



Solutions & development

As the project is new we are in the early stages of development but our goal is clear.

Cleaner, healthier rivers.

Mapping the first river has begun, research and planning/ funding applications for solutions is underway.

We aim to have real solutions in place as we go rather than building up a list of issues with no plan of action in place.

The website will be updated as the project progresses



Citizen science projects.

Other Citizen Science projects deal with different aspects of data collection from our rivers to provide relative and important information, through collaboration we can:

Locate and monitor the source of any pollution: River influence
Assess river water with lab tested water samples: Freshwater watch
Regularly monitor invertebrates, habitat health: Riverfly partnership

Riverfly Partnership (ARMI): Trained volunteers monitor freshwater invertebrates as indicators of river health, data is submitted online and entered into a UK wide database through the project coordinator. Regular monitoring may highlight changes in habitat health due to changes in water quality.

Freshwater watch: Trained volunteers assess the condition of the watercourse and gather water samples to be sent for lab analyses. Dissolved oxygen, Nitrate & Phosphate levels are recorded. Freshwater Watch is a global community of Citizen scientists monitoring to improve water quality.

All three projects working together provide the means to find and monitor pollution sources, lab test water quality & check for changes in ecology affecting habitat through regular monitoring.



Working together

Mapping will highlight point source pollution which is something we need to understand.

Partnering with other Citizen Science projects will provide data on invertebrate numbers and water quality analyses providing a clear picture of the effects pollution is having on habitat health.

Any fluctuations in invertebrate numbers would indicate a change in habitat health, fluctuations in water testing results will similarly highlight changes in water quality.

Through collaboration and continual monitoring we will know exactly where to look and be able to pinpoint issues instantly to the relevant authorities for further investigation.

These projects enable community groups and volunteers to discover any ecological and habitat changes, trace potential sources and highlight issues before any potential disasters or events may occur. This is where we need to be to ensure our rivers can recover and remain healthy, full of life and no threat to animal or human health.