

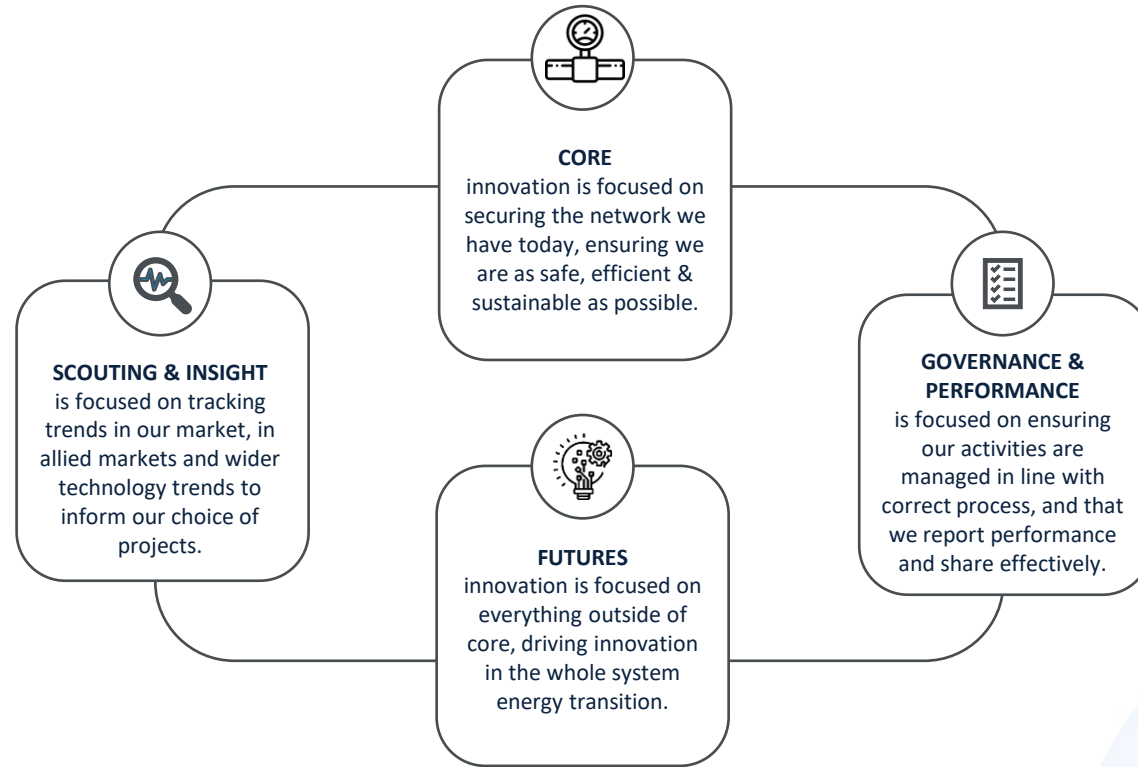
# Basecamp 2025

EIP140 Optimise Riser Replacement

Gordon McMillan – Discovery and Scouting Lead

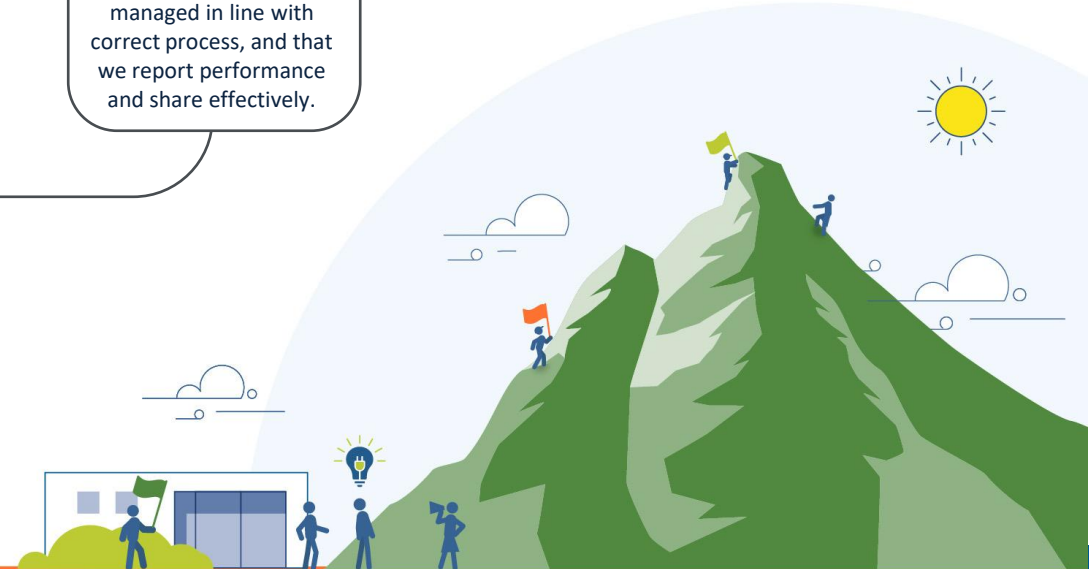
13 February 2025

# Introduction



**Gordon McMillan**

Innovation Scouting & Discovery Lead:



# Background Details

## Background Information

Gas risers connect the local gas network to individual meters in multi-occupancy buildings.

Made from iron, copper, steel, or plastic, these risers can be routed internally and externally.

Typically, between 1-2 inches in diameter, the risers are inspected and maintained ensuring compliance with safety regulations.

As part of the riser replacement program, SGN identifies and replaces aging or corroded risers to prevent potential gas leaks to ensure continuous safe gas delivery to residents.



# Problem Statement

# What are the Problems?



## Issues when replacing risers :

- **Scaffolding Requirements**
- **Access and Coordination**
- **Safety and Compliance**
- **Disruption to Residents**
