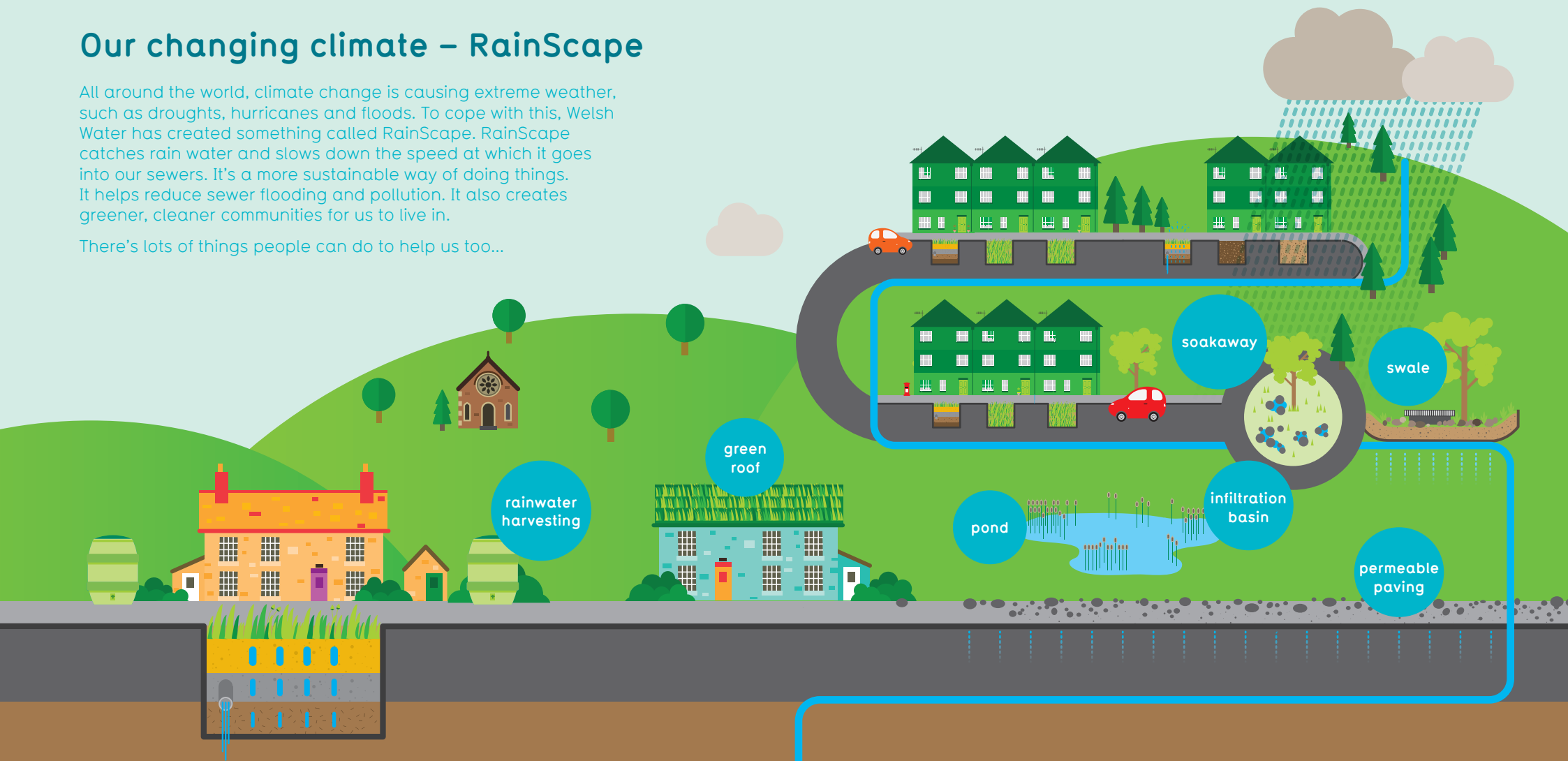


Our changing climate – RainScape

All around the world, climate change is causing extreme weather, such as droughts, hurricanes and floods. To cope with this, Welsh Water has created something called RainScape. RainScape catches rain water and slows down the speed at which it goes into our sewers. It's a more sustainable way of doing things. It helps reduce sewer flooding and pollution. It also creates greener, cleaner communities for us to live in.

There's lots of things people can do to help us too...



Rainwater harvesting

Water butts are used to capture rain water. The water can then be recycled and used for watering plants or washing the car.

Green roof

A grass roof on a shed, garage or even a house can absorb water and reduce flooding.

Swale

A shallow, grassy channel that carries rainwater from roads and car parks, cleaning the water as it goes. These allow the water to evaporate and soak away, or to reach a nearby stream instead of the sewer.

Soakaway

By directing water into a specially designed hole in the ground, rain water can be stored safely, and allowed to soak into the bottom of the hole.

Infiltration basin

These are designed to fill up like a pond in heavy rainfall, then gradually allow water into nearby streams and rivers, or in some cases back into the sewer to reduce the risk of flooding.

Permeable paving

Some special paving materials are available that allow surface water to run through them. Rain seeps in to the ground below, rather than flowing in to our sewers.

RainScape benefits

- RainScape benefits
- Less flooding
- Less pollution
- Good for nature – more plants, insects and birds
- Saves money
- Reduce energy use