



SOLAR DRIP IRRIGATION TECHNIQUE

This solar drip irrigation technique, developed by *Hortelano Hortament*, allows the distillation of brackish or sea water using only solar energy, replicating the natural hydrologic cycle on a small scale. For the manufacture of *kondenskompressor* discarded PET plastic bottles can be used, bringing down implementation and maintaining costs. This technique allows that plants grow using only the necessary amount of water and also avoids the evaporation of not utilized water.

When this system is implemented for small crops, the amount of used water can be reduced up to 10 times over traditional systems. To use plastic bottles as small greenhouses is a very popular technique in the Mediterranean area, where frosts usually occur in winter. This technique can be easily implemented in countries with long dry seasons and even in desert areas with little access to sources of fresh or salt water.

To know more

[Kondenskompressor Website](#)

[Solar drip irrigation](#)

[Sample video](#)

