

Supplementary information file (S1)

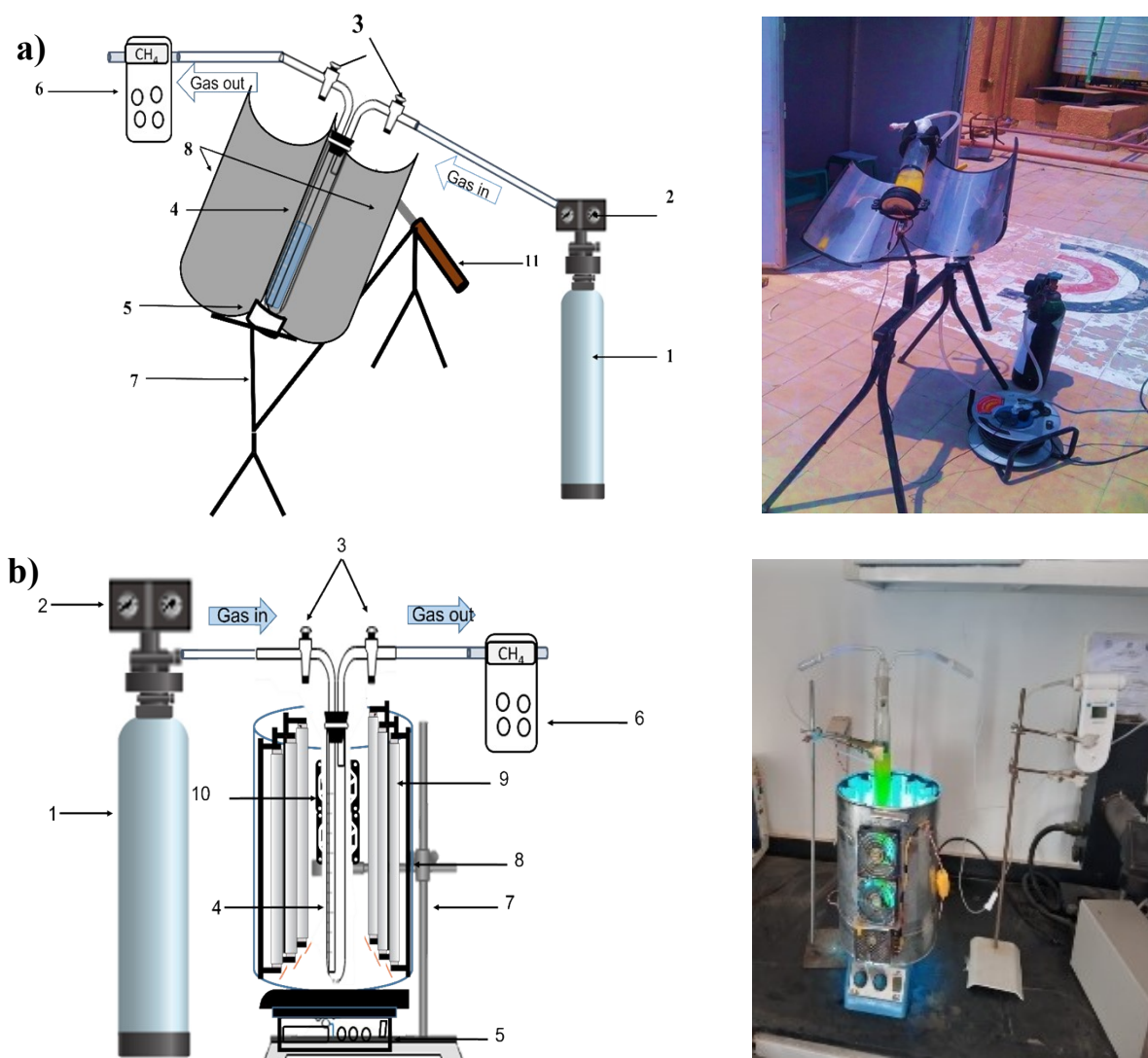


Fig. (S1) A schematic diagram of a) lab-scale UV-reactor; b) proto-type solar photobiogas reactors: 1-Nitrogen cylinder, 2- Gas pressure regulator, 3- Gas Faucet, 4- Reaction tube, 5- the magnetic stirrer, 6- Outgoing gas meter (CH₄, H₂ detector), 7- Holder, 8- Reflective cylinder made of stainless steel, 9- Ultraviolet light bulbs, 10- Cooling fan and 11- Sun tracker stick.