- Hazmat instructor training
- Hazmat employee training
- Equipment and supplies to conduct the hazmat employee training

**Statutory Authority:** 49 U.S.C. § 5107(e), 49 U.S.C. § 5128

**Contact:** [HMIT.grants@dot.gov](mailto:HMIT.grants@dot.gov)

## Community Safety Grant (CSG)

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The CSG is used to conduct national outreach and training programs to assist communities in preparing for, and responding to, accidents and incidents involving the transportation of hazardous materials, including Class 3 flammable liquids by rail, and in training state and local personnel responsible for enforcing the safe transportation of hazmat. The CSG grant is competitively awarded to nonprofit organizations capable of delivering hazmat enforcement training or outreach and training to local communities.

**Funding available:** Estimated \$4 million

**Eligible entities:** Nonprofit organizations, competitive based

**Examples of CSG grant fund uses are:**

- Training state and local hazmat enforcement personnel
- Community outreach and training to increase hazmat preparedness in communities
- Equipment and supplies to conduct the hazmat employee training

**Statutory Authority:** 49 U.S.C. § 5107(i), 49 U.S.C. § 5128

**Contact:** [HMIT.grants@dot.gov](mailto:HMIT.grants@dot.gov)

## Assistance for Local Emergency Response Training (ALERT)

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The ALERT grant promotes hazmat response training for volunteer or remote emergency responders. Response activities include the transportation of crude oil, ethanol, and other flammable liquids by rail consistent with NFPA standards. The ALERT grant is competitively awarded to nonprofit organizations capable of delivering an established curriculum to emergency responders.

**Funding available:** Estimated \$1 million

**Eligible entities:** Nonprofit organizations, competitive based

**Examples of ALERT grant fund uses are:**

- Direct delivery training on crude oil, ethanol and other flammable liquids by rail
- Web-based rail response training for volunteer or remote emergency responders
- Equipment and supplies for rail response training

**Statutory Authority:** 49 U.S.C. § 5116(j), 49 U.S.C. § 5128

**Contact:** [HMIT.grants@dot.gov](mailto:HMIT.grants@dot.gov)

## Hazardous Materials State Inspection (HMSI)

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HMSI is a financial assistance grant to states to perform hazardous material shipper inspections to increase compliance and ensure safe transport of hazardous materials. States can utilize HMSI funding to cover costs for hazmat shipper inspections to include personnel, travel, equipment, supplies, and training for hazmat inspectors. The HMSI grant is competitively awarded based on a statement of need for hazmat shipper inspection expenses.

**Funding available:** Estimated \$2.5 million

**Eligible entities:** States, competitive based

**Examples of HMSI grant fund uses are:**

- Hazmat shipper inspection cost (inspector time/wage, travel expenses)
- Inspection equipment and supplies, personal protective equipment (PPE) and personal electronic devices (PEDs)
- Hazmat inspector training

**Statutory Authority:** Annual Consolidated Appropriations

**Contact:** [HMSI.grants@dot.gov](mailto:HMSI.grants@dot.gov)

# RD&T

## Research, Development, and Technology

PHMSA Office of Hazardous Materials Safety (OHMS) focuses research efforts within the core areas of risk management and mitigation, package integrity, emerging technologies, and technical analysis to aid risk assessments.

**Funding available:** Approximately \$7.5 million annually

**Eligible entities:** Research projects are conducted by federal agencies, private companies, and universities

**Examples of R&D fund uses are:**

- Identification and development of risk management information systems, to mitigate environmental and community risks of hazmat transportation
- Early identification and prevention of risks for energy storage devices in transportation
- Improved materials and designs for hazmat packaging, including recycled and processed plastics

**Statutory Authority:** Annual Consolidated Appropriations

**Contact:** [infocntr@dot.gov](mailto:infocntr@dot.gov)





## PIPELINE GRANTS

### Technical Assistance Grant (TAG)

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The TAG program provides funding to local communities and groups of individuals for technical assistance related to pipeline safety. The program also provides opportunities that strengthen the depth and quality of public participation in the safe operation of pipelines in and around communities.

