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Gas
Networks
Ireland

PCI 5.1.1-0005-UKIE-S-M-16

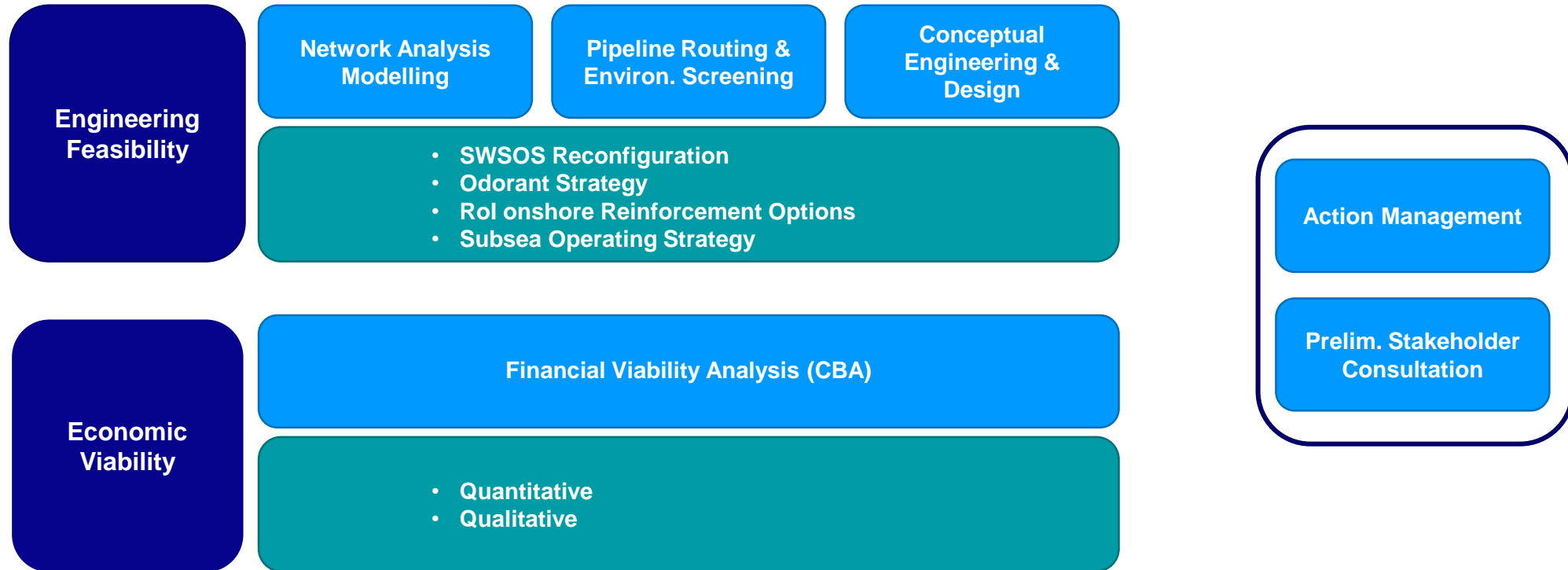
Physical reverse flow at Moffat interconnection point (IE/UK)

Project Promotor: Gas Networks Ireland

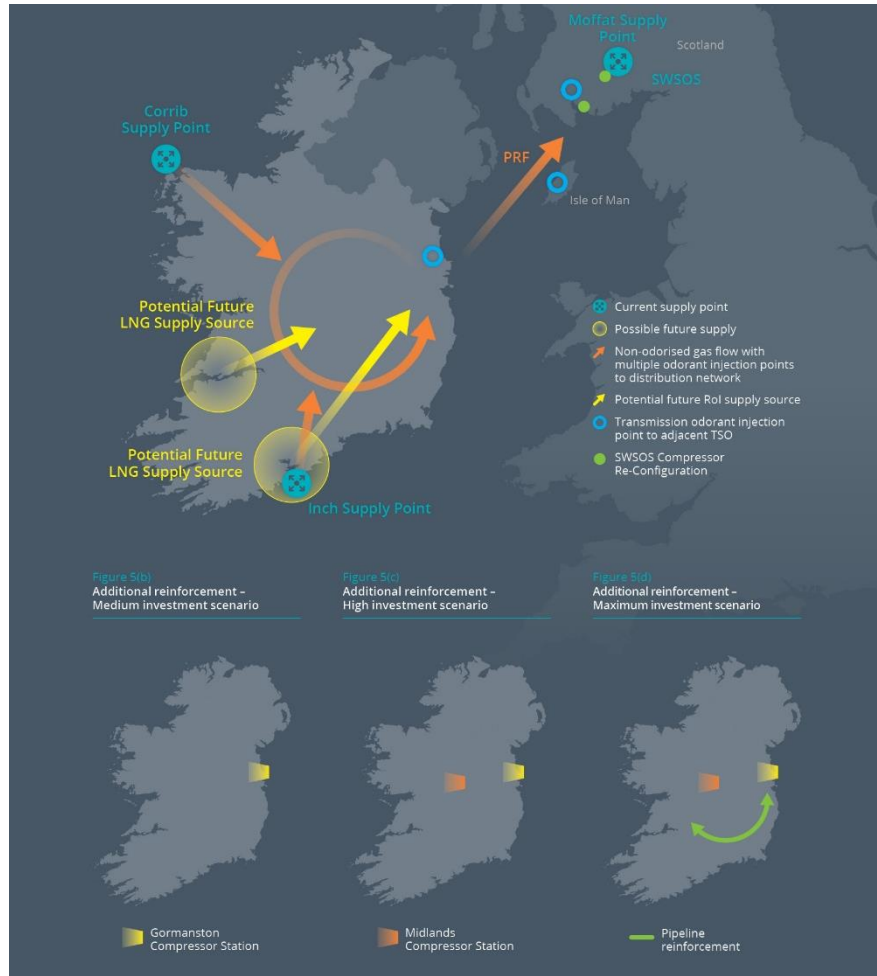
Feasibility Study update to Code Mod Forum

