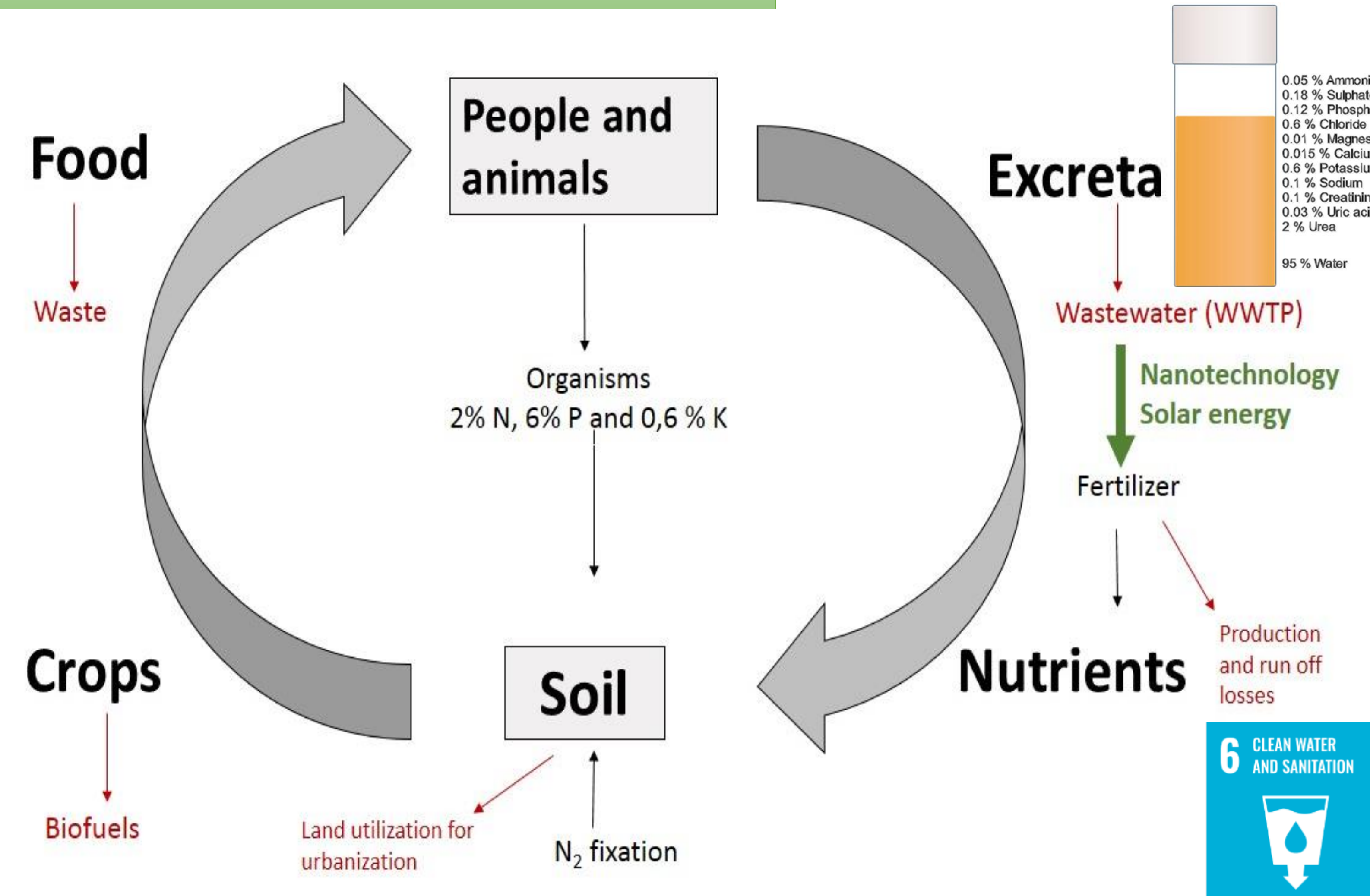


The Application of Carbon-Based Materials in Solar Harvesting for the Production of Water

