**Company: Dwr Cymru Welsh Water**

**Contact: Willow Smallbone**

**Briefly describe the idea or problem and discuss why this project is relevant and timely.**

Welsh Water 2050 sets out our long term vision which will help us address the many challenges that lie ahead - from climate and demographic change to the pace of technological change and also to increasing customer expectations.

We also know that our customers expect us to anticipate these future challenges to ensure we continue to provide them with a service they can trust.

**What are the specific aims of this project?**

TBC

**What specific methodologies/skills/software are most important for this project?**

* Data mining
* Programming
* Data manipulation
* Statistical modelling/Machine Learning
* Software Python

**Do you envisage any barriers that may impact on the objectives of this project? For example, availability or access to data based on the current pandemic/working from home.**

**Are there any eligibility requirements to undertake this work?**

**Is the project suitable for a part-time student?**