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Research and Innovation  
Work Group - **2016 Project  
Proposal**

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SEPTEMBER 2016



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# 1. Project Contacts

## 1.1. SPONSOR

## 1.2. STEERING COMMITTEE

Research and Innovation Work Group

## 1.3. FOUNDATION CONTACT

Kevin Hill, Acuren – Research and Innovation Work Group Chair

# 2. Problem Statement

The Research and Innovation Work Group is trying to solve the following problem statement:

How can we leverage the current research and innovation practices within the industry to advance the safety and reliability of pipeline operations and services while avoiding the duplication of effort?

# 3. Expected Audience

Companies interested in the continuous improvement of their products and services while optimizing the capital required.

# 4. Outreach

This project would seek to develop a web-based database where content can be shared to CEPA Foundations members and other organizations (PRCI, ASME, INGAA, etc...). The content would be technology, research, or improvements that enhance the safety and reputation of the pipeline industry.

Examples of content would be research, technological advances, case studies (landowner/ROW/FN relationships, technical challenges, safety culture development, strategy development and implementation, etc...), lessons learned, and accident investigations (like the Chemical Safety Board reports) to name a few.

# 5. Benefits to Foundation Membership

The CEPA Foundation vision is to bring together the entire Canadian energy pipeline industry to ensure excellence in our performance.

The Research and Innovation work group initiative to develop a forum for sharing technology and research with other pipeline groups such as PRCI and INGAA would provide access for Foundation members to international advances and uses of research and technology for pipelines.

Foundation membership can benefit from this initiative by collaborating and sharing content that

will improve the safety and performance of pipeline operations at a much faster rate.

## 6. Possible Contractors

LinkedIn may provide a current platform for developing a forum.

Otherwise, webhosting services might be needed.

## 7. High Level Estimated Cost

## 8. Desired Completion Date

## 9. High Level Methodology

Develop budget required to create, maintain, and operate a web service and database that would be intuitive to use and secure.

Approach similar organizations for knowledge and technology sharing partnerships.

Find vendors who have the capability to make this happen (IHS is a great distributor of knowledge and creates content).

Seek content from CEPA Foundation members.