**Funding available:** Estimated \$2 million annually

**Eligible entities:** Local communities (cities, towns, villages, Indian Tribes, counties, parishes, townships, and similar governmental subdivisions, or consortiums of such subdivisions) and groups of individuals (nonprofits). States, universities, and for-profit entities are not eligible for TAG funding.

**Examples of TAG grant fund uses are:**

- Improvement of local pipeline emergency response capabilities
- Improvement of safe digging programs
- Development of pipeline safety information resources
- Implementation of local land use practices that enhance pipeline safety
- Community and pipeline awareness campaigns
- Enhancements in public participation in official proceedings pertaining to pipelines
- Pipeline safety engineering or other studies

**Statutory Authority:** 49 U.S.C. § 60130. The Secretary shall award \$1 million to an eligible nonprofit (as defined in 49 U.S.C. § 60130(d)(2)) to improve the quality of technical assistance provided to communities or individuals.

**Contact:** [PHMSA.Pipelinesafety@dot.gov](mailto:PHMSA.Pipelinesafety@dot.gov)



## One-Call Grant

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The One-Call grant provides funding to state agencies to promote damage prevention, including changes to their state underground damage prevention laws, related compliance activities, training, and public education. One-Call grants may be used to support initiatives to further promote efforts specifically for damage prevention, including One-Call legislation, related compliance activities, training, and public education.

**Funding available:** Estimated \$1 million

**Eligible entities:** State agencies that participate in the safety program either under certification in accordance with 49 U.S.C. § 60105 or under an agreement in accordance with § 60106.

**Examples of One-Call grant fund uses are:**

- Public service announcement campaigns
- Radio ads
- Outreach and education
- Public awareness campaigns
- State Damage Prevention Enforcement

**Statutory Authority:** 49 U.S.C. § 60114, 49 U.S.C. § 6106

**Contact:** [PHMSA.Pipelinesafety@dot.gov](mailto:PHMSA.Pipelinesafety@dot.gov)

## State Damage Prevention (SDP)

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The SDP grant provides funding to eligible states to aid them in establishing a comprehensive program to implement the nine elements of an effective damage prevention program. All states are encouraged to implement the nine elements of an effective damage prevention program.

**Funding available:** Estimated \$1.5 million annually

**Eligible entities:** Any state authority (or municipality, with respect to intrastate gas transportation) that is or will be responsible for preventing damage to underground pipeline facilities is eligible, as long as: 1) the state participates in the oversight of pipeline transportation, pursuant to an annual 49 U.S.C. § 60105 certification or 49 U.S.C. § 60106 agreement in effect with PHMSA; and 2) it is designated by the state's governor, in writing, as the eligible recipient of the grant funding.

**Examples of SDP grant fund uses are:**

- Developing and implementing methods for establishing and maintaining effective communications between stakeholders
- Enforcing state damage prevention laws and regulations
- Improving technologies that may enhance communications, underground pipeline locating capability
- Developing and implementing effective employee training programs of operators, excavators, and locators

**Statutory Authority:** 49 U.S.C. § 60134

**Contact:** [PHMSA.Pipelinesafety@dot.gov](mailto:PHMSA.Pipelinesafety@dot.gov)

## Pipeline Emergency Response Grant (PERG)

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The PERG focuses on incident response activities related to the transportation of gas or hazardous liquids by pipeline in high consequence areas. PERG funding will be awarded to eligible states, counties, and local governments to train individuals in areas with statutory responsibility to respond to pipeline incidents. PHMSA maintains the discretion to specify eligibility to only state applications in support of counties and local governments. In this case, states are strongly encouraged to coordinate and select one state agency to apply for the PERG.

**Funding available:** Estimated \$2.5 million

**Eligible entities:** States, counties, and local governments, unless otherwise specified

**Examples of PERG grant fund uses are:**

- Pipeline emergency response planning, training, and exercises
- Pipeline Emergency Responder Initiative (PERI) development and training
- Pipeline leak recognition and release evacuation training
- Development and maintenance of pipeline training curriculum
- Training props, equipment, and supplies

**Statutory Authority:** 49 U.S.C. § 60125(b)

**Contact:** [PERG@dot.gov](mailto:PERG@dot.gov)

## Competitive Academic Agreement Program (CAAP)

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The CAAP provides funding for academic research, to give tomorrow's pipeline safety workforce an early opportunity to contribute safety solutions. PHMSA is working to drive innovation by funding projects that can deliver cutting-edge research and/or technology for the safety of the nation's 2.8-million-mile pipeline transportation network. The awards cover research projects up to 3 years in duration. The cooperative agreements are competitively selected, and the number of awards depends on the quality of submissions and budget limitations.

