

## Glossary

## **Biodiversity**

The name given to all living things on earth, including animal and plant species, fungi and micro-organisms.

## **Carbon footprint**

The amount of carbon dioxide released into the atmosphere as a result of everything we do. You can measure your own carbon footprint that of your family, or even a population.

## Community orchard

A collection of fruit trees growing in publicly accessible areas such as green spaces, parks, schools or churchyards. They are a shared resource and not managed for profit.

#### Carbon emissions

The carbon dioxide that is released into the atmosphere as a result of things we do.

#### Fish ladders

Otherwise known as fish passes break the journey up a weir into shorter, less steep sections for the fish to take one at a time.

#### Greenhouse effect

A process that occurs when gases in Earth's atmosphere trap the Sun's heat.

## **Heat exchangers**

A heat exchanger is a system used to transfer heat between two or more fluids. Heat exchangers are used in both cooling and heating processes.

## Hydropower

Power produced from the [energy] of falling or fast-running water.

#### Photovoltaic cells

An electrical device that converts the energy of light directly into electricity.

## Reed fringe

Reeds that grow along the river bank, forming a 'fringe'.

# Sites of Special Scientific Interest SSSIs

Areas of particular interest to science due to the rare species of fauna or flora it contains.

## Water source heat pumps

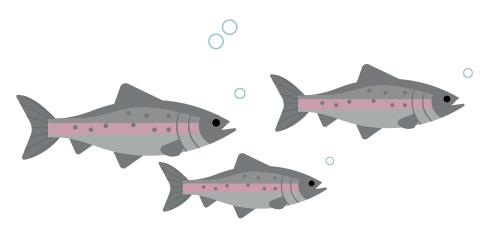
Pumps which take the natural heat that's present in rivers or other water and convert it into useful energy to heat your home.

## Water stewardship

Responsibility for, planning and management of water – make sure water is used responsibly, fairly and sustainably.

#### Wind turbines

Structures that use wind to make electricity. The wind turns a blade, which spins a shaft, which connects to a generator and makes electricity.



Charity Number 1146792 April 2021, ICM 13517