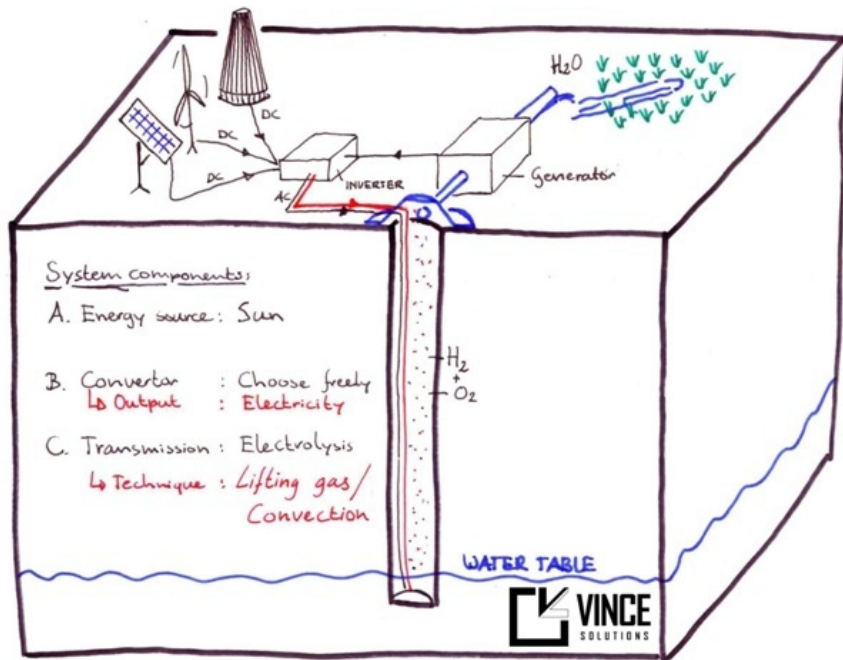


1/2 **Water bomb**

See also: <https://greenpeacechallenge.jovoto.com/ideas/31772/>



System components:
 A. Energy source: Sun
 B. Converter : Choose freely
 ↳ Output : Electricity
 C. Transmission : Electrolysis
 ↳ Technique : Lifting gas/
 Convection

Initial energy source(s) needed because of energy losses (it is not a perpetual motion machine)

- + No moving parts
- + Maintenance free
- + Generator may function as battery charger (phones, lights, radio's, etc.)
- + Sun does not have to shine continuously
- + Wind does not have to blow continuously
- Costs
- Flow rate ?
- Explosion risk
- Theft risk because of high value of components

CONCEPT III: "WATER BOMB"
 23 - 10 - 2013

Solution

This concept works on the fact that a molecule of water exist out of two different elements: hydrogen and oxygen. These elements can be derived from water by the mean of electrolysis. Because hydrogen is about 14 times lighter then air the hydrogen will stream upwards when released into the air through convection. The energy that is takes to split the water molecules comes from a generator that works on burning the hydrogen which will have pure water as output!

But because it is still very hard or rather impossible to make a perpetual system (constantly moving without adding energy), some "starters" are needed. These can be a solar system, a sun tower or a windmill: everything that will deliver a bit of juice to overcome the friction that is within the system.

Component A. Energy source

Energy [R]evolution: A Watershed Moment in India



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Water bomb

See also: <https://greenpeacechallenge.jovoto.com/ideas/31772/>

Creative's profile



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