- **Technical Challenges**
- **Cost Management**



# Our Expectations

## What are we looking for?

We are seeking new and creative innovative ideas that will drive innovation in improving how riser replacement is carried out from the replacement itself to surveying:

- Develop methods to minimize or eliminate the need for scaffolding
- Develop solutions to efficiently gain access to individual premises.
- Utilize materials and technologies that enhance the safety and longevity of gas riser installations while minimising noise, dust, and other disruptions during replacement activities.

## Solutions must be:

- Regulatory Compliance
- Budget Limitations
- Time Efficiency





# IMPORTANT

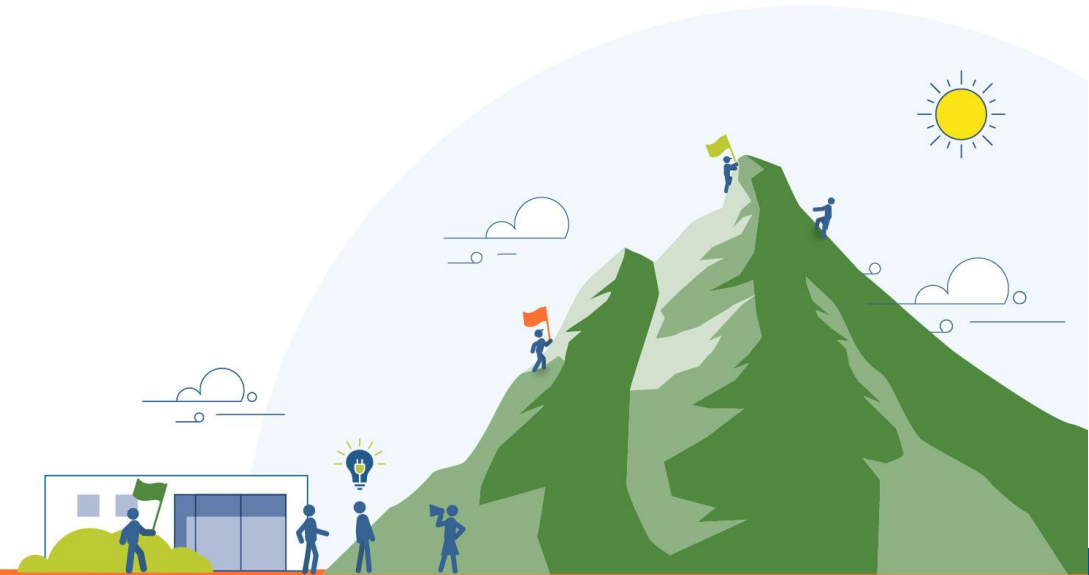
**It is important for all innovators to note that we are looking for plans rather than just ideas as solutions.**

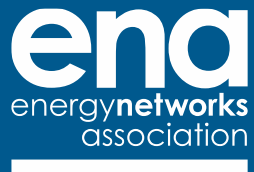


## Key Contacts:

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- **ANY QUESTIONS?**





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