

## Maybridge Keystone Centre, Raleigh Way Worthing BN12 6JD

### Key features

Automatic sensory lighting and taps,

Natural light flume,

Sedum roof

Demonstration - Using solar power for light and watering in the garden

Visit Breathing Spaces flower farm & rain garden

Come and plant some trees!

Tarring Flood Action Group display

### Introduction and approach

As well as various energy and water saving features of the Maybridge Keystone Centre, this is an exciting chance to see flood resilience in action, plant some trees and visit Breathing Spaces' sustainable community flower farm.

Inside the Centre, Tarring Flood Action Group will have a display and video showing how they have been helping residents to protect their homes from ground water flooding.

There will be regular demonstrations by Breathing Spaces in the Welcome Woodland Garden of its solar-powered features. Rainwater harvested from the Centre's roof is piped into the garden and a solar-powered pump allows it to be used for watering, making the garden independent of mains water and reducing water going to the drains. The solar panel also powers lighting in the yurt and floodlighting for the garden. Follow the signs from the main entrance driveway to the right.

If you are wondering how you can prevent the water that lands on your property from contributing to surface water flooding risk, have a look at the 3-stage rain garden that is part of the community flower farm being developed by Breathing Spaces. As well as the water resilience and biodiversity being created, see how cut-flowers can be grown locally and sustainably, cutting air-miles, unnecessary heating, packaging and water usage. Why not also join in some tree planting to add to the native trees around the playing field. This will happen in the field to the left of the Centre building.



### Energy efficiency measures

The Centre has automatic sensory lighting in the toilets and outside, taps that turn off automatically and natural light flumes in the foyer, which is insulated by a sedum roof. The installation of solar panels is being considered for the future. Some of the windows now have anti-glare treatment. There is a plan to replace the bottled water dispenser with a 'use-your-own cup' mains drinking-water station.

The Yurt and the Welcome Woodland Garden have lighting provided by a solar panel and battery (funded by E.ON). The yurt is insulated with sheep wool and can be heated by wood burning stove.

### Other sustainable measures

Outside, Oak Grove College and many groups and volunteers, including the Maybridge Keystone Club, have planted native trees, which are growing well and which will be added to this year. Breathing Spaces and volunteers also built the therapeutic woodland garden using local Fittleworth sandstone gravel for the paths, chestnut for the fences and reclaimed wood for the raised beds. There is a wood-fired cob oven built from natural materials.

Breathing Spaces and volunteers have developed a vegetable growing area into a community flower farm, which includes apple trees, fruit bushes, wildflowers and the rainwater garden that was built during Eco Open Houses 2018.

**Tarring Flood Action Group has produced a Resilience Plan, an advice pack for householders, initiated an Adopt a Drain scheme with 50 members and they will be showing a video about their progress.**

## **Professional materials**

**Solar panel and battery** – Sunstore

**Armoured cable** – City Electrical Factors

**Wood burning stove** – Woody's

