

The Rotary Eco bottle greenhouse is a Rotary Business Partnership Project.
Rotary identifies business partners to help fund and erect them and schools who will benefit.

School children collect bottles and learn about recycling



#### Prepare the bottles by removing the labels and cut off the bottom 2 inches





# The bottles should be washed

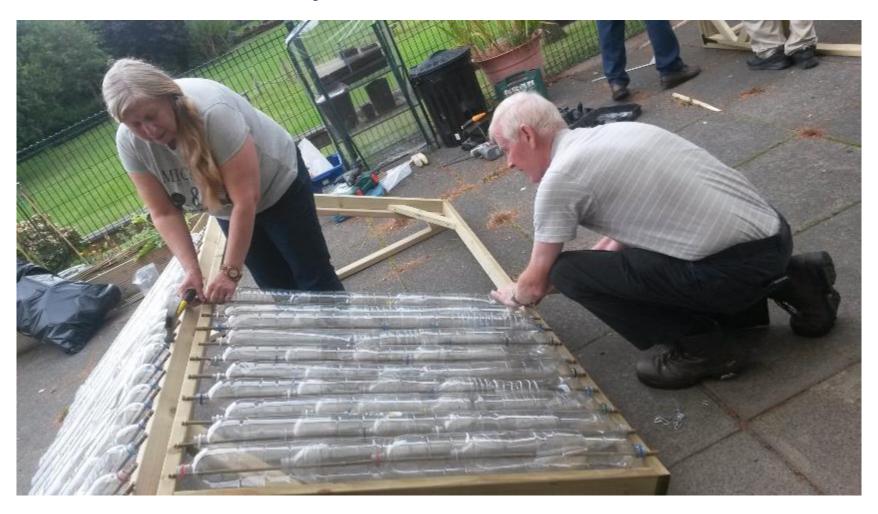
#### The bottles are threaded onto the canes all in one direction apart from the end one



The wooden frame is flat packed and should be assembled according to the Rotary video



### The canes are fixed to the frames with staples. Roof first.



### The roof should be lifted onto the frame before fixing bottles to sides



## The gable ends need to be individually cut and fixed



#### Sides and door are fitted with the bottles



#### The finished product



#### Ready to use



#### The technical details

The frame is made with Fsc wood, which is a sustainable source.

The Dimensions are

2.2m long x 2m wide and 2m in height.

It takes about 24 man hours to construct (4 people for 6 hours).

1,300 two litre plastic bottles are required

#### The full cost for one complete green house is £222.00 inc vat.

If the vat can be claimed back it works out at £185.00

The green houses are not water tight and allow for through air flow. These are design features that make them ideal for schools.