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## Plan Overview

*A Data Management Plan created using DMPonline*

**Title:** Development of an instrumented jacking pipe for optimisation of soil pipe lubricant interface mechanics in microtunnelling

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# **Development of an instrumented jacking pipe for optimisation of soil pipe lubricant interface mechanics in microtunnelling**

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## **Data description and collection or re-use of existing data**

**How will new data be collected or produced and/or how will existing data be re-used?**

**What data (for example the kind, formats, and volumes), will be collected or produced?**

## **Documentation and data quality**

**What metadata and documentation (for example the methodology of data collection and way of organising data) will accompany data?**

**What data quality control measures will be used?**

## **Storage and backup during the research process**

**How will data and metadata be stored and backed up during the research process?**

**How will data security and protection of sensitive data be taken care of during the research?**

## **Legal and ethical requirements, codes of conduct**

**If personal data are processed, how will compliance with legislation on personal data and on security be ensured?**

**How will other legal issues, such as intellectual property rights and ownership, be managed? What legislation is applicable?**

**What ethical issues and codes of conduct are there, and how will they be taken into account?**

### **Data sharing and long-term preservation**

**How and when will data be shared? Are there possible restrictions to data sharing or embargo reasons?**

**How will data for preservation be selected, and where data will be preserved long-term (for example a data repository or archive)?**

**What methods or software tools are needed to access and use data?**

**How will the application of a unique and persistent identifier (such as a Digital Object Identifier (DOI)) to each data set be ensured?**

### **Data management responsibilities and resources**

**Who (for example role, position, and institution) will be responsible for data management (i.e. the data steward)?**

**What resources (for example financial and time) will be dedicated to data management and ensuring that data will be FAIR (Findable, Accessible, Interoperable, Re-usable)?**