27th March 2019

PCI 5.1.1: Project Structure (Feasibility Study)



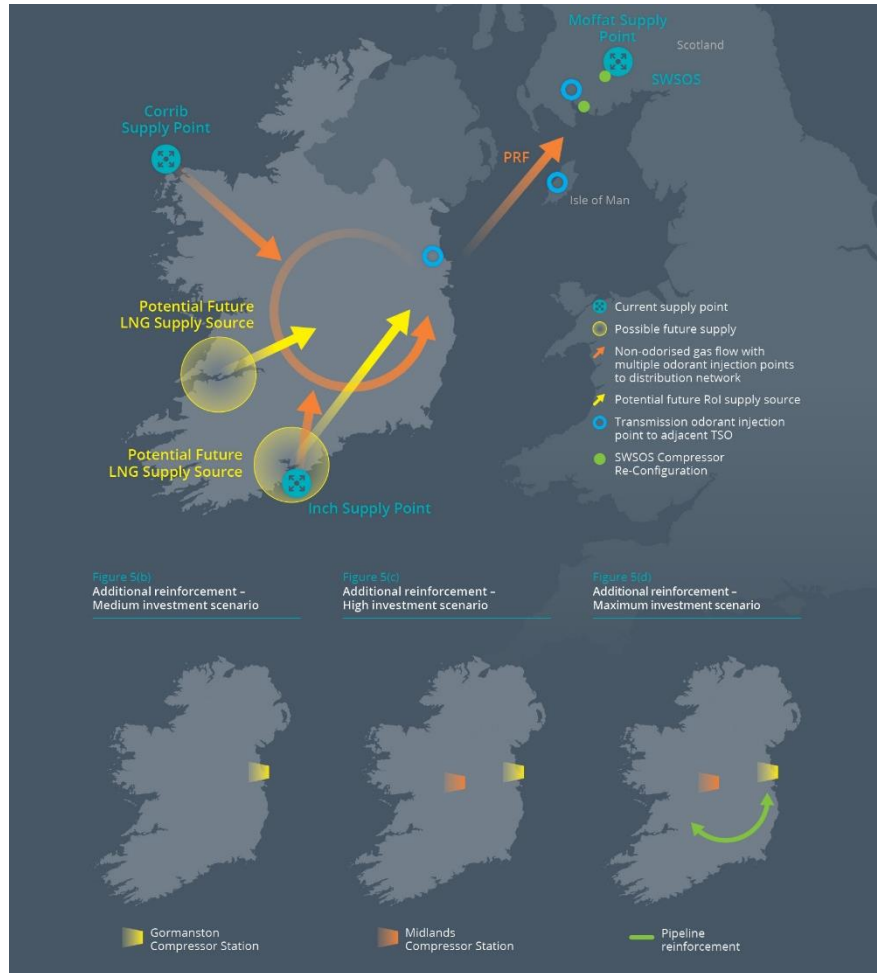
PCI 5.1.1 Feasibility Study: Outcome



- Objectives of the Action met through implementation and completion of the 6 activities as outlined in the GA
- Key Outcomes:
 - Compressor station requirements and proposed location in Ireland determined
 - The most economically advantageous and technically feasible odorant strategy has been developed
 - Impact on the operation of the Irish and UK (National Grid) transmission networks determined
 - Pipeline routing and options analysis completed, including high-level environmental screening
 - Preliminary stakeholder consultations completed
 - Financial viability of the project has been assessed



PCI 5.1.1 Cost Benefit Analysis



Investment Scenario	Upfront Investment (€ million)	PRF Capacity (GWh/day)	Monetised NPV (€ million)
Minimum	53	95	-102
Medium	119	139	-201
High	230	237	-405
Maximum	484	297	-666

- PRF at the Moffat Interconnection Point is hydraulically and technically viable, with a number of potential design options that could be implemented.
- The CBA indicates that all design solutions are estimated to have a negative monetised NPV based on estimates of the private benefits. The project would therefore not be viable based on private benefits alone.

PCI 5.1.1 Next Steps



- PCI 5.1.1 *Physical Reverse Flow at Moffat interconnection point (IE/UK)* feasibility is now complete
- Results of the feasibility study will feed into the upcoming Market Consultation for Physical Reverse Flow at Moffat
- GNI will assess the outcome of the market consultation, and progress the project accordingly:
 - The existing investment gap would deem the project unlikely to progress to FEED stage in the near term, subject to industry consultation via the market test
 - GNI will continue to monitor ongoing market dynamics / economics
 - GNI will seek to retain PCI 5.1.1 as a project of common interest
 - Maintaining PCI status will afford the opportunity to apply for CEF funding in the event that future market dynamics and/or economic advances result in the investment gap closing in



Q & A



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