

DEMONSTRATION MBR REACTOR (DEMO MBR)

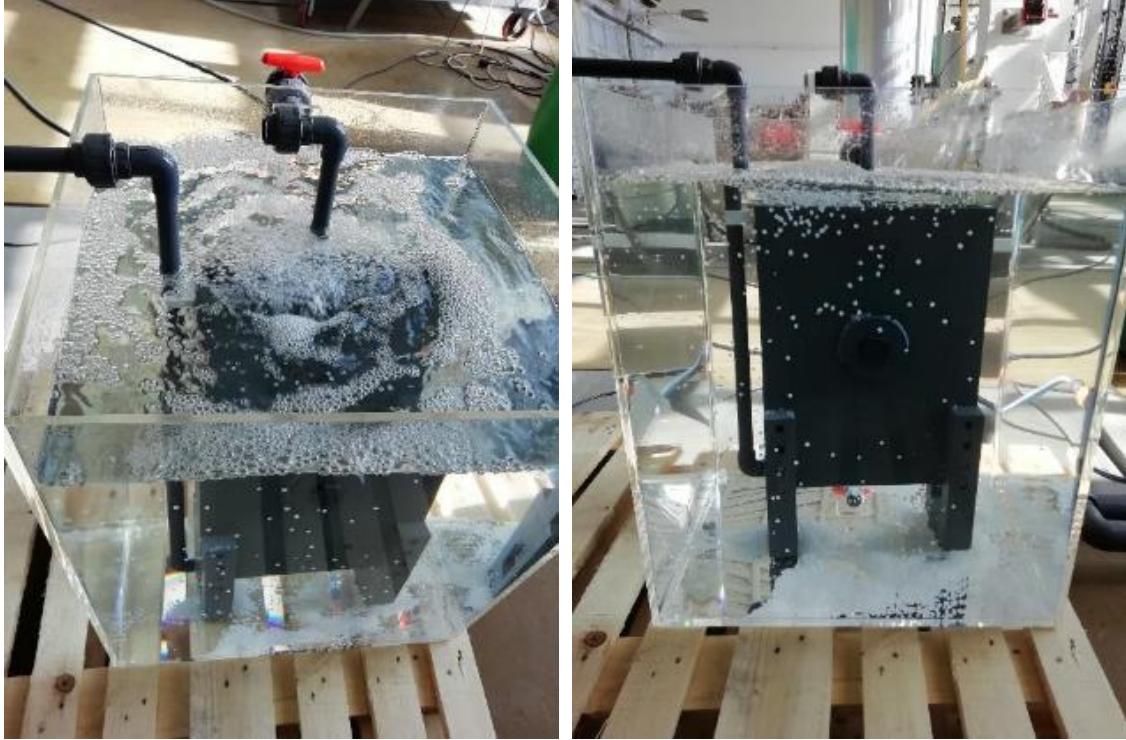
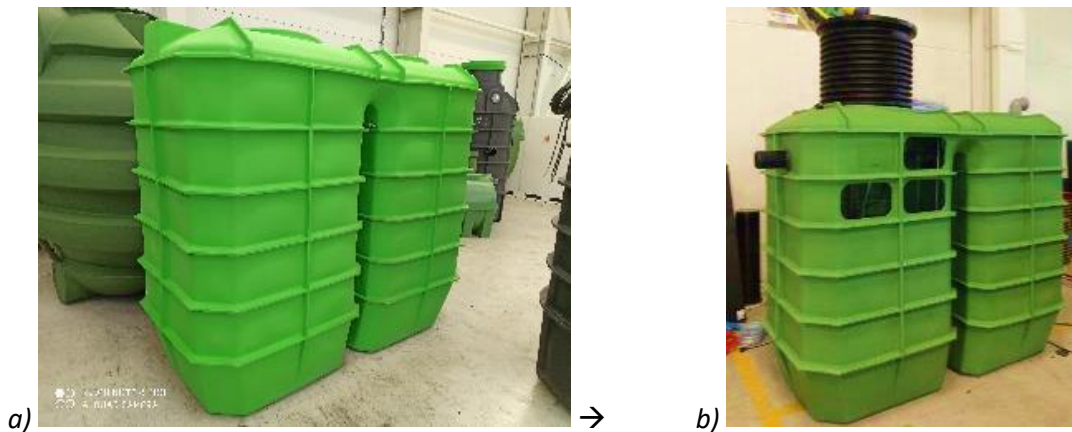


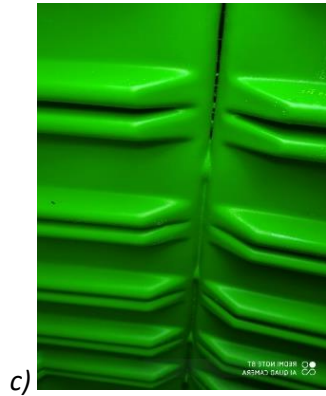
Figure 1: DEMONSTRATION MBR REACTOR (DEMO MBR) which will enable testing installation mode of the cartridge for nanomaterials, and easier planning of the final implementation and installation of the cartridge in combination with the prototype MBR system.

PRELIMINARY MBR PROTOTYPE REACTOR

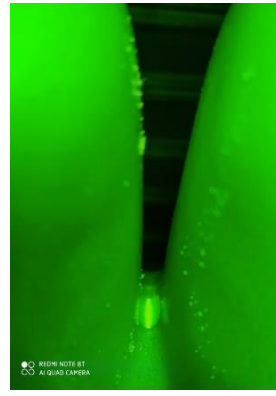


Figure 2: Preliminary PROTOTYPE MBR REACTOR manufactured according to the ROTOLiv process





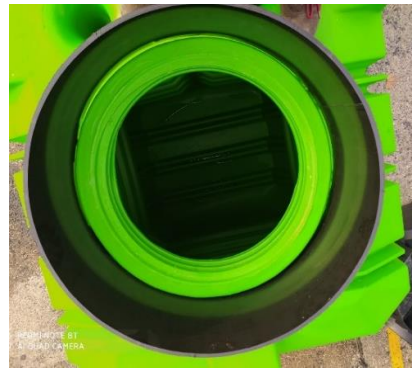
c)



d)



e)



f)



Figures 3: PROTOTYPE MBR REACTOR – Adjusted: (a) chambers, (b) inlet and outlet openings, (c) reactor wall, (d) opening for membranes, (e) lids, & (f) sampling vessel