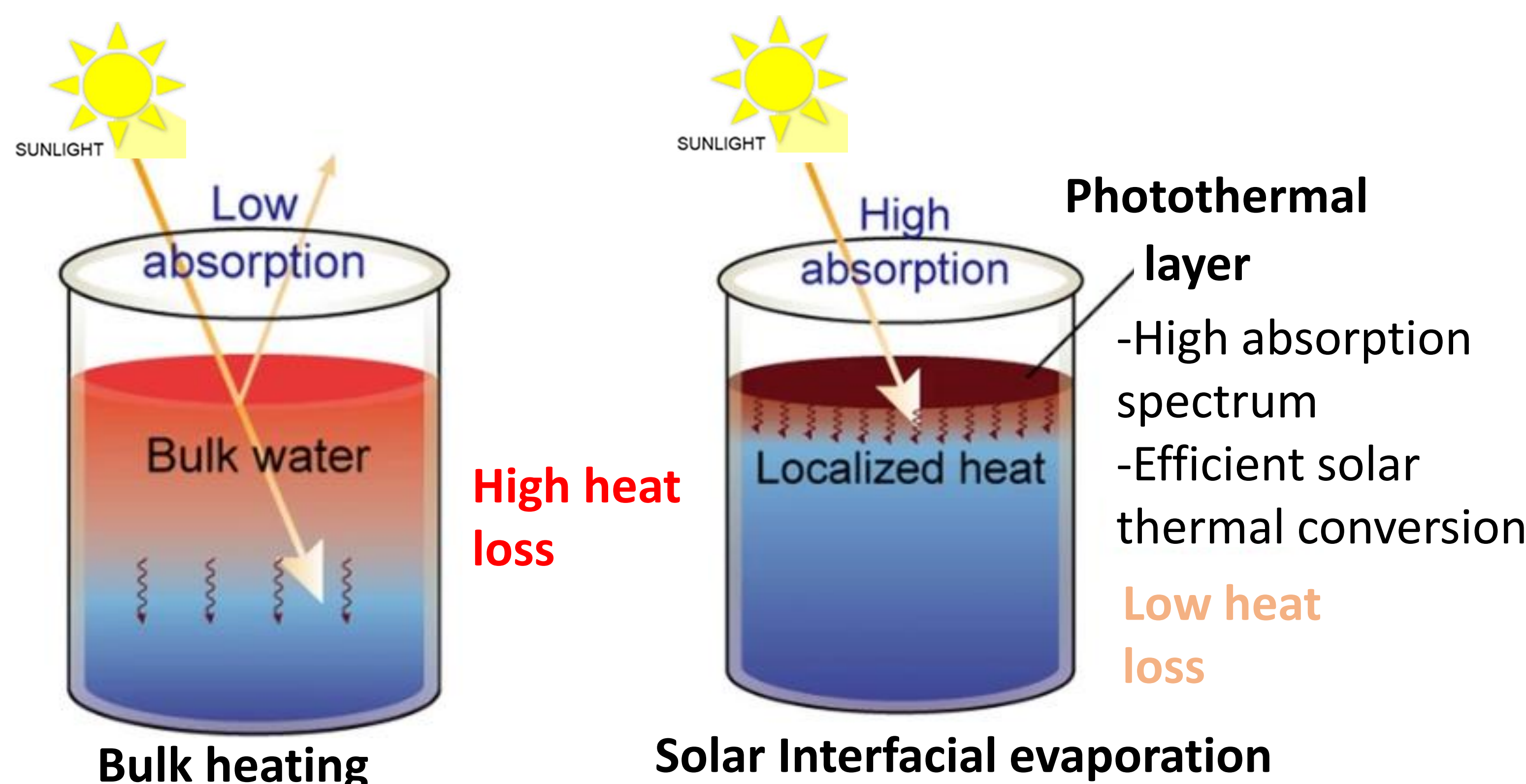
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