

Impact area	Overview of potential impacts
Agriculture and soils	There would be a temporary loss of agricultural land which would be reinstated, except for the permanent loss of small areas of agricultural land at above ground installations (AGIs).
Air quality	There is potential for short term impacts due to dust during construction, therefore we will provide mitigation to reduce dust from excavation and prevent it tracking onto local highways. We are consulting with local authorities to ensure we use the most appropriate construction routes to reduce impacts where practicable. The daily operation of the pipelines is not expected to have any impact on local air quality.
Ecology and biodiversity	We will minimise construction impact by seeking to avoid habitats and protected species such as badgers, water vole and bats; and timing works to avoid migrating and nesting birds. We do not expect significant impacts on habitats and species during operation.
Noise and vibration	Most construction is away from residential areas, however there is potential for short term impacts. We will mitigate these impacts where practicable, for example using temporary noise barriers. We are undertaking further assessments to understand and manage long-term impacts during operation, such as near the Pump Facility.
Traffic and transport	Construction vehicles will use pre-agreed routes, typically avoiding villages, high streets and single lane roads. We are working with the local authorities to agree appropriate routes to minimise local impacts. During operation there will be very little traffic associated with the pipelines.
Heritage	The route of the pipelines avoids listed buildings and other known historical features. We will be doing surveys to check for unknown historical features below ground. We are working closely with the local authorities and Historic England on this.
Hydrology and drainage	The impact of the Project on watercourses and flooding is being assessed. The pipelines will need to cross a number of rivers and drains and we are working with stakeholders to inform the design.