

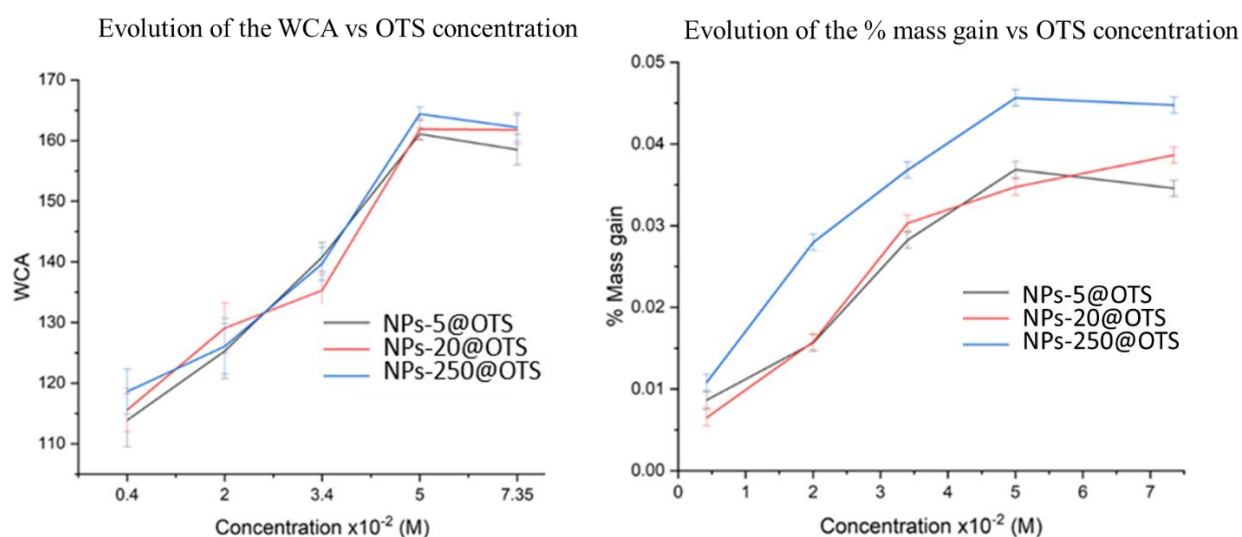


Fig. 1: Static water contact angle (left) and mass gain (right) of glass coated with OTS-functionalized silica nanoparticles (NPs-5, NPs-20 and NPs-250) as a function of OTS concentration.

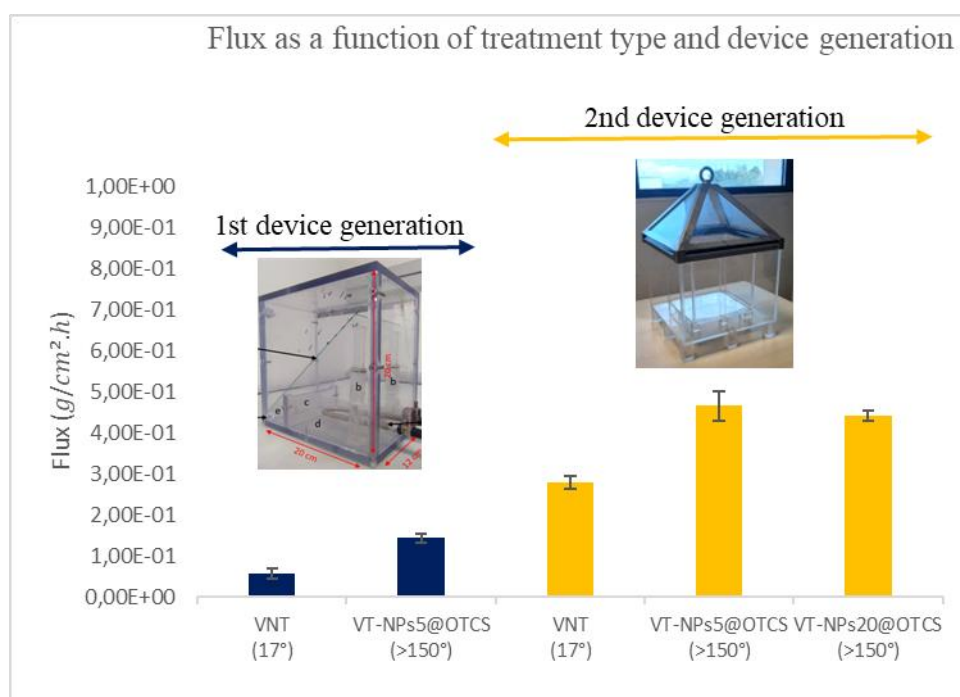


Fig. 2: Water collection flux (mean $\pm$ standard deviation) on bare and coated glass in the first- and second-generation solar still prototypes.