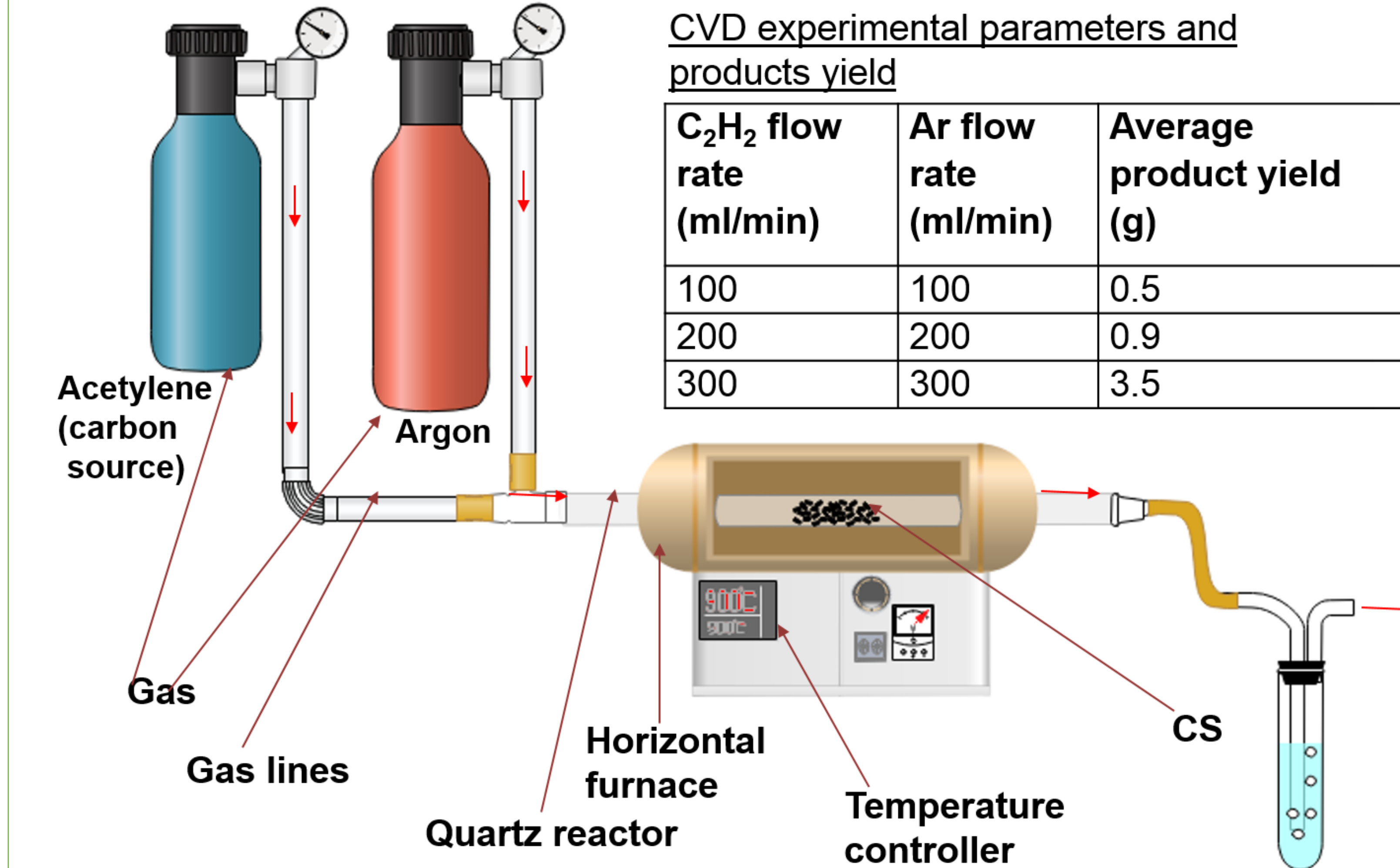
Closing nutrient loops



