

1/2 solar balloon waterpump WIP

Using the power of the sun and wind to pump water from the ground.



Solution

With my approach, I tried to figure what is mostly available in dry countries: The sun.

My concept evolves around the idea of a solar balloon, that produces a pulling force, when the sun heats up the air in the inside.

With this force, an underpressure in a closed well is established, which then pumps water to a kind of reservoir from where the water can be distributed in the fields.

This is just a first sketch of my idea, I will work on the well and the distribution to the crops in the upcoming weeks.

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Creative's profile



RICHARD
LENNOX
BERLIN

richardlennox **PRO**
ID Student