**Funding available:** Award funding varies; however, available funding an estimated \$2 million annually, plus a 20 percent cost sharing by university partners on each project.

**Eligible entities:** Nonprofit institutions of higher education located in the United States or a U.S. Territory or possession

**Examples of CAAP grant fund uses are:**

- Detection of corrosive fluids inside pressure vessels and piping
- Corrosion in natural gas transmission lines
- Corrosion monitoring in pipelines
- New bio-inspired 3D printing
- Artificial intelligence

**Statutory Authority:** Section 12 of the Pipeline Safety Improvement Act of 2002 (Pub. L. 107-355)

**Contact:** [PHMSA.Pipelinesafety@dot.gov](mailto:PHMSA.Pipelinesafety@dot.gov)

# Natural Gas Distribution Infrastructure Safety and Modernization Grant (NGDISM)

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NGDISM grant funding will be made available to a municipality or community-owned utility (not including for-profit entities) to repair, rehabilitate, or replace its natural gas distribution pipeline systems or portions thereof, or to acquire equipment to 1) reduce incidents and fatalities, and 2) avoid economic losses.

**Funding available:** Up to \$200 million for each of fiscal years 2022 to 2026.

**Eligible entities:** Municipality or community owned utilities (not including for-profit entities)

**Examples of BIL grant fund uses are:**

- Natural gas infrastructure projects
  - \* Replace cast iron pipe, bare steel pipe and vintage leak prone plastic pipe
  - \* Repair, rehabilitation, or replacement of legacy pipelines
- Purchase of pipeline safety equipment

**Statutory Authority:** Infrastructure Investment and Jobs Act (Pub. L. 117-58)

**Contact:** [PHMSAPipelineBILGrant@dot.gov](mailto:PHMSAPipelineBILGrant@dot.gov)  
202-366-7652

## R&D

### Pipeline Research and Development

PHMSA sponsors R&D projects focused on providing near-term solutions to help ensure the safe, reliable, and environmentally-sound operation of the nation's pipeline system. The R&D program provides support for projects focused on developing solutions that will improve pipeline safety, reduce the environmental impact of failures, and enhance pipeline transportation. The funding for this program aligns with PHMSA's R&D strategic plan, which encourages a collaborative approach to addressing pipeline challenges.

**Funding available:** Approximately \$12.3 million annually

**Eligible entities:** Research projects are conducted by federal agencies, private companies, and universities

**Examples of R&D fund uses are:**

- Recent R&D projects focused on leak detection
- Detection of mechanical damage, damage prevention
- Improved pipeline system controls, monitoring, and operations
- Improvements in pipeline materials.

**Statutory Authority:** Section 12 of the Pipeline Safety Improvement Act of 2002 (Pub. L. 107-355)

**Contact:** [PHMSA.Pipelinesafety@dot.gov](mailto:PHMSA.Pipelinesafety@dot.gov)

**For the Office of Hazardous  
Materials Safety, contact:**

**The Hazardous Materials Info Center**

**1-800-HMR-4922**

(1-800-467-4922)

E-mail: [infocntr@dot.gov](mailto:infocntr@dot.gov)

[https://www.phmsa.dot.gov/about-phmsa/offices/  
office-hazardous-materials-safety](https://www.phmsa.dot.gov/about-phmsa/offices/office-hazardous-materials-safety)

**For the Office of Pipeline Safety,  
contact:**

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Email: [PHMSA.Pipelinesafety@dot.gov](mailto:PHMSA.Pipelinesafety@dot.gov)

[https://www.phmsa.dot.gov/about-phmsa/offices/  
office-pipeline-safety](https://www.phmsa.dot.gov/about-phmsa/offices/office-pipeline-safety)

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