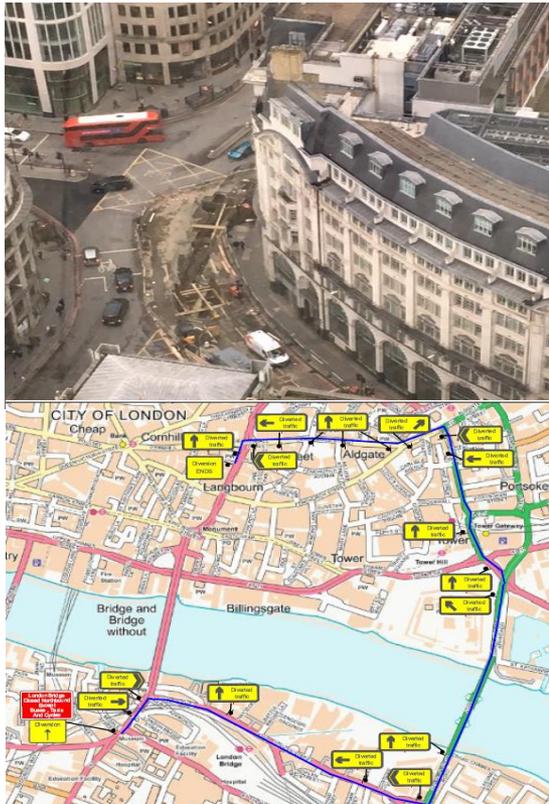


Example of Eligible Project:

# City of London Mains Replacement Scheme

Eligible Category: Retrofit of gas transmission and distribution networks



Description	Replacement of old Victorian gas mains in the City of London
Objective	<p>Gas replacement works due to high risk pipes in close proximity to high profile public buildings and high volumes of commuters associated with nearby Rail and Underground Stations</p> <p>Mains Replacement Programme facilitates the integration of hydrogen, and reduces methane leakage</p>
Key works	<ul style="list-style-type: none"> <li>• Replacement of aging gas pipes in Cannon Street and Grace Church street due to high leakage reports and evacuations associated with public reported gas escapes which had resulted in many unplanned closures of the road network</li> <li>• One of the busiest parts of the strategic road network in Central London</li> <li>• Redevelopment of Cannon Street Underground Station and surrounding buildings</li> <li>• Enhancing our security of supply and a more resilient gas network omitting less leakage reducing our carbon footprint</li> <li>• The project was presented to the City of London Assembly and endorsed as a project that would benefit the local community, businesses and improve traffic flows</li> </ul>
Why it matters	<p>This project forms part of the London mains replacement and condition policy and after completion the benefits to all parties have been realised and feedback from the business community and the City of London with the enhanced infrastructure providing a safe and reliable gas network in the heart of London.</p>
Completion date	Project completed in October 2019

**Specific actions and studies to ensure we protect local wildlife, communities and archaeology:**

- Developed robust feasibility study to identify that the works could be completed in a timely and efficient manner whilst keeping this strategic part of London moving and operating as business as usual.
- Replacement of aging gas mains that had leakage history, this also stops future unplanned works and traffic congestion and loss of business
- Collaboration with the City of London and TfL to support the very complex traffic management plans not just for traffic flows but for pedestrians flows from the commuter hubs.
- Established community / stakeholder liaison communication plan with all key stakeholders and business leaders
- Project delivered within budget and ahead of programme with no complaints

*Example of Eligible Project:*

# Islington London Mains & Governor replacement

**Eligible Category: Retrofit of gas transmission and distribution networks**



Description	Replacement of 36" cast iron larger diameter mains and R6 governor
Objective	To allow the regeneration and development of Highbury Corner and surrounding area to facilitate environmental and traffic flow improvements for Transport for London and the London Borough of Islington Mains Replacement Programme facilitates the integration of hydrogen, and reduces methane leakage
Key works	<ul style="list-style-type: none"> <li>• Replacement of the last R6 obsolete governor and 1.3km of 36" large diameter gas mains</li> <li>• Public Exhibition held with Cllr's, Friends of Canonbury Square and key stakeholder groups setup to plan the works which are in a very suburban area but associated with a protected green space.</li> <li>• Environmental improvement for the area and protect and enhance the green space associated with the works</li> <li>• Enhancing our security of supply and a more resilient gas network omitting less leakage reducing our carbon footprint</li> <li>• Replacing and enhancing a strategic part of our gas network in the heart of London that circa of 60,000 customers are dependant on.</li> </ul>
Why it matters	This project forms part of the London mains replacement programme and in particular the replacement of an old gas governor in area of green space Canonbury Square which dates back to 1840 and is protected under the London Mayors polices so as green spaces are not lost and can be enjoyed by the public
Completion date	Governor project completed in December 2019 with mains replacement ongoing

**Specific actions and studies to ensure we protect local wildlife, communities and archaeology:**

- Developed robust feasibility study to identify locations that were suitable for the works so as the local community could have continuous access to their park
- Replacement of aging gas mains that had leakage history, this also stops future unplanned works and traffic congestion
- Collaboration with Islington and TfL so as all works could be delivered under one scheme reducing the occupation of then road space and minimising the impact on our customer and the local and community and businesses
- Established community / stakeholder liaison communication plan with all key stakeholders and residents held regular community meetings
- New gas infrastructure which is more environmentally friendly, designed and installed a underground governor to protect the aesthetics of Canonbury Square and the surrounding area

# Example of Eligible Project: Hornsey London Regeneration

**Eligible Category: Retrofit of gas transmission and distribution networks**



Description	Replacement of a Pressure Reduction Station IP, MP, LP Governor and associated pipework
Objective	To allow the regeneration of the old gas works site and provide new infrastructure, housing and retail Mains Replacement Programme facilitates the integration of hydrogen, and reduces methane leakage
Key works	<ul style="list-style-type: none"> <li>• Major build of new PRS and intermediate gas pipe lines</li> <li>• Community group setup with all key stakeholders and residents with public exhibitions to challenge and reviews the plans.</li> <li>• Environmental as the regeneration cleaned up the old contaminated land</li> <li>• New affordable homes in the heart of London</li> <li>• Increased resilience and capacity for growth on the gas network</li> </ul>
Why it matters	This project forms part of the wider London regeneration schemes providing additional housing, business and retail premises Cleaning up contaminated land and providing green outdoor spaces Significant investment circa £11.4m increasing the capacity of the gas flow for the growth and demand in London and providing an up to date reliable gas infrastructure
Completion date	Project completed in January 2020

**Specific actions and studies to ensure we protect local wildlife, communities and archaeology:**

- Developed robust feasibility study to identify the gas network configuration so as we could maintain minimum gas pressures during the works
- Regeneration of contaminated land
- Carried out environmental and archaeological screening to identify requirement for any mitigation works
- Established community / stakeholder liaison communication plan with all key stakeholders and residents
- New gas infrastructure which is more environmentally friendly, built specifically to blend in with the architecture with reduced noise and emissions