

### INTRODUCTION

Fugro Structural Monitoring, the specialist division of Fugro Limited, has offered measurement services for several years. Among our capabilities are a range of vibration monitoring services designed to minimise the cost of meeting the vibration objectives of any project. These might include legislative limits imposed to protect existing structures; monitoring to reduce the likelihood of complaint – or as a result of complaints; limits with alarms for sensitive structures or equipment; and pre-construction surveys to determine suitability for development.

A full pool of equipment, tested and calibrated regularly, means that most jobs can be performed with minimal notice. The expertise built up over the years, with particular experience on railways, urban transport systems and tunnels, leads to vibration monitoring tailored to our clients' needs including consultancy services relating to likelihood of complaint or potential for structural damage.

### APPLICATIONS

Typical Applications include:

#### ***Piling Vibrations***

- Buildings
- Tunnels
- Bridges
- Human Comfort

#### ***Heavy Machinery***

#### ***Transportation***

#### ***Demolition***



*Setting up a logger during piling*

The Fugro Group is an international organisation with around seven thousand staff in over fifty countries. Our major disciplines are Geotechnics, Environmental Services and Survey.

## OUR SERVICES

The range of services offered can be summarised in the diagram below. If you have requirements not included, we will be happy to discuss them further.

SIMPLE RENTAL OF EQUIPMENT

DELIVERY TO SITE, INSTRUCTION AND RENTAL

ATTENDANCE ON SITE, EQUIPMENT RENTAL AND OPERATIONAL REPORTING

CUSTOM PREPARATION AND INSTALLATION OF COMPLEX OR LONG-TERM SYSTEMS

FULL CONSULTANCY SERVICES INCLUDING GUIDANCE ON LIMITS, INTERPRETATION OF DATA AND REPORTING

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