

Application for the ASME Foundation's 2026 Hermann Rosen Award for Pipeline Innovation

Our purpose is to inspire and support the next generation of pipeliners and energy transportation engineers by recognizing ideas that can disrupt best practices in water and energy pipelines.

Eligibility Criteria

- Students and early-career professionals (≤ 10 years from graduation). Teams are welcome.
- Must not be or have been a ROSEN Group or rosenxt employee in the past twelve months.
- Projects from focus areas such as: Pipeline integrity, inspection & robotics, above ground surveys, threat monitoring, rehabilitation, right-of-way maintenance, leak detection, IoT, computational modelling, natural language applications, data management, data science, analytics, AI, materials & coatings, safety, sustainability, technical and managerial frameworks, new fuels, CCUS, water lines.
- All submissions will be kept confidential within the Hermann Rosen Award team.

Submission Details

- Deadline:** June 30, 2026
- Email:** RosenAward@asme.org
- Format:** Complete all sections and submit as a single PDF attachment.

Selection — Finalist Stage

Finalists will be invited to submit additional materials and join a short video interview.

Within 10 business days of notification, finalists must provide:

- 10–12 slide pitch deck (problem, solution, uniqueness, impact metrics, adoption path, timeline, asks)
- 1–3 minute video introduction of themselves and their project
- 1–3 visuals (diagrams, drawings, photos, data plots)

Additionally, the five finalists will join a 20–30 minute online interview (solution walkthrough + Q&A).

Section 1: Applicant / Team Information

Is this innovation developed by: Individual Team

Full Name(s) and Role(s):

Email(s):

Primary Contact Phone (incl. country code):

School/University & Graduation Year (or anticipated):

Years of Professional Experience (each team member):

Current Company/Employer (if project developed in collaboration with company):

Nationality:

Current Country of Residence:

LinkedIn Profile URL(s), if available:

Short Biography (3–4 sentences about yourself / your team):

Section 2: Innovation Details

Innovation Name / Title:

Which sub-sector(s) does your innovation address? Select all that apply:

- Pipeline Integrity Inspection & Robotics Above Ground Surveys Threat Monitoring
- Rehabilitation Right-of-Way Maintenance Leak Detection IoT
- Computational Modeling Natural Language Applications Data Management Data Science
- Analytics Artificial Intelligence (AI) Materials & Coatings Safety
- Sustainability Technical & Managerial Frameworks New Fuels CCUS
- Water Lines
- Other:

Type of Innovation:

- Hardware Technology Hybrid Other:

Stage of Development:

- Concept Prototype Ready-to-Market

I confirm I have the right to apply with this innovation.

Summary of Solution (2–4 sentences):

Section 3: Project Brief

Please provide a detailed description of your project addressing at least the following questions. The combined total across all five responses below should be between 1,000 and 5,000 words.

Problem Definition:

What problem are you trying to solve, for whom, and why is it important in pipelines/transport? Include baseline (current practice, limitations).

Innovation:

Explain your solution and what makes it innovative. What are key differentiators vs. existing solutions?

Planned Progress:

What next steps are moving your innovation forward?

Impact:

How will your innovation create positive impact(s) in terms of safety, environmental, economic and/or operational?

Path to Scale:

Who will adopt your solution (operators, regulators, service providers)? How will the solution be provided (business model, open source)?