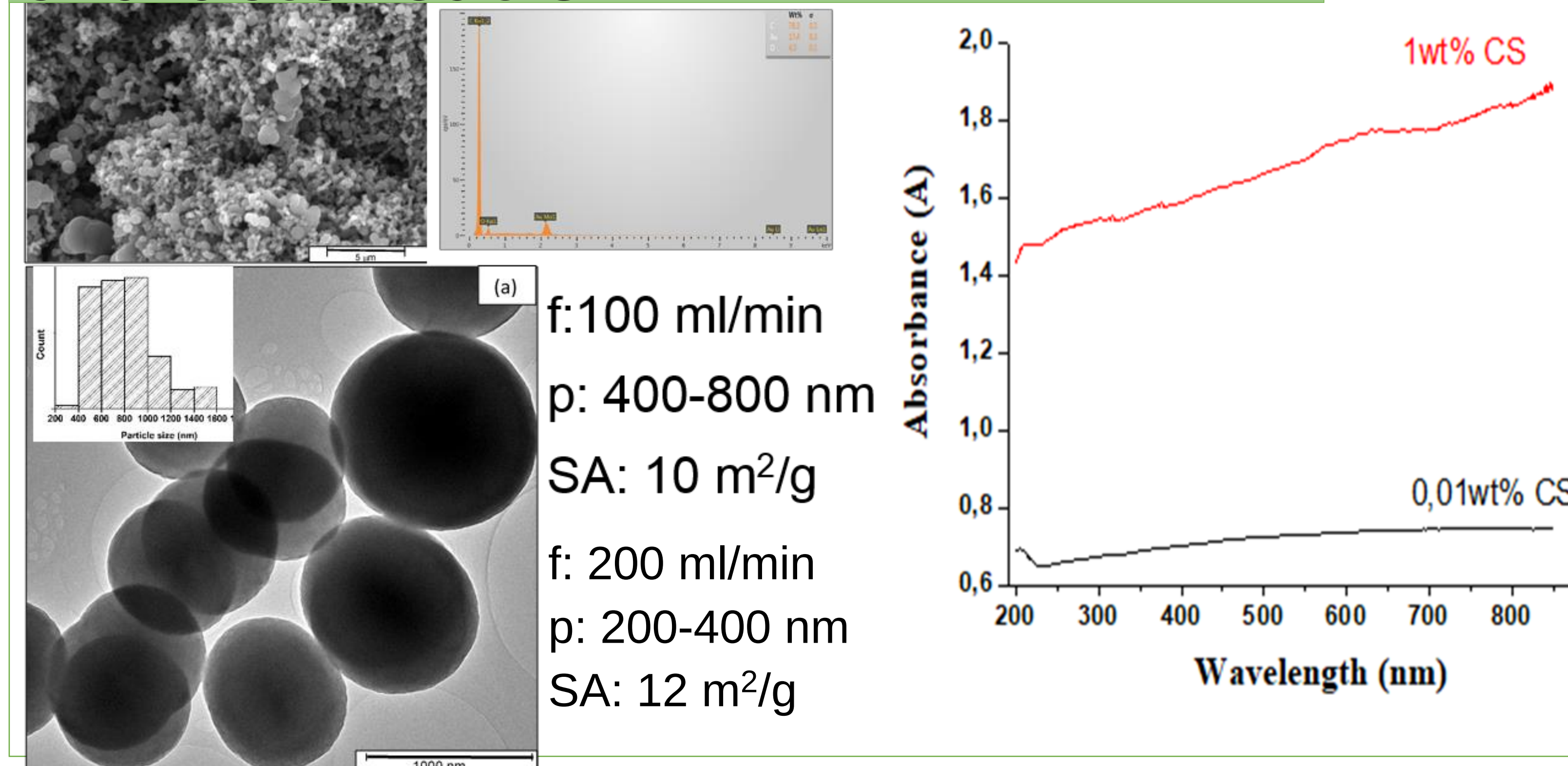
Solar Driven Evaporation



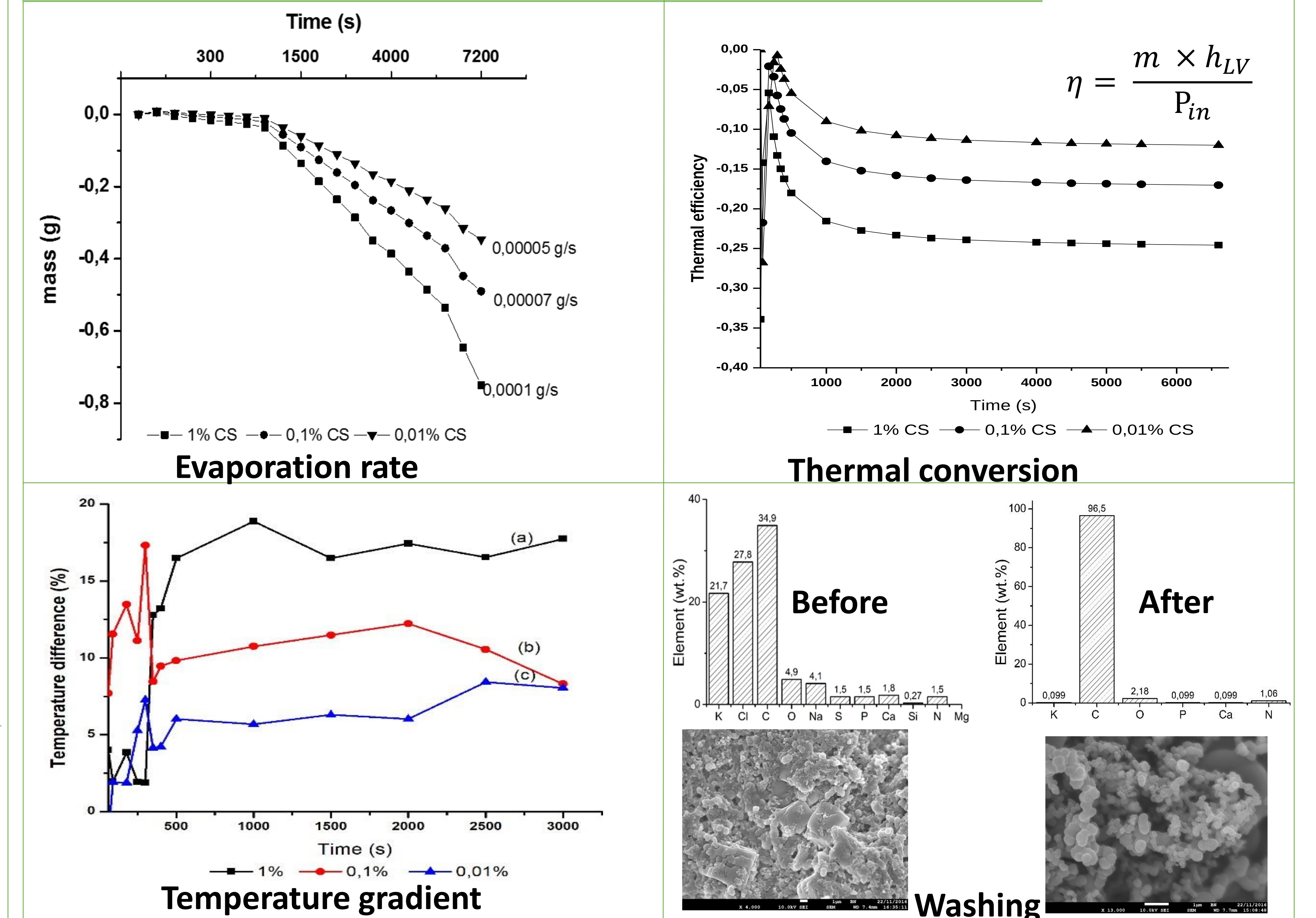
Chemical Vapour Deposition (CVD) method



Spherical shaped carbon material characterisation



Solar Interfacial evaporation results



Conclusion

Pristine spherical carbon material successfully formed using CVD. Spherical carbon material have ability to absorb light and can be used in the solar evaporation. Increasing the amount of spherical carbon material increased the mass losses during evaporation.

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