

Is there an alternative to pipe cladding?

EIP017

28 February 2023

Background

- Pipe cladding is common on our operational sites to prevent noise pollution and in some cases for thermal properties.
- Made of a variety of materials including Glass Reinforced Plastic (GRP)
- Our high risk sites also have Noise and Vibration Management Plans.
- Cladding prevent noise issues but totally encapsulates the pipeline or asset.
- This means that integrity inspection cannot occur unless the cladding is removed and reapplied, occurs ~every 4-5 years.
- If water gets under the cladding then corrosion can occur at a faster rate than non cladded pipe



Enablers and Constraints



- NIA_NGGT0127 – Valve Pits Insulation
 - Focused on using sound deadening foam panels in buried pits to prevent noise pollution.
- Looking at potential solutions to remove the cladding and look at other methods to prevent noise pollution issues.
- Hard to encase the pipelines or assets but not prevent inspections for any corrosion

Involvement and Implementation

- Beneficiaries would be pipeline operators who are required to use cladding
 - Onshore transmission and distribution companies
 - Gas terminals
 - Offshore pipeline operators
- Target Market size – Globally, Large
- Target Implementation Date – used currently, so as soon as possible

Energy Innovation Basecamp

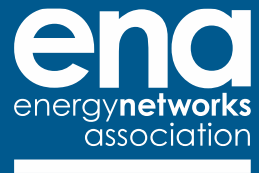
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Participant joining code
[Slido.com](https://www.